

Commune: Tho Quang

District: Son Tra

Profile

Tho Quang commune is the northernmost commune of Danang City and is predominantly forested. The primary sector mostly consists of workers engaged in fishery. The main port of Danang City, Tien Sa Port, is located in this commune. Tho Quang commune also has a central government hospital managed by the Border Military Headquarters of Danang City, Hospital of 252 Frontier Post. The commune has 1 water treatment facility.

FACT SHEET

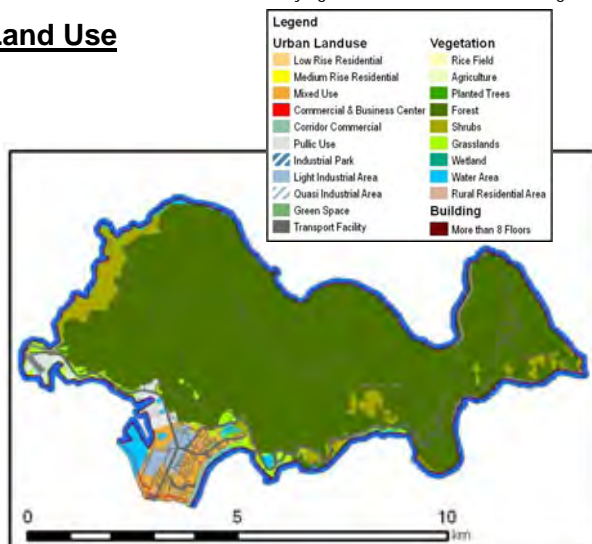
Main Indicators		Value
Population	Population (2000)	19,633
	Population (2007)	22,435
	Average Population Growth Rate (00-07)	1.92
	Gross Population Density Ratio (no./ha)	5
	Net Population Density Ratio (no. /ha)	40
Land	Total Area (ha)	4750.00
	Net Area (ha) ¹	565.56
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	14 : 20 : 67
	Employment-Residence Ratio (%) ²	1.30
	Enrolment-Residence Ratio (%) ³	0.63
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	3,939
	Poor Households (%)	7.6
	Households with Own Houses (%)	94.6
	Households with Cars/1-2 Motorcycles (%)	93.8
Transportation	Average Travel Time (excluding walking) (min.)	15.8
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	21.07
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	76.7
	Households with Internet Connection (%)	14.6
Health	Hospitals (no.)	2
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Students (no.)	3,854
	Teachers (no.)	188

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

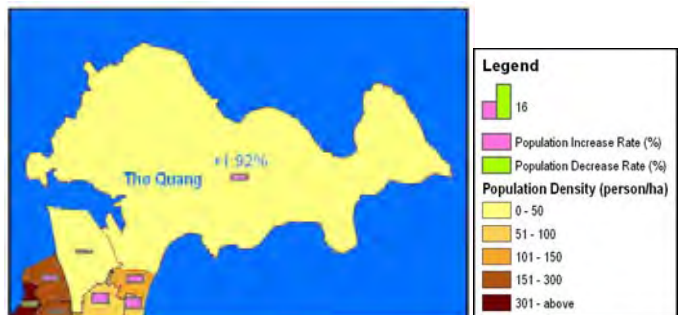
Land Use



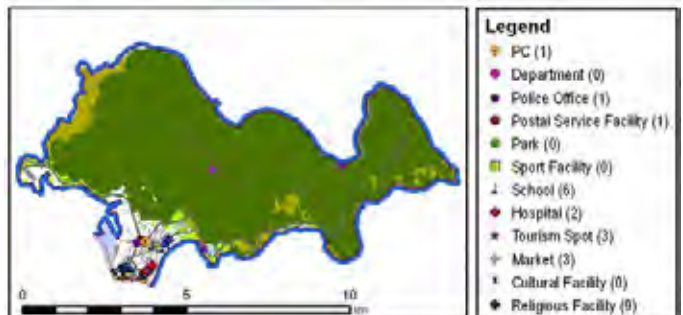
Location



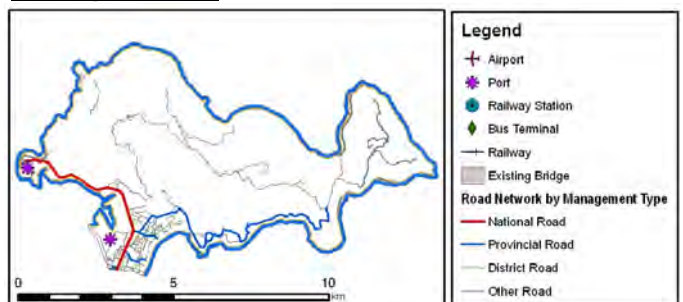
Population



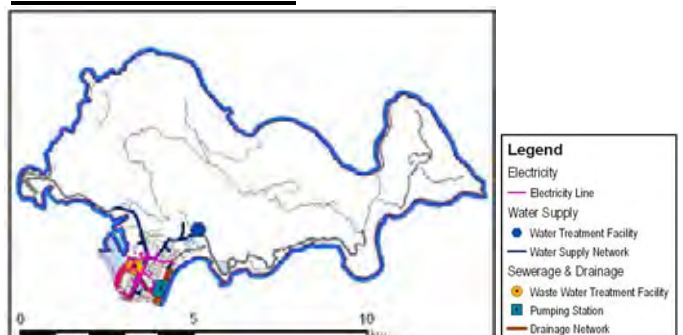
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	The Quang Commune	ASSESSMENT			
		The Quang Commune	Son Tra District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.61	1	30	1	18	
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.46	2	1	1	20	
	Road Area Ratio (% per net area)	16.7	19.8	12.8	15.0	Traffic Situation	0.76	2	19	1	21	
	To-work Travel Time (min.)	18.1	14.9	16.7	15.0	To-work Travel Time	0.54	2	44	1	32	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	394	543	450	250	Transportation Convenience	0.78	1	44	1	20	
	# of TV Sets per 000 Population	290	407	323	300	Telecommunications	0.56	1	34	1	16	
	# of Telephones per 000 Population	219	227	200	300	Telecommunications	0.56	1	20	1	16	
								0.51	0	21	1	8
SAFETY & SECURITY	Police Service Coverage (%)	14.1	99.8	71.6	80.0	Safety and Security	0.63	-2	47	1	17	
	Flood Vulnerability (% of area)	2.3	38.7	25.7	10.0	Flooding	0.44	1	21	1	21	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.66	2	1	1	5	
	Traffic Injuries per 100,000 Population	421	1,306	1,480	700	Traffic Safety	0.32	0	12	1	13	
							0.39	1	21	1	22	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	91.7	95.2	60.9	80.0	Water Supply	0.52	0	15	1	8	
	HHs Covered by SW Collection Services (%)	99.3	96.3	80.2	90.0	Solid Waste Collection	0.54	2	12	1	19	
	HHs with Sewerage Systems (%)	82.0	87.7	51.6	90.0	Drainage Conditions	0.42	0	24	1	29	
	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.10	0	32	1	36	
							0.10	0	21	0	26	
AMENITY	Cultural Facilities per 000 Population	0.53	0.41	0.53	1.00	Access to Entertainment Facilities	-0.19	0	19	-1	35	
	Water Areas per 000 Population (ha)	0.94	1.25	5.52	10.00	Neighborhood Landscape	-0.11	-2	31	-1	48	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.17	-2	13	-1	33	
	Green Areas per 000 Population (ha)	191.68	0.01	298.66	300.00	Greenery	-0.18	2	8	-1	44	
	Average Living Space per Capita (m ²)	31.0	22.4	75.3	50.0	Housing Conditions	0.74	2	30	1	3	
	Net Population Density (no./ha)	40	206	39	100	Peace and Order Situation	0.54	2	23	1	7	
							0.64	1	34	1	5	
CAPACITY	Average Annual Income (USD)	2,626	3,295	2,619	5,000	Housing	0.66	0	28	1	5	
	Motor Vehicle Ownership per 000 Population	394	543	450	250	Transportation Convenience	0.78	1	44	1	20	
	Internet Connections per 000 Population	146	342	174	500	Telecommunications	0.56	0	31	1	16	
	Mobile Phone Ownership per 000 Population	349	477	352	500	Telecommunications	0.56	1	34	1	16	

Overall Assessment

Objective Assessment Score: 0.52 (17/56)
Subjective Assessment Score: 0.45 (8/56)

rank /
commune

Summary Diagnosis

Overall Assessment The living conditions in Tho Quang commune is fairly good. Objective scores for amenity are, however, relatively low.

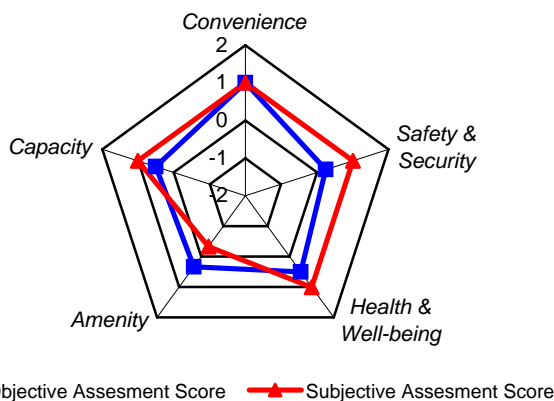
Convenience The ownership rate for motor vehicles, TV sets, and telephones are lower than the city average.

Safety & Security Police area coverage is very low in this commune, since much of the area is forested.

Health & Well-being Although the situation is quite good, access to health care can still be improved.

Amenity Access to cultural facilities and parks / open spaces should be improved.

Capacity Household incomes are almost the same as the city average, but ownership rates for motor vehicles and mobile phones, as well as internet connection, are below both the district and city averages.



Commune: My An

District: Ngu Hanh Son

Profile

In 2005, as a result of administrative reform, one commune was split into two, My An and Khue My. My An is bounded by the Han River on the west and the East Sea on the east. Household income levels in this commune are good, and the share of poor households is considerably low. About 70% of its land area is devoted to corridor commercial purpose. The commune has 3 water pumping stations.

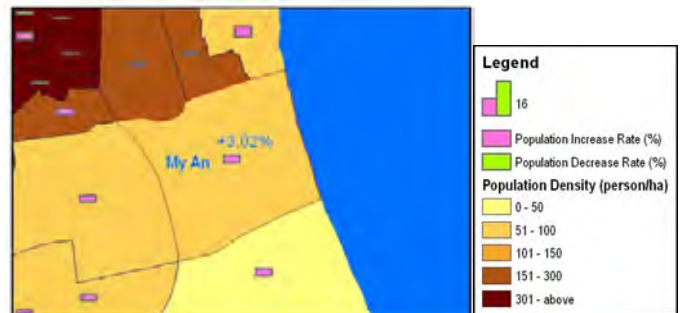
Location



FACT SHEET

Main Indicators		Value
Population	Population (2000)	21,317
	Population (2007)	17,595
	Average Population Growth Rate (00-07)	3.02
	Gross Population Density Ratio (no./ha)	43
	Net Population Density Ratio (no./ha)	56
Land	Total Area (ha)	411.00
	Net Area (ha) ¹	313.11
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	6 : 26 : 68
	Employment-Residence Ratio (%) ²	0.84
	Enrolment-Residence Ratio (%) ³	1.66
Household Information	Average Household Size	4.2
	Average Monthly Household Income (000VND)	4,980
	Poor Households (%)	2.7
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	98.2
Transportation	Average Travel Time (excluding walking) (min.)	16.1
	Public Transportation Usage (all trips) (%)	0.3
Landscape Areas	Water Surface (ha)	41.52
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	87.5
	Households with Internet Connection (%)	28.6
Health	Hospitals (no.)	2
	Hospital Beds (no.)	70
	Doctors (no.)	6
Education	Schools (no.)	8
	Students (no.)	3,893
	Teachers (no.)	193

Population



Public Facilities



Transportation



Urban Infrastructure



¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

Land Use



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	My An Commune	ASSESSMENT			
		My An Commune	Ngu Hanh Son District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.39	1	20	1	44
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.17	2	1	1	46
	Road Area Ratio (% per net area)	17.4	19.8	12.8	15.0	Traffic Situation	0.45	2	16	1	50
	To-work Travel Time (min.)	15.6	14.9	16.7	15.0	To-work Travel Time	0.27	2	26	1	48
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	534	543	450	250	Transportation Convenience	0.36	2	8	1	49
	# of TV Sets per 000 Population	296	407	323	300	Telecommunications	0.54	1	33	1	19
	# of Telephones per 000 Population	214	227	200	300	Telecommunications	0.54	1	25	1	19
							0.19	0	21	1	46
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.20	2	14	1	54
	Flood Vulnerability (% of area)	21.5	38.7	25.7	10.0	Flooding	0.20	-2	31	1	37
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.43	2	1	1	21
	Traffic Injuries per 100,000 Population	972	1,306	1,480	700	Traffic Safety	-0.08	-1	26	-1	45
							0.26	0	25	1	37
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	84.9	95.2	60.9	80.0	Water Supply	0.20	0	25	1	36
	HHs Covered by SW Collection Services (%)	98.2	96.3	80.2	90.0	Solid Waste Collection	0.13	2	18	1	48
	HHs with Sewerage Systems (%)	19.7	87.7	51.6	90.0	Drainage Conditions	0.63	-2	39	1	16
	Hospitals per 000 Population	0.11	0.16	0.13	0.15	Access to Health Care	0.11	1	24	1	35
								0.29	-1	32	1
AMENITY	Cultural Facilities per 000 Population	0.11	0.41	0.53	1.00	Access to Entertainment Facilities	0.13	-2	52	1	15
	Water Areas per 000 Population (ha)	2.36	1.25	5.52	10.00	Neighborhood Landscape	0.21	-1	22	1	12
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.19	-2	13	1	12
	Green Areas per 000 Population (ha)	1.99	0.01	298.66	300.00	Greenery	0.14	-2	26	1	10
	Average Living Space per Capita (m ²)	42.5	22.4	75.3	50.0	Housing Conditions	0.77	2	26	1	2
	Net Population Density (no./ha)	56	206	39	100	Peace and Order Situation	0.27	2	27	1	28
							0.47	1	9	1	36
CAPACITY	Average Annual Income (USD)	3,320	3,295	2,619	5,000	Housing	0.43	1	9	1	21
	Motor Vehicle Ownership per 000 Population	534	543	450	250	Transportation Convenience	0.36	2	8	1	49
	Internet Connections per 000 Population	286	342	174	500	Telecommunications	0.54	1	14	1	19
	Mobile Phone Ownership per 000 Population	473	477	352	500	Telecommunications	0.54	1	9	1	19

Overall Assessment

Objective Assessment Score: **0.48 (20/56)**

Subjective Assessment Score: **0.32 (39/56)**

rank /
commune

Summary Diagnosis

Overall Assessment Overall, the people are satisfied with the living conditions in My An commune. They rated amenity highly in spite of its low objective scores.

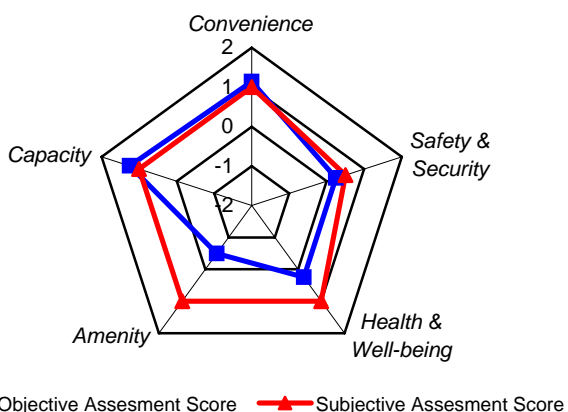
Convenience The road area ratio is one of the highest in the city, but the people regard the traffic situation in the commune as bad. They are rather satisfied with telecommunications services.

Safety & Security The people's assessment of safety / security conditions in this commune is one of the worst in the city.

Health & Well-being Piped water connection and sewerage systems are generally bad in Ngu Hanh Son district, but My An is one of the better-off communes in the district.

Amenity The people's assessment of the commune's amenity levels is good, especially housing conditions.

Capacity The people are satisfied with telecommunications services, but feel that transportation convenience can be improved.



Commune: Hoa Hai

District: Ngu Hanh Son

Profile

Hoa Hai commune borders Quang Nam province in the south. The famous Marble Mountains are located in this commune, and stone carving has been a long tradition. The commune has several features for tourists, such as the Van Thong Cave, Tang Chon Grotto, and the Quan The Am Festival. The construction of Ngu Hanh Son Sculptured Statues Park is planned. The commune has 25 pagodas. Non Nuoc Beach is also a popular tourist spot in this area.

FACT SHEET

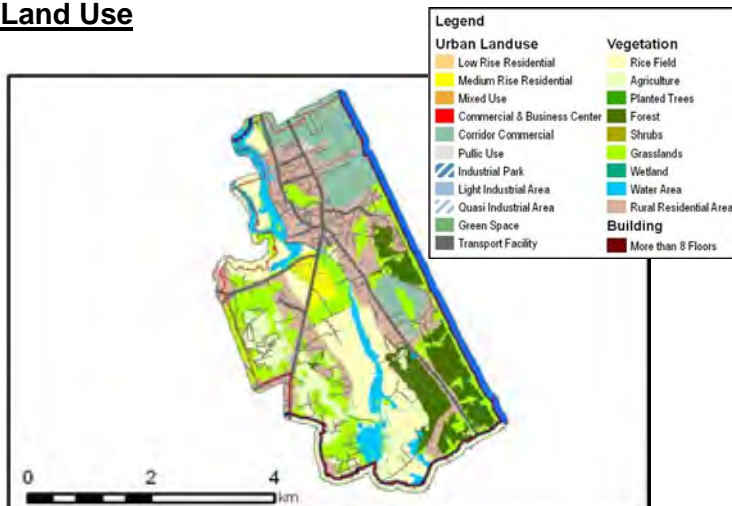
Main Indicators		Value
Population	Population (2000)	14,175
	Population (2007)	16,363
	Average Population Growth Rate (00-07)	2.07
	Gross Population Density Ratio (no./ha)	12
	Net Population Density Ratio (no./ha)	19
Land	Total Area (ha)	1356.00
	Net Area (ha) ¹	848.88
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	4 : 36 : 59
	Employment-Residence Ratio (%) ²	0.93
	Enrolment-Residence Ratio (%) ³	0.33
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	3,711
	Poor Households (%)	2.9
	Households with Own Houses (%)	95.2
	Households with Cars/1-2 Motorcycles (%)	97.1
Transportation	Average Travel Time (excluding walking) (min.)	14.5
	Public Transportation Usage (all trips) (%)	1.7
Landscape Areas	Water Surface (ha)	99.33
	Parks and Open Spaces (ha)	153.86
Connectivity	Households with Mobile Phones (%)	80.8
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	2
	Hospital Beds (no.)	80
	Doctors (no.)	15
Education	Schools (no.)	9
	Teachers (no.)	199

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²Measures the number of workers working in the area and workers living in the area.

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Land Use



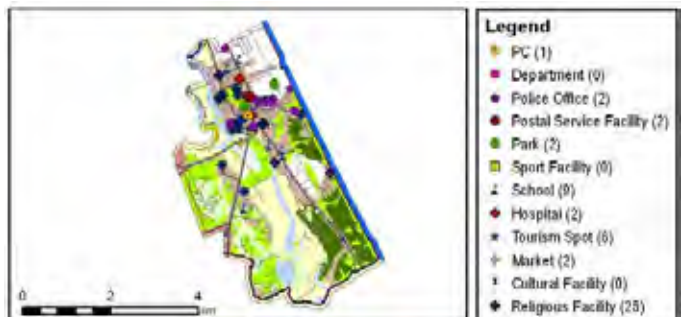
Location



Population



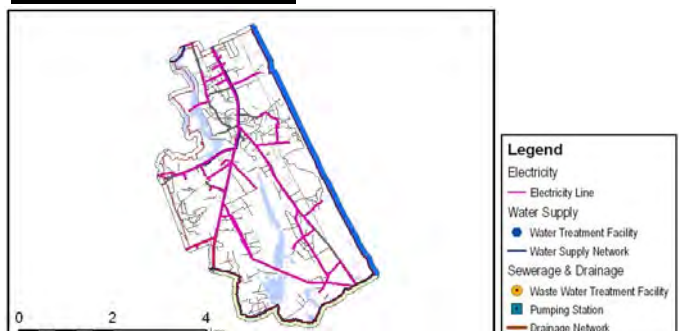
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition	2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Hoa Hai Commune	ASSESSMENT			
	Hoa Hai Commune	Ngu Hanh Son District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.47	1	36	1	40
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.91	2	1	1	2
	Road Area Ratio (% per net area)	5.2	19.8	12.8	15.0	Traffic Situation	0.20	0	40	1	54
	To-work Travel Time (min.)	14.8	14.9	16.7	15.0	To-work Travel Time	0.04	2	20	0	55
	To-work Trips by Public Transportation (%)	0.41	0.00	0.07	35.00	Public Transportation Convenience	0.12	-2	6	1	16
	Motor Vehicle Ownership per 000 Population	488	543	450	250	Transportation Convenience	0.22	2	16	1	53
	# of TV Sets per 000 Population	264	407	323	300	Telecommunications	0.89	1	43	1	3
	# of Telephones per 000 Population	193	227	200	300	Telecommunications	0.89	0	35	1	3
							0.56	0	43	1	5
SAFETY & SECURITY	Police Service Coverage (%)	64.1	99.8	71.6	80.0	Safety and Security	0.85	1	39	1	5
	Flood Vulnerability (% of area)	71.1	38.7	25.7	10.0	Flooding	0.42	-2	52	1	25
	HHS with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.35	2	1	1	34
	Traffic Injuries per 100,000 Population	2,855	1,306	1,480	700	Traffic Safety	0.63	-2	48	1	3
							0.50	0	33	1	9
HEALTH & WELL-BEING	HHS with Piped Water Connection (%)	11.5	95.2	60.9	80.0	Water Supply	0.07	-2	46	1	42
	HHS Covered by SW Collection Services (%)	85.7	96.3	80.2	90.0	Solid Waste Collection	0.83	1	40	1	5
	HHS with Sewerage Systems (%)	5.7	87.7	51.6	90.0	Drainage Conditions	0.70	-2	42	1	12
	Hospitals per 000 Population	0.23	0.16	0.13	0.15	Access to Health Care	0.39	2	5	1	14
							-0.14	2	1	0	49
AMENITY	Cultural Facilities per 000 Population	3.81	0.41	0.53	1.00	Access to Entertainment Facilities	-0.48	2	1	-1	50
	Water Areas per 000 Population (ha)	6.07	1.25	5.52	10.00	Neighborhood Landscape	-0.10	0	14	-1	46
	Parks / Open Spaces per 000 Population (ha)	17.77	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.34	2	1	-1	46
	Green Areas per 000 Population (ha)	59.44	0.01	298.66	300.00	Greenery	-0.15	2	18	-1	42
	Average Living Space per Capita (m ²)	76.4	22.4	75.3	50.0	Housing Conditions	0.17	2	17	1	45
	Net Population Density (no./ha)	19	206	39	100	Peace and Order Situation	0.06	2	15	1	46
							0.59	0	38	1	14
CAPACITY	Average Annual Income (USD)	2,474	3,295	2,619	5,000	Housing	0.35	0	33	1	34
	Motor Vehicle Ownership per 000 Population	488	543	450	250	Transportation Convenience	0.22	2	16	1	53
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	0.89	-2	51	1	3
	Mobile Phone Ownership per 000 Population	341	477	352	500	Telecommunications	0.89	1	36	1	3

Overall Assessment

Objective Assessment Score: **0.43 (25/56)**
 Subjective Assessment Score: **0.39 (22/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The overall living conditions in Hoa Hai commune is acceptable. Unlike other communes, the objective score for amenity exceeds that of the subjective score.

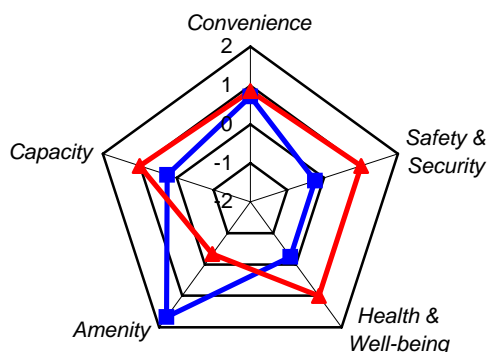
Convenience: The people feel that convenience in the commune is very low, namely its traffic situation, travel time to work, and transportation convenience.

Safety & Security: More than 70% of the land area is flood-prone. The coverage of police service is lower than the district average.

Health & Well-being: Water supply is bad, as almost 9 out of 10 people do not have access to piped water.

Amenity: The objective score is high due to abundant water areas, parks / open spaces, and greeneries.

Capacity: Not one of the survey respondents has internet access in their homes.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Quy

District: Ngu Hanh Son

Profile

Hoa Quy commune borders Quang Nam province in the south, and is surrounded by rivers. Its population density is quite low. The employment structure is different from that of other communes: the secondary sector is the most significant, with manufacturing dominating the sector and some mining / quarrying businesses. A considerable number of workers are engaged in agriculture.

Location



FACT SHEET

Main Indicators		Value
Population	Population (2000)	10,267
	Population (2007)	11,449
	Average Population Growth Rate (00-07)	1.57
	Gross Population Density Ratio (no./ha)	8
	Net Population Density Ratio (no./ha)	14
Land	Total Area (ha)	1417.00
	Net Area (ha) ¹	812.30
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	26 : 45 : 29
	Employment-Residence Ratio (%) ²	0.66
	Enrolment-Residence Ratio (%) ³	1.39
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	3,204
	Poor Households (%)	17.9
	Households with Own Houses (%)	94.1
	Households with Cars/1-2 Motorcycles (%)	91.7
Transportation	Average Travel Time (excluding walking) (min.)	15.9
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	183.71
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	67.1
	Households with Internet Connection (%)	1.4
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	7
	Teachers (no.)	88

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

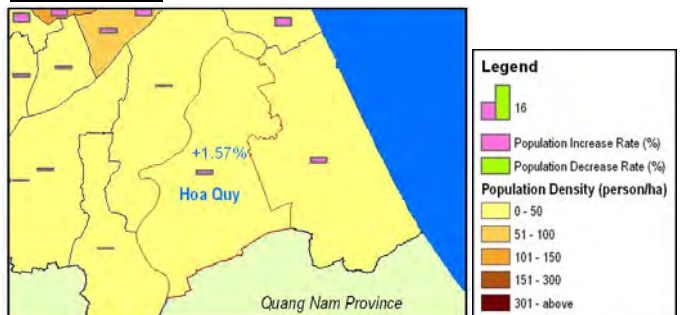
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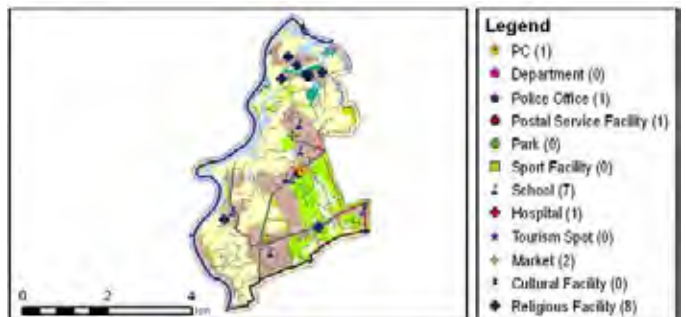
Land Use



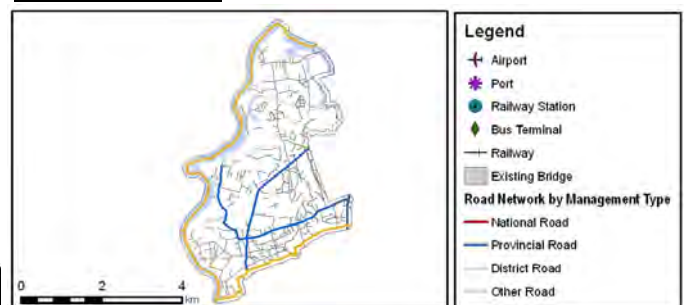
Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Hoa Quy Commune	ASSESSMENT			
		Hoa Quy Commune	Ngu Hanh Son District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.58	0	46	1	23	
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.73	1	43	1	7	
	Road Area Ratio (% per net area)	1.7	19.8	12.8	15.0	Traffic Situation	0.35	-2	49	1	51	
	To-work Travel Time (min.)	18.3	14.9	16.7	15.0	To-work Travel Time	0.22	2	45	1	50	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	425	543	450	250	Transportation Convenience	0.30	2	35	1	50	
	# of TV Sets per 000 Population	283	407	323	300	Telecommunications	0.94	1	36	1	2	
	# of Telephones per 000 Population	148	227	200	300	Telecommunications	0.94	0	53	1	2	
							0.81	0	25	1	2	
SAFETY & SECURITY	Police Service Coverage (%)	75.4	99.8	71.6	80.0	Safety and Security	0.93	1	37	1	3	
	Flood Vulnerability (% of area)	28.0	38.7	25.7	10.0	Flooding	0.67	-2	34	1	9	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.90	2	1	1	2	
	Traffic Injuries per 100,000 Population	940	1,306	1,480	700	Traffic Safety	0.75	-1	24	1	2	
							0.79	-1	46	1	3	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	34.5	95.2	60.9	80.0	Water Supply	1.00	-2	39	1	1	
	HHs Covered by SW Collection Services (%)	64.2	96.3	80.2	90.0	Solid Waste Collection	0.68	-1	44	1	11	
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	0.62	-2	51	1	18	
	Hospitals per 000 Population	0.06	0.16	0.13	0.15	Access to Health Care	0.86	0	47	1	3	
							0.67	1	9	1	1	
AMENITY	Cultural Facilities per 000 Population	0.49	0.41	0.53	1.00	Access to Entertainment Facilities	0.48	0	21	1	4	
	Water Areas per 000 Population (ha)	16.05	1.25	5.52	10.00	Neighborhood Landscape	0.67	1	6	1	1	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.65	-2	13	1	2	
	Green Areas per 000 Population (ha)	105.55	0.01	298.66	300.00	Greenery	0.58	2	11	1	2	
	Average Living Space per Capita (m ²)	187.9	22.4	75.3	50.0	Housing Conditions	0.55	2	9	1	9	
	Net Population Density (no./ha)	14	206	39	100	Peace and Order Situation	1.10	2	7	2	1	
							0.77	0	38	1	2	
CAPACITY	Average Annual Income (USD)	2,136	3,295	2,619	5,000	Housing	0.90	0	40	1	2	
	Motor Vehicle Ownership per 000 Population	425	543	450	250	Transportation Convenience	0.30	2	35	1	50	
	Internet Connections per 000 Population	14	342	174	500	Telecommunications	0.94	-2	49	1	2	
	Mobile Phone Ownership per 000 Population	265	477	352	500	Telecommunications	0.94	1	44	1	2	

Overall Assessment

Objective Assessment Score: 0.02 (45/56)
Subjective Assessment Score: 0.72 (2/56)

rank /
commune

Summary Diagnosis

Overall Assesment The people's assessment of the living conditions in the commune is the second best in the city.

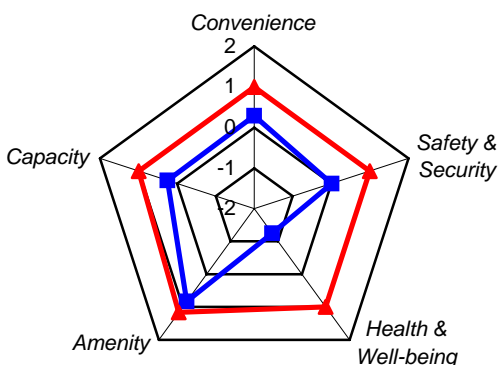
Convenience The road area ratio is especially low in this commune, at only 1.7% per net area. The ownership rates for motor vehicles, TV sets, and telephones are also low.

Safety & Security The people generally feel that the commune is safe and secure.

Health & Well-being Though the commune is not provided with sewerage systems, most people do not feel that the drainage conditions in the commune are problematic.

Amenity The commune has good amenity due to abundant water areas and greeneries. The average living space is very large, and the people's assessment of the peace & order situation ranks the best.

Capacity Capacity scores are lower than the city average, but most people are satisfied with the current situation.



— Objective Assesment Score — Subjective Assesment Score

Commune: Khue My

District: Ngu Hanh Son

Profile

In 2005 as a result of administrative reform one commune was split into two, namely Khue My and My An. Khue My commune is bordered by the Han River on the west and the East Sea on the east. The commune has the Nuoc Mam Airport, which is an old military airport currently not in use. About 25% of the land area is devoted to corridor commercial use. Some 46% of workers are in the secondary sector, the same number as that in the tertiary sector. The district people's committee office is located here.

FACT SHEET

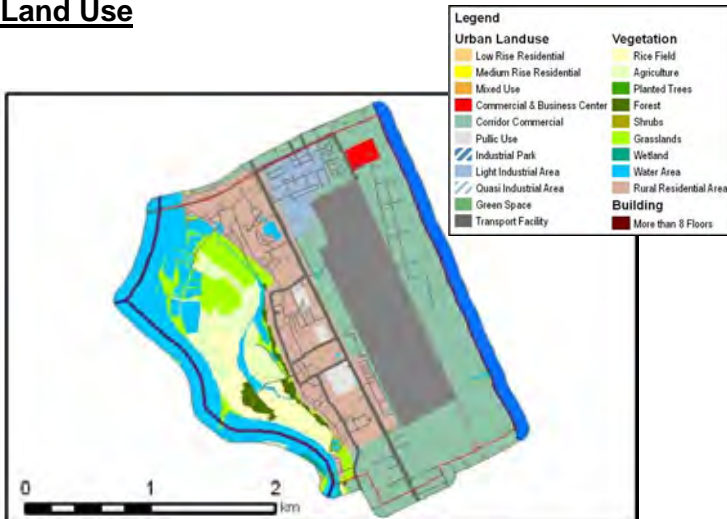
Main Indicators		Value
Population	Population (2000)	21,317
	Population (2007)	8,660
	Average Population Growth Rate (00-07)	3.02
	Gross Population Density Ratio (no./ha)	18
	Net Population Density Ratio (no./ha)	35
Land	Total Area (ha)	471.00
	Net Area (ha) ¹	250.80
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	8 : 46 : 46
	Employment-Residence Ratio (%) ²	0.99
	Enrolment-Residence Ratio (%) ³	0.96
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	4,528
	Poor Households (%)	9.1
	Households with Own Houses (%)	98.1
	Households with Cars/1-2 Motorcycles (%)	96.4
Transportation	Average Travel Time (excluding walking) (min.)	16.6
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	60.73
	Parks and Open Spaces (ha)	0.95
Connectivity	Households with Mobile Phones (%)	89.1
	Households with Internet Connection (%)	14.6
Health	Hospitals (no.)	2
	Hospital Beds (no.)	600
	Doctors (no.)	0
Education	Schools (no.)	5
	Students (no.)	1,567
	Teachers (no.)	85

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

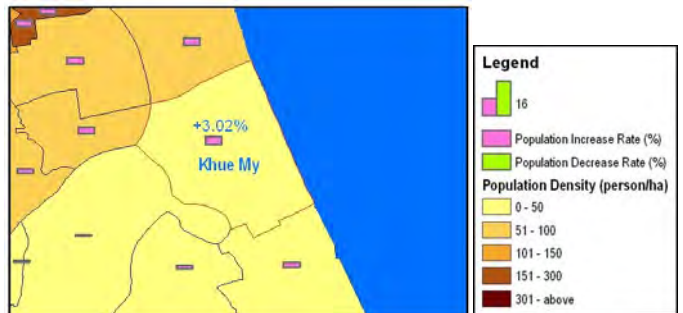
Land Use



Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Khue My Commune	ASSESSMENT			
		Khue My Commune	Ngu Hanh Son District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.48	1	20	1	38
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.80	2	1	1	4
	Road Area Ratio (% per net area)	16.0	19.8	12.8	15.0	Traffic Situation	0.25	2	22	1	53
	To-work Travel Time (min.)	17.3	14.9	16.7	15.0	To-work Travel Time	0.26	2	38	1	49
	To-work Trips by Public Transportation (%)	0.45	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	5	0	17
	Motor Vehicle Ownership per 000 Population	474	543	450	250	Transportation Convenience	0.17	2	22	1	54
	# of TV Sets per 000 Population	283	407	323	300	Telecommunications	0.94	1	37	1	1
	# of Telephones per 000 Population	202	227	200	300	Telecommunications	0.94	1	32	1	1
							0.91	0	25	2	1
SAFETY & SECURITY	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.82	2	12	1	7
	Flood Vulnerability (% of area)	35.8	38.7	25.7	10.0	Flooding	1.20	-2	40	2	1
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	1.05	2	1	2	1
	Traffic Injuries per 100,000 Population	6,426	1,306	1,480	700	Traffic Safety	0.55	-2	56	1	5
							0.97	-1	37	1	2
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	49.0	95.2	60.9	80.0	Water Supply	0.92	-2	36	1	3
	HHs Covered by SW Collection Services (%)	87.2	96.3	80.2	90.0	Solid Waste Collection	0.88	1	39	1	3
	HHs with Sewerage Systems (%)	12.7	87.7	51.6	90.0	Drainage Conditions	1.11	-2	40	2	1
	Hospitals per 000 Population	0.17	0.16	0.13	0.15	Access to Health Care	0.96	1	13	1	2
								0.28	1	9	1
AMENITY	Cultural Facilities per 000 Population	0.79	0.41	0.53	1.00	Access to Entertainment Facilities	0.26	1	10	1	7
	Water Areas per 000 Population (ha)	7.01	1.25	5.52	10.00	Neighborhood Landscape	0.05	0	10	1	32
	Parks / Open Spaces per 000 Population (ha)	0.08	0.52	0.46	3.00	Access to Parks and Green Spaces	0.38	-2	6	1	6
	Green Areas per 000 Population (ha)	15.45	0.01	298.66	300.00	Greenery	-0.16	2	21	-1	43
	Average Living Space per Capita (m ²)	50.2	22.4	75.3	50.0	Housing Conditions	0.49	2	22	1	16
	Net Population Density (no./ha)	35	206	39	100	Peace and Order Situation	0.67	2	21	1	4
								0.78	1	18	1
CAPACITY	Average Annual Income (USD)	3,018	3,295	2,619	5,000	Housing	1.05	1	18	2	1
	Motor Vehicle Ownership per 000 Population	474	543	450	250	Transportation Convenience	0.17	2	22	1	54
	Internet Connections per 000 Population	146	342	174	500	Telecommunications	0.94	0	30	1	1
	Mobile Phone Ownership per 000 Population	377	477	352	500	Telecommunications	0.94	1	25	1	1

Overall Assessment

Objective Assessment Score: 0.50 (18/56)

Subjective Assessment Score: 0.68 (3/56)

rank /
commune

Summary Diagnosis

Overall Assessment The people are very much satisfied with their living conditions in Khue My commune, especially in the aspects of safety & security and health & well-being.

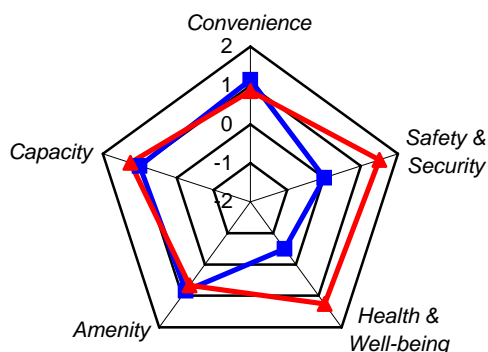
Convenience Convenience is the only indicator which the people assessment as low. Improvements are needed mainly in the transportation aspect.

Safety & Security Though the rate of traffic injury is the worst in the city, the people are not too concerned about traffic safety issues.

Health & Well-being Basic services are not provided very well, but the people are satisfied with present conditions.

Amenity The commune is large and has much greeneries, but lacking in cultural facilities.

Capacity The people are greatly satisfied with their capacity levels except for transportation convenience.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa An

District: Cam Le

Profile

In 2005, as a result of administrative reform, Cam Le district was established. That year, too, one commune was split into two, Hoa An and Hoa Phat. Both communes were formerly part of Hoa Vang district but were moved under the jurisdiction of Cam Le. Hoa An commune is located on the western side of the Danang International Airport. There are both residential and commercial areas in the commune, and some green areas. Population growth rate in the commune is rather high, but it still has low population density.

FACT SHEET

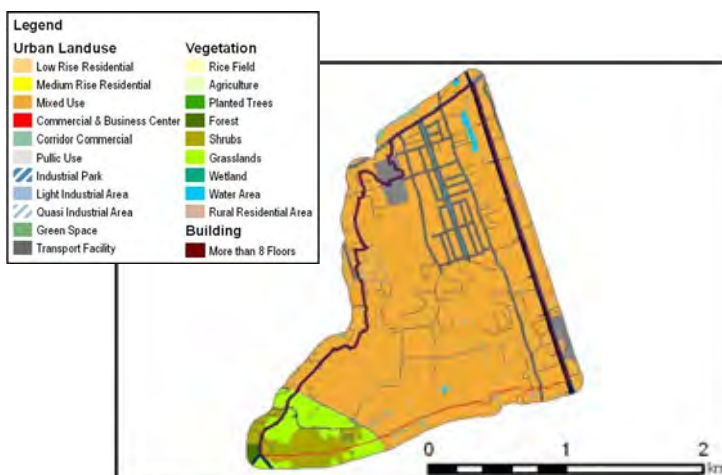
Main Indicators		Value
Population	Population (2000)	18,586
	Population (2007)	13,476
	Average Population Growth Rate (00-07)	3.56
	Gross Population Density Ratio (no./ha)	44
	Net Population Density Ratio (no./ha)	48
Land	Total Area (ha)	309.00
	Net Area (ha) ¹	283.41
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 35 : 64
	Employment-Residence Ratio (%) ²	0.65
	Enrolment-Residence Ratio (%) ³	0.62
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	3,716
	Poor Households (%)	1.2
	Households with Own Houses (%)	94.8
	Households with Cars/1-2 Motorcycles (%)	95.1
Transportation	Average Travel Time (excluding walking) (min.)	16.2
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	2.51
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	79.2
	Households with Internet Connection (%)	12.2
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	4
	Students (no.)	635
	Teachers (no.)	33

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

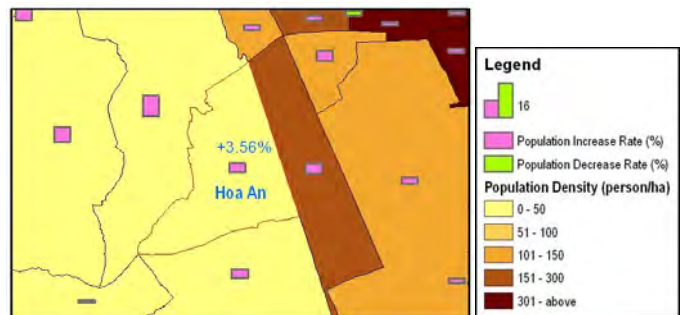
Land Use



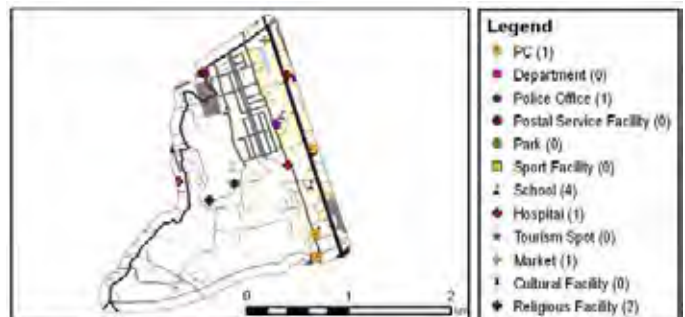
Location



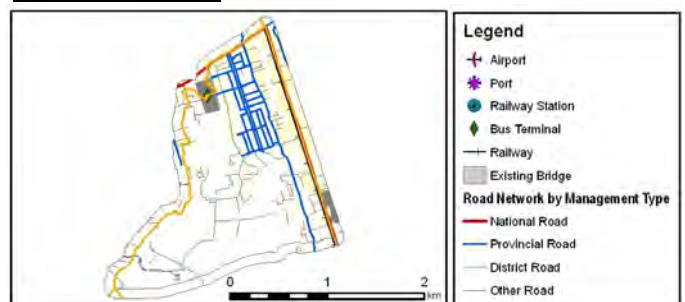
Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa An Commune	ASSESSMENT			
		Hoa An Commune	Cam Le District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.31	1	37	1	50
CONVENIENCE	Household Electricity Connection (%)	98	100	99	100	Power Supply	0.19	1	51	1	42
	Road Area Ratio (% per net area)	3.6	19.8	12.8	15.0	Traffic Situation	0.72	-1	43	1	27
	To-work Travel Time (min.)	16.0	14.9	16.7	15.0	To-work Travel Time	0.58	2	29	1	27
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-1.00	-2	7	-1	23
	Motor Vehicle Ownership per 000 Population	434	543	450	250	Transportation Convenience	0.54	2	33	1	42
	# of TV Sets per 000 Population	321	407	323	300	Telecommunications	0.57	2	28	1	15
	# of Telephones per 000 Population	192	227	200	300	Telecommunications	0.57	0	36	1	15
							0.38	1	4	1	22
SAFETY & SECURITY	Police Service Coverage (%)	96.1	99.8	71.6	80.0	Safety and Security	0.66	2	32	1	15
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.57	2	1	1	12
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.37	2	1	1	31
	Traffic Injuries per 100,000 Population	3,480	1,306	1,480	700	Traffic Safety	-0.09	-2	52	-1	46
							0.10	-1	40	0	45
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	17.1	95.2	60.9	80.0	Water Supply	-0.31	-2	45	-1	48
	HHs Covered by SW Collection Services (%)	92.7	96.3	80.2	90.0	Solid Waste Collection	0.70	1	36	1	9
	HHs with Sewerage Systems (%)	20.9	87.7	51.6	90.0	Drainage Conditions	-0.17	-2	37	-1	52
	Hospitals per 000 Population	0.10	0.16	0.13	0.15	Access to Health Care	0.16	0	27	1	29
							0.14	-1	32	1	23
AMENITY	Cultural Facilities per 000 Population	0.19	0.41	0.53	1.00	Access to Entertainment Facilities	0.09	-1	46	1	19
	Water Areas per 000 Population (ha)	0.19	1.25	5.52	10.00	Neighborhood Landscape	0.02	-2	43	0	38
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.06	-2	13	1	22
	Green Areas per 000 Population (ha)	2.51	0.01	298.66	300.00	Greenery	0.11	-2	25	1	14
	Average Living Space per Capita (m ²)	61.9	22.4	75.3	50.0	Housing Conditions	0.13	2	19	1	47
	Net Population Density (no./ha)	48	206	39	100	Peace and Order Situation	0.41	2	26	1	18
							0.51	1	25	1	30
CAPACITY	Average Annual Income (USD)	2,477	3,295	2,619	5,000	Housing	0.37	0	32	1	31
	Motor Vehicle Ownership per 000 Population	434	543	450	250	Transportation Convenience	0.54	2	33	1	42
	Internet Connections per 000 Population	122	342	174	500	Telecommunications	0.57	0	35	1	15
	Mobile Phone Ownership per 000 Population	345	477	352	500	Telecommunications	0.57	1	35	1	15

Overall Assessment

Objective Assessment Score: **0.21 (42/56)**

Subjective Assessment Score: **0.29 (42/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The living conditions for health & well-being are especially bad for Hoa An commune. On the other hand, safety & security conditions are quite good.

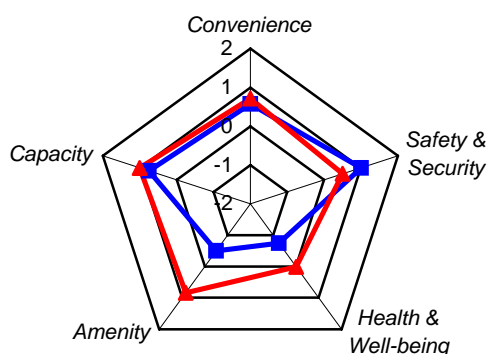
Convenience: The road area ratio is low compared to the city average. However, the people's assessment of this is high.

Safety & Security: As traffic injury rate in the commune is high, the people expect improvements in traffic safety.

Health & Well-being: Both piped water connection and sewerage systems have low coverage, and the people feel the need for improvements.

Amenity: Many people are dissatisfied with their housing conditions.

Capacity: Capacity levels are generally acceptable, but many people feel the need for improvements in transportation convenience.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Phat

District: Cam Le

Profile

In 2005, as a result of administrative reform, Cam Le district was established. That year, too, one commune was split into two, Hoa An and Hoa Phat. Both communes were formerly part of Hoa Vang district but were moved under the jurisdiction of Cam Le. The land use of Hoa Phat is mainly mixed and composed of the following: residential (35%), forest (34%), green space (22%), agriculture (6%), and airport (2%). The population density is quite low.

FACT SHEET

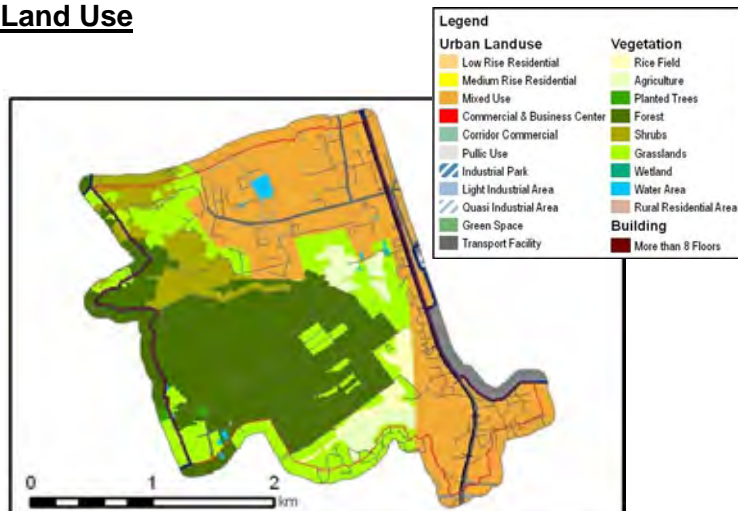
Main Indicators		Value
Population	Population (2000)	18,586
	Population (2007)	10,263
	Average Population Growth Rate (00-07)	3.56
	Gross Population Density Ratio (no./ha)	17
	Net Population Density Ratio (no./ha)	28
Land	Total Area (ha)	611.00
	Net Area (ha) ¹	367.55
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	9 : 42 : 49
	Employment-Residence Ratio (%) ²	0.74
	Enrolment-Residence Ratio (%) ³	0.50
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	3,204
	Poor Households (%)	3.1
	Households with Own Houses (%)	82.3
	Households with Cars/1-2 Motorcycles (%)	87.5
Transportation	Average Travel Time (excluding walking) (min.)	13.6
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	2.49
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	60.8
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	7
	Students (no.)	1,697
	Teachers (no.)	95

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

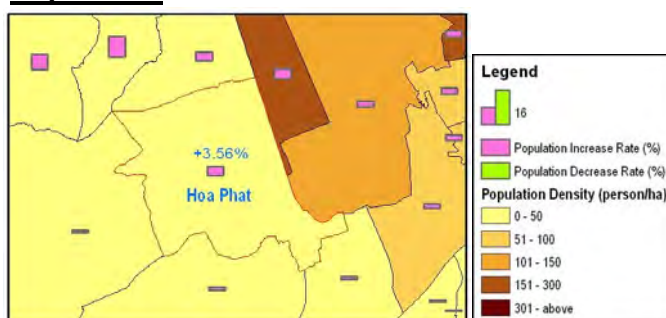
Land Use



Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Phat Commune	ASSESSMENT			
		Hoa Phat Commune	Cam Le District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.75	0	42	1	3
CONVENIENCE	Household Electricity Connection (%)	95	100	99	100	Power Supply	0.81	1	56	1	3
	Road Area Ratio (% per net area)	4.6	19.8	12.8	15.0	Traffic Situation	0.77	-1	42	1	18
	To-work Travel Time (min.)	14.2	14.9	16.7	15.0	To-work Travel Time	0.74	2	12	1	12
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	410	543	450	250	Transportation Convenience	0.82	2	40	1	10
	# of TV Sets per 000 Population	269	407	323	300	Telecommunications	0.68	1	41	1	7
	# of Telephones per 000 Population	177	227	200	300	Telecommunications	0.68	0	43	1	7
							0.63	1	4	1	4
SAFETY & SECURITY	Police Service Coverage (%)	32.2	99.8	71.6	80.0	Safety and Security	0.47	-1	42	1	33
	Flood Vulnerability (% of area)	1.0	38.7	25.7	10.0	Flooding	0.95	1	19	1	3
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.34	2	1	1	35
	Traffic Injuries per 100,000 Population	0	1,306	1,480	700	Traffic Safety	0.76	2	1	1	1
							0.08	-1	40	1	46
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	17.2	95.2	60.9	80.0	Water Supply	-0.92	-2	44	-1	54
	HHs Covered by SW Collection Services (%)	90.5	96.3	80.2	90.0	Solid Waste Collection	0.20	1	37	1	45
	HHs with Sewerage Systems (%)	1.5	87.7	51.6	90.0	Drainage Conditions	0.83	-2	48	1	5
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.20	0	40	1	27
							0.12	1	16	1	24
AMENITY	Cultural Facilities per 000 Population	0.74	0.41	0.53	1.00	Access to Entertainment Facilities	0.20	1	12	1	12
	Water Areas per 000 Population (ha)	0.24	1.25	5.52	10.00	Neighborhood Landscape	0.13	-2	42	1	21
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.00	-2	13	0	26
	Green Areas per 000 Population (ha)	37.42	0.01	298.66	300.00	Greenery	0.17	2	19	1	8
	Average Living Space per Capita (m ²)	114.9	22.4	75.3	50.0	Housing Conditions	0.42	2	15	1	21
	Net Population Density (no./ha)	28	206	39	100	Peace and Order Situation	-0.22	2	17	-1	54
							0.63	0	43	1	6
CAPACITY	Average Annual Income (USD)	2,136	3,295	2,619	5,000	Housing	0.34	0	41	1	35
	Motor Vehicle Ownership per 000 Population	410	543	450	250	Transportation Convenience	0.82	2	40	1	10
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	0.68	-2	51	1	7
	Mobile Phone Ownership per 000 Population	249	477	352	500	Telecommunications	0.68	0	46	1	7

Overall Assessment

Objective Assessment Score: 0.24 (40/56)

Subjective Assessment Score: 0.44 (10/56)

rank /
commune

Summary Diagnosis

Overall Assessment The people are generally satisfied with their living conditions in Hoa Phat commune. Improvements can be made in terms of health & well-being.

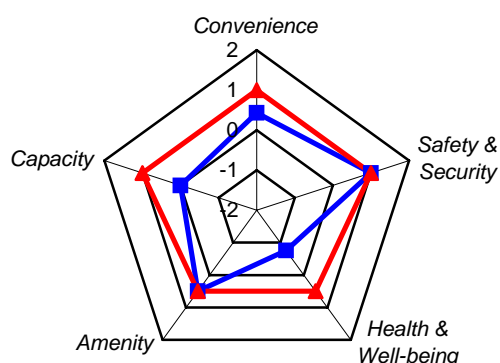
Convenience Though most households have electricity, the connectivity is the lowest in the city.

Safety & Security Based on survey results, traffic injury rate in this commune is 0; so the actual rate should either be 0 or very low. The people feel that traffic safety conditions are very good.

Health & Well-being Improvements can be made in water supply, as piped water connection rate is less than half of the district average. The people also has very low assessment of this indicator.

Amenity The commune has enough greeneries, but lacks cultural facilities and parks / open spaces.

Capacity Based on survey results, internet connection rate in this commune is 0; so, the actual rate could be 0 or very low.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Tho Tay

District: Cam Le

Profile

In 2005, as a result of administrative reform, Cam Le district was established. That year, too, one commune was split into two, Hoa Tho Tay and Hoa Tho Dong. Both communes were formerly part of Hoa Vang district but were moved under the jurisdiction of Cam Le. Hoa Tho Tay commune is located north of the Cam Le River. About a third of the workers in the commune are engaged in agriculture. More than half of the land is green space. Ong Ich Khiem's Tomb and 15 pagodas can be found in this commune.

FACT SHEET

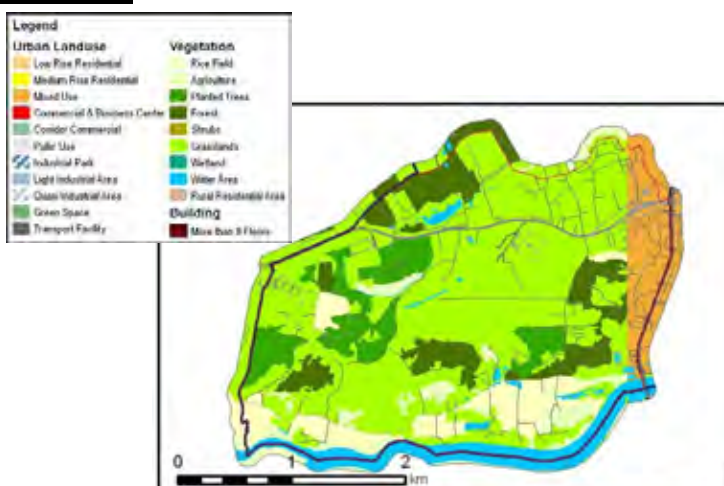
Main Indicators		Value
Population	Population (2000)	16,674
	Population (2007)	8,053
	Average Population Growth Rate (00-07)	1.13
	Gross Population Density Ratio (no./ha)	10
	Net Population Density Ratio (no./ha)	18
Land	Total Area (ha)	847.00
	Net Area (ha) ¹	442.10
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	32 : 39 : 29
	Employment-Residence Ratio (%) ²	1.57
	Enrolment-Residence Ratio (%) ³	0.39
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	2,367
	Poor Households (%)	8.2
	Households with Own Houses (%)	78.1
	Households with Cars/1-2 Motorcycles (%)	85.7
Transportation	Average Travel Time (excluding walking) (min.)	15.6
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	36.96
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	57.2
	Households with Internet Connection (%)	6.1
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	2
	Students (no.)	0
	Teachers (no.)	0

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

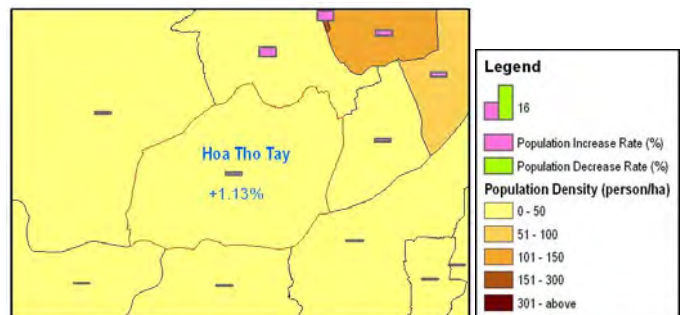
Land Use



Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Tho Tay Commune	ASSESSMENT			
		Hoa Tho Tay Commune	Cam Le District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.63	0	42	1	16
CONVENIENCE	Household Electricity Connection (%)	98	100	99	100	Power Supply	0.56	1	50	1	14
	Road Area Ratio (% per net area)	3.6	19.8	12.8	15.0	Traffic Situation	0.68	-1	44	1	30
	To-work Travel Time (min.)	13.5	14.9	16.7	15.0	To-work Travel Time	0.77	2	6	1	8
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	418	543	450	250	Transportation Convenience	0.74	2	38	1	24
	# of TV Sets per 000 Population	258	407	323	300	Telecommunications	0.51	1	46	1	23
	# of Telephones per 000 Population	176	227	200	300	Telecommunications	0.51	0	44	1	23
							0.03	0	43	1	51
SAFETY & SECURITY	Police Service Coverage (%)	28.8	99.8	71.6	80.0	Safety and Security	-0.12	-1	45	-1	56
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.08	2	1	1	43
	HHs with Permanent Housing (%)	93.9	98.9	98.4	100.0	Housing	0.08	0	51	1	50
	Traffic Injuries per 100,000 Population	2,543	1,306	1,480	700	Traffic Safety	0.07	-2	45	1	33
							0.43	-1	42	1	16
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	22.5	95.2	60.9	80.0	Water Supply	0.16	-2	41	1	38
	HHs Covered by SW Collection Services (%)	77.5	96.3	80.2	90.0	Solid Waste Collection	0.54	-1	42	1	18
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	0.73	-2	51	1	9
	Hospitals per 000 Population	0.12	0.16	0.13	0.15	Access to Health Care	0.28	1	21	1	19
							0.04	1	9	0	35
AMENITY	Cultural Facilities per 000 Population	1.99	0.41	0.53	1.00	Access to Entertainment Facilities	-0.06	2	2	-1	29
	Water Areas per 000 Population (ha)	4.59	1.25	5.52	10.00	Neighborhood Landscape	0.08	-1	18	1	28
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.19	-2	13	-1	35
	Green Areas per 000 Population (ha)	88.32	0.01	298.66	300.00	Greenery	-0.10	2	13	-1	36
	Average Living Space per Capita (m ²)	138.4	22.4	75.3	50.0	Housing Conditions	-0.20	2	13	-1	55
	Net Population Density (no./ha)	18	206	39	100	Peace and Order Situation	0.73	2	14	1	3
							0.46	0	38	1	39
CAPACITY	Average Annual Income (USD)	1,578	3,295	2,619	5,000	Housing	0.08	-1	53	1	50
	Motor Vehicle Ownership per 000 Population	418	543	450	250	Transportation Convenience	0.74	2	38	1	24
	Internet Connections per 000 Population	61	342	174	500	Telecommunications	0.51	-1	41	1	23
	Mobile Phone Ownership per 000 Population	253	477	352	500	Telecommunications	0.51	1	45	1	23

Overall Assessment

Objective Assessment Score: **0.05 (43/56)**
 Subjective Assessment Score: **0.32 (38/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The people are satisfied with their living conditions in Hoa Tho Tay commune. Health & well-being scores are especially high.

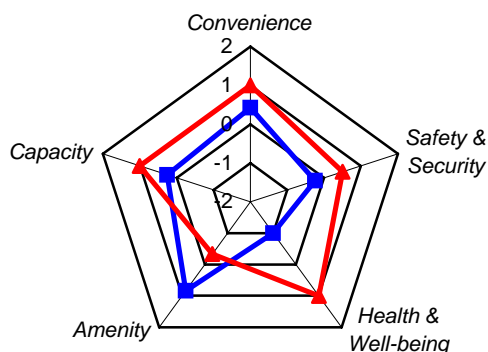
Convenience: The people are satisfied with their short travel time to work, but at the same time feel that the traffic situation can still be improved.

Safety & Security: Police service coverage in this commune is very low. The people are most concerned about safety / security issues.

Health & Well-being: Facilities and services related to health & well-being are significantly poorer in this commune.

Amenity: There are sufficient greeneries and water areas, but the commune lacks parks / open spaces. The people are quite dissatisfied with their housing conditions.

Capacity: The average annual income in the commune is one of the worst in the city. The people are not satisfied with their housing conditions either.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Tho Dong

District: Cam Le

Profile

In 2005, as a result of administrative reform, Cam Le district was established. That year, too, one commune was split into two, Hoa Tho Tay and Hoa Tho Dong. Both communes were formerly part of Hoa Vang district but were moved under the jurisdiction of Cam Le. Hoa Tho Dong commune attracts much daytime population, both workers and students. The district people's committee office is located in this commune. The percentage of poor households here is relatively high.

FACT SHEET

Main Indicators		Value
Population	Population (2000)	16,674
	Population (2007)	9,985
	Average Population Growth Rate (00-07)	1.13
	Gross Population Density Ratio (no./ha)	39
	Net Population Density Ratio (no./ha)	44
Land	Total Area (ha)	254.00
	Net Area (ha) ¹	229.08
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	6 : 33 : 61
	Employment-Residence Ratio (%) ²	1.43
	Enrolment-Residence Ratio (%) ³	1.63
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	3,241
	Poor Households (%)	8.1
	Households with Own Houses (%)	97.1
	Households with Cars/1-2 Motorcycles (%)	82.0
Transportation	Average Travel Time (excluding walking) (min.)	13.7
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	5.92
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	60.7
	Households with Internet Connection (%)	8.3
Health	Hospitals (no.)	2
	Hospital Beds (no.)	170
	Doctors (no.)	34
Education	Schools (no.)	6
	Teachers (no.)	60

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

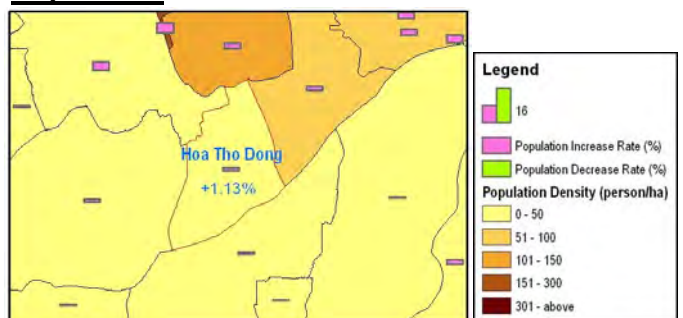
Land Use



Location



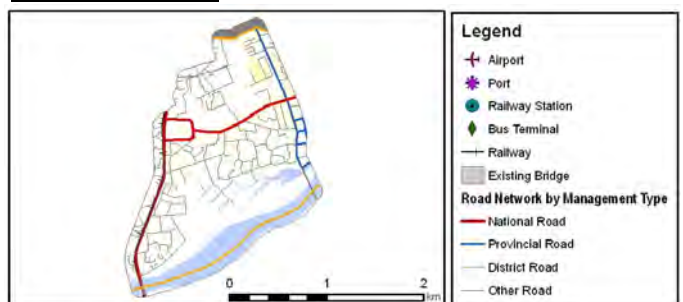
Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Tho Dong Commune	ASSESSMENT			
		Hoa Tho Dong Commune	Cam Le District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							0.62	1	37	1	17
	Household Electricity Connection (%)	98	100	99	100	Power Supply	0.78	1	49	1	5
	Road Area Ratio (% per net area)	9.1	19.8	12.8	15.0	Traffic Situation	0.77	0	36	1	17
	To-work Travel Time (min.)	14.5	14.9	16.7	15.0	To-work Travel Time	0.78	2	15	1	6
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	7	0	17
	Motor Vehicle Ownership per 000 Population	422	543	450	250	Transportation Convenience	0.83	2	36	1	9
	# of TV Sets per 000 Population	286	407	323	300	Telecommunications	0.58	1	35	1	12
# of Telephones per 000 Population	184	227	200	300	Telecommunications	0.58	0	38	1	12	
							0.20	1	11	0	45
SAFETY & SECURITY	Police Service Coverage (%)	99.0	99.8	71.6	80.0	Safety and Security	0.70	2	30	1	13
	Flood Vulnerability (% of area)	2.5	38.7	25.7	10.0	Flooding	-0.30	1	22	-1	50
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.39	2	1	1	27
	Traffic Injuries per 100,000 Population	2,950	1,306	1,480	700	Traffic Safety	0.01	-2	49	0	40
							0.30	-1	37	1	31
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	61.6	95.2	60.9	80.0	Water Supply	0.41	-1	34	1	20
	HHs Covered by SW Collection Services (%)	77.1	96.3	80.2	90.0	Solid Waste Collection	0.28	-1	43	1	38
	HHs with Sewerage Systems (%)	31.1	87.7	51.6	90.0	Drainage Conditions	-0.18	-2	34	-1	53
	Hospitals per 000 Population	0.20	0.16	0.13	0.15	Access to Health Care	0.68	2	9	1	5
							0.43	0	24	1	4
AMENITY	Cultural Facilities per 000 Population	1.00	0.41	0.53	1.00	Access to Entertainment Facilities	0.69	2	5	1	2
	Water Areas per 000 Population (ha)	0.59	1.25	5.52	10.00	Neighborhood Landscape	0.08	-2	37	1	27
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.62	-2	13	1	3
	Green Areas per 000 Population (ha)	0.69	0.01	298.66	300.00	Greenery	0.45	-2	30	1	3
	Average Living Space per Capita (m ²)	82.0	22.4	75.3	50.0	Housing Conditions	0.39	2	16	1	28
	Net Population Density (no./ha)	44	206	39	100	Peace and Order Situation	0.36	2	24	1	21
							0.60	1	34	1	10
CAPACITY	Average Annual Income (USD)	2,161	3,295	2,619	5,000	Housing	0.39	0	39	1	27
	Motor Vehicle Ownership per 000 Population	422	543	450	250	Transportation Convenience	0.83	2	36	1	9
	Internet Connections per 000 Population	83	342	174	500	Telecommunications	0.58	-1	40	1	12
	Mobile Phone Ownership per 000 Population	295	477	352	500	Telecommunications	0.58	1	39	1	12

Overall Assessment

Objective Assessment Score: 0.26 (39/56)
Subjective Assessment Score: 0.43 (13/56)

rank /
commune

Summary Diagnosis

Overall Assessment The living conditions in Hoa Tho Dong commune are generally good, and the people are especially satisfied with the amenities.

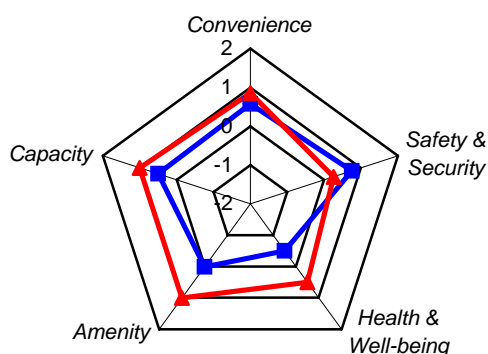
Convenience The ownership rates for motor vehicles and TV sets are slightly below the district average, but the people are satisfied in general.

Safety & Security Traffic injury rate is quite high; almost 3% of the population were victims of traffic accidents. The people are also concerned about flooding.

Health & Well-being The sewerage system is not well provided, and the people feel that drainage conditions should be improved.

Amenity Though the commune lacks cultural facilities or parks / open spaces, the people still feel that amenity levels are generally quite good.

Capacity The average annual income, internet connection, and ownership rate for mobile phones are relatively low.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Xuan

District: Cam Le

Profile

In 2005, as a result of administrative reform, Hoa Xuan commune was transferred from Hoa Vang to Cam Le district. This commune is bordered by the Cam Le, Do Toan, and Can Bien rivers. As the commune has low elevation, it is naturally very vulnerable to floods. Its population did not increase much from 2000 to 2007. About 38% of the land is devoted to agriculture, and 37% of workers are engaged in the primary sector.

FACT SHEET

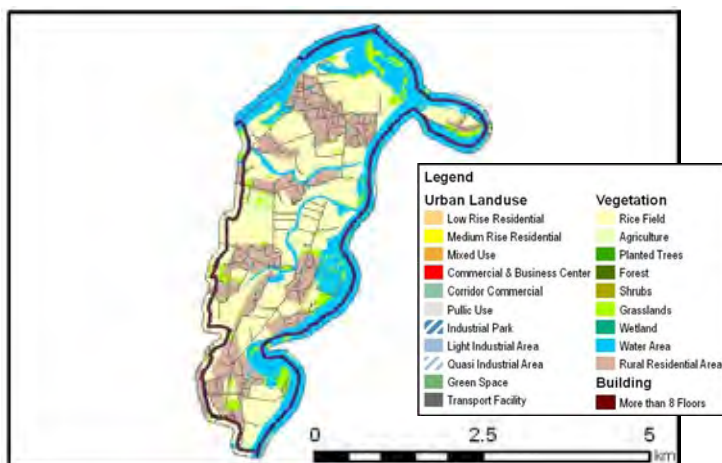
Main Indicators		Value
Population	Population (2000)	10,904
	Population (2007)	11,160
	Average Population Growth Rate (00-07)	0.33
	Gross Population Density Ratio (no./ha)	11
	Net Population Density Ratio (no./ha)	21
Land	Total Area (ha)	990.00
	Net Area (ha) ¹	541.95
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	37 : 37 : 26
	Employment-Residence Ratio (%) ²	0.60
	Enrolment-Residence Ratio (%) ³	0.53
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	2,987
	Poor Households (%)	4.3
	Households with Own Houses (%)	78.5
	Households with Cars/1-2 Motorcycles (%)	81.4
Transportation	Average Travel Time (excluding walking) (min.)	17.0
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	259.74
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	61.4
	Households with Internet Connection (%)	2.8
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	12
	Students (no.)	1,709
	Teachers (no.)	97

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

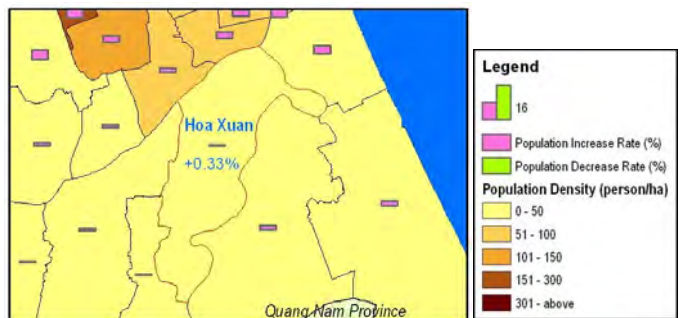
Land Use



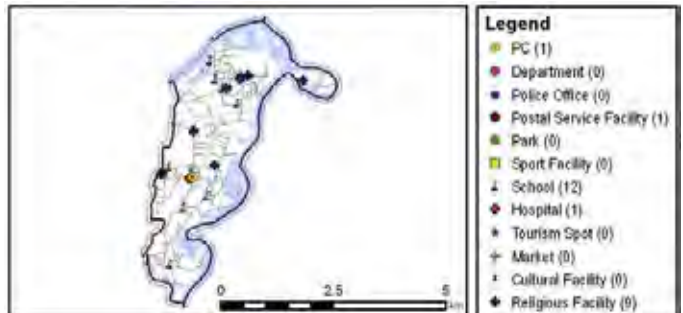
Location



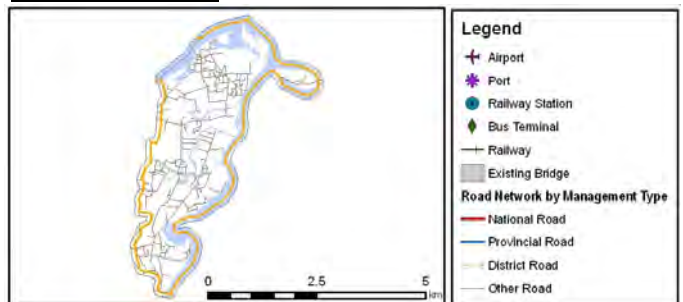
Population



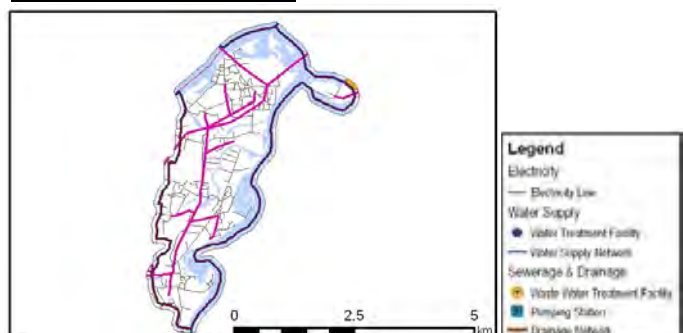
Public Facilities



Transportation



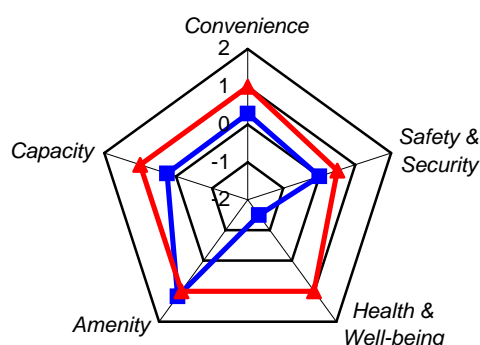
Urban Infrastructure



Statistical Data on Current Condition	2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Hoa Xuan Commune	ASSESSMENT			
	Hoa Xuan Commune	Cam Le District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.58	0	46	1	22
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.70	1	47	1	9
	Road Area Ratio (% per net area)	1.6	19.8	12.8	15.0	Traffic Situation	0.61	-2	50	1	34
	To-work Travel Time (min.)	20.2	14.9	16.7	15.0	To-work Travel Time	0.54	1	48	1	31
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	457	543	450	250	Transportation Convenience	0.67	2	27	1	32
	# of TV Sets per 000 Population	305	407	323	300	Telecommunications	0.48	2	32	1	27
	# of Telephones per 000 Population	168	227	200	300	Telecommunications	0.48	0	46	1	27
							0.16	0	25	1	47
SAFETY & SECURITY	Police Service Coverage (%)	69.2	99.8	71.6	80.0	Safety and Security	0.72	1	38	1	11
	Flood Vulnerability (% of area)	99.9	38.7	25.7	10.0	Flooding	-0.87	-2	56	-1	54
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	0.44	1	39	1	19
	Traffic Injuries per 100,000 Population	438	1,306	1,480	700	Traffic Safety	0.33	0	13	1	12
							0.18	-2	50	1	41
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	44.3	95.2	60.9	80.0	Water Supply	0.22	-2	38	1	34
	HHs Covered by SW Collection Services (%)	47.1	96.3	80.2	90.0	Solid Waste Collection	0.24	-2	46	1	43
	HHs with Sewerage Systems (%)	4.3	87.7	51.6	90.0	Drainage Conditions	0.14	-2	45	1	45
	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.13	0	31	1	32
							0.50	1	2	1	3
AMENITY	Cultural Facilities per 000 Population	0.81	0.41	0.53	1.00	Access to Entertainment Facilities	0.25	1	9	1	9
	Water Areas per 000 Population (ha)	23.27	1.25	5.52	10.00	Neighborhood Landscape	0.57	2	5	1	2
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.24	-2	13	1	11
	Green Areas per 000 Population (ha)	64.67	0.01	298.66	300.00	Greenery	0.62	2	16	1	1
	Average Living Space per Capita (m ²)	255.6	22.4	75.3	50.0	Housing Conditions	0.37	2	2	1	31
	Net Population Density (no./ha)	21	206	39	100	Peace and Order Situation	0.97	2	16	1	2
							0.52	0	38	1	28
CAPACITY	Average Annual Income (USD)	1,991	3,295	2,619	5,000	Housing	0.44	-1	42	1	19
	Motor Vehicle Ownership per 000 Population	457	543	450	250	Transportation Convenience	0.67	2	27	1	32
	Internet Connections per 000 Population	28	342	174	500	Telecommunications	0.48	-1	45	1	27
	Mobile Phone Ownership per 000 Population	277	477	352	500	Telecommunications	0.48	1	41	1	27

Overall AssessmentObjective Assessment Score: **0.04** (44/56)Subjective Assessment Score: **0.39** (25/56)rank /
commune**Summary Diagnosis**

Overall Assessment The people in the commune are generally satisfied with their living conditions, but the poor's health & well-being conditions stand out.

Convenience The road area ratio in this commune is extremely low. The people here spend more time in commuting than the city average.**Safety & Security** Almost all the area in Hoa Xuan commune is vulnerable to floods, and the people's concern about flooding is also very high.**Health & Well-being** As flooding is one of the main issues in this commune, the people feel that the drainage conditions should be improved.**Amenity** People are satisfied with their neighborhood landscape and peace & order situation.**Capacity** Average annual income is not high, and internet connection ratings and mobile phone possession rates are below the district average as well as the city average.

Commune: Khue Trung

District: Cam Le

Profile

In 2005, as a result of administrative reform, Khue Trung commune was transferred from Hai Chau to Cam Le district. This commune is bordered by the Danang International Airport to the north and by the Cam Le River to the south. Its population grew slowly from 2000 to 2007. Public transportation use is slightly higher here compared to other communes, although the number is still low. Khue Trung Cemetery is located in this commune.

FACT SHEET

Main Indicators		Value
Population	Population (2000)	13,692
	Population (2007)	15,383
	Average Population Growth Rate (00-07)	1.68
	Gross Population Density Ratio (no./ha)	49
	Net Population Density Ratio (no./ha)	65
Land	Total Area (ha)	311.00
	Net Area (ha) ¹	236.34
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	5 : 39 : 57
	Employment-Residence Ratio (%) ²	1.18
	Enrolment-Residence Ratio (%) ³	0.98
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	3,548
	Poor Households (%)	4.4
	Households with Own Houses (%)	94.8
	Households with Cars/1-2 Motorcycles (%)	93.5
Transportation	Average Travel Time (excluding walking) (min.)	13.9
	Public Transportation Usage (all trips) (%)	1.4
Landscape Areas	Water Surface (ha)	24.69
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	82.6
	Households with Internet Connection (%)	17.4
Health	Hospitals (no.)	2
	Hospital Beds (no.)	100
	Doctors (no.)	18
Education	Schools (no.)	6
	Students (no.)	4,711
	Teachers (no.)	228

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

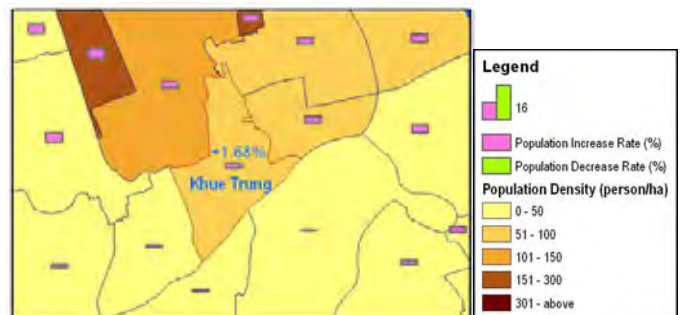
Land Use



Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Khue Trung Commune	ASSESSMENT			
		Khue Trung Commune	Cam Le District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							0.54	1	1	1	29
	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.47	2	1	1	19
	Road Area Ratio (% per net area)	20.5	19.8	12.8	15.0	Traffic Situation	0.61	2	10	1	35
	To-work Travel Time (min.)	16.4	14.9	16.7	15.0	To-work Travel Time	0.45	2	33	1	40
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	458	543	450	250	Transportation Convenience	0.58	2	26	1	39
	# of TV Sets per 000 Population	339	407	323	300	Telecommunications	0.56	2	22	1	16
	# of Telephones per 000 Population	209	227	200	300	Telecommunications	0.56	1	29	1	16
SAFETY & SECURITY							0.49	0	25	1	9
	Police Service Coverage (%)	100.0	99.8	71.6	80.0	Safety and Security	0.51	2	16	1	26
	Flood Vulnerability (% of area)	31.0	38.7	25.7	10.0	Flooding	0.90	-2	36	1	4
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.55	2	1	1	8
HEALTH & WELL-BEING							0.40	0	30	1	20
	HHs with Piped Water Connection (%)	55.4	95.2	60.9	80.0	Water Supply	0.46	-1	35	1	12
	HHs Covered by SW Collection Services (%)	95.6	96.3	80.2	90.0	Solid Waste Collection	0.66	2	32	1	12
	HHs with Sewerage Systems (%)	48.9	87.7	51.6	90.0	Drainage Conditions	0.63	-2	31	1	15
	Hospitals per 000 Population	0.13	0.16	0.13	0.15	Access to Health Care	-0.14	1	20	-1	53
AMENITY							0.02	0	27	0	39
	Cultural Facilities per 000 Population	0.46	0.41	0.53	1.00	Access to Entertainment Facilities	-0.37	0	23	-1	48
	Water Areas per 000 Population (ha)	1.60	1.25	5.52	10.00	Neighborhood Landscape	0.23	-1	26	1	6
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.33	-2	13	-1	45
	Green Areas per 000 Population (ha)	1.44	0.01	298.66	300.00	Greenery	0.03	-2	27	0	24
	Average Living Space per Capita (m ²)	45.2	22.4	75.3	50.0	Housing Conditions	0.41	2	24	1	23
	Net Population Density (no./ha)	65	206	39	100	Peace and Order Situation	0.15	2	28	1	36
CAPACITY							0.56	1	25	1	17
	Average Annual Income (USD)	2,366	3,295	2,619	5,000	Housing	0.55	0	35	1	8
	Motor Vehicle Ownership per 000 Population	458	543	450	250	Transportation Convenience	0.58	2	26	1	39
	Internet Connections per 000 Population	174	342	174	500	Telecommunications	0.56	0	26	1	16
	Mobile Phone Ownership per 000 Population	394	477	352	500	Telecommunications	0.56	1	22	1	16

Overall Assessment

Objective Assessment Score: **0.37 (32/56)**
 Subjective Assessment Score: **0.40 (20/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The people's assessment of their living conditions is good, while objective scores for safety & security and amenity are low.

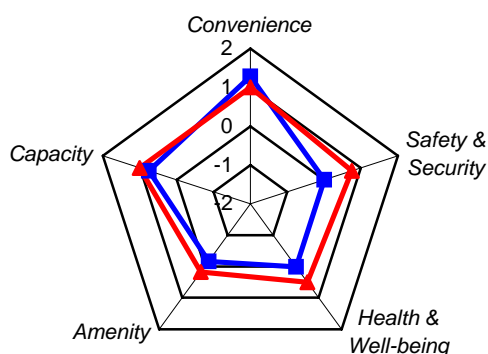
Convenience: The road area ratio is quite high, nearly twice that of the city average. The people are rather dissatisfied with travel time to work.

Safety & Security: The people feel that traffic safety is an issue. Improvements should also be made in piped water connection and provision of sewerage systems.

Health & Well-being: Though the number of hospitals per 1000 population is the same as the city average, most people feel that access to health care is bad.

Amenity: Many people feel that access to entertainment facilities, parks, and green spaces is not high.

Capacity: The people are generally satisfied with the housing and telecommunications services in the commune.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Hiep Nam

District: Lien Chieu

Profile

In 2005, as a result of administrative reform, one commune was split into two, Hoa Hiep Nam and Hoa Hiep Bac. Hoa Hiep Nam commune is where the Hoa Khanh Industrial Zone is located. In this commune, the percentage of people engaged in the secondary sector is the highest, nearly half of all the workers. The commune is relatively poor, as household incomes are low. More than 1 out of 10 households are classified as poor by DOLISA standards.

FACT SHEET

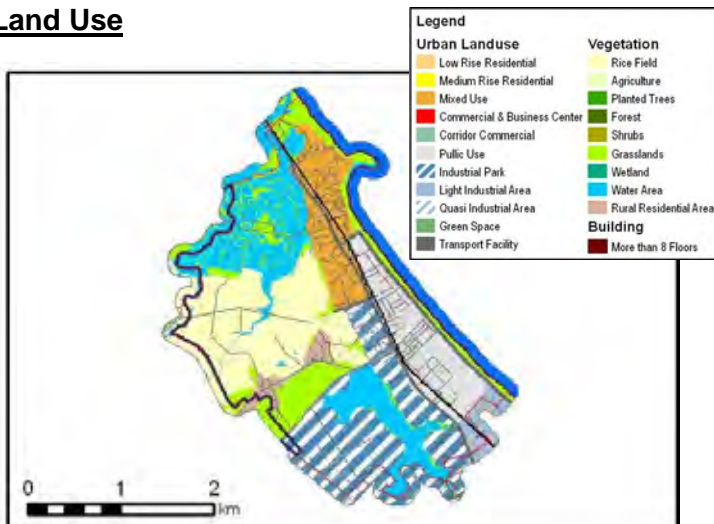
Main Indicators		Value
Population	Population (2000)	23,217
	Population (2007)	15,428
	Average Population Growth Rate (00-07)	2.57
	Gross Population Density Ratio (no./ha)	19
	Net Population Density Ratio (no./ha)	33
Land	Total Area (ha)	796.00
	Net Area (ha) ¹	472.83
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	14 : 48 : 38
	Employment-Residence Ratio (%) ²	0.67
	Enrolment-Residence Ratio (%) ³	0.46
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	2,796
	Poor Households (%)	10.8
	Households with Own Houses (%)	96.8
	Households with Cars/1-2 Motorcycles (%)	81.9
Transportation	Average Travel Time (excluding walking) (min.)	11.6
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	146.18
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	63.9
	Households with Internet Connection (%)	3.2
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	8
	Students (no.)	3,183
	Teachers (no.)	157

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

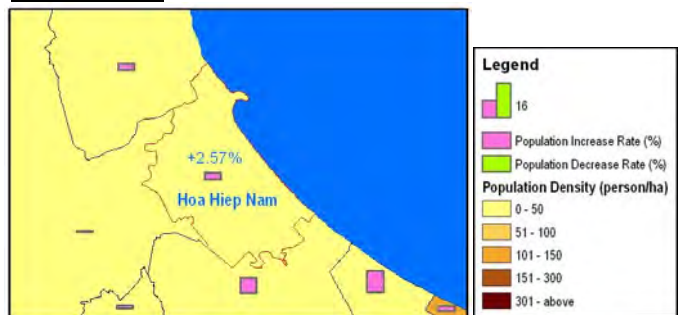
Land Use



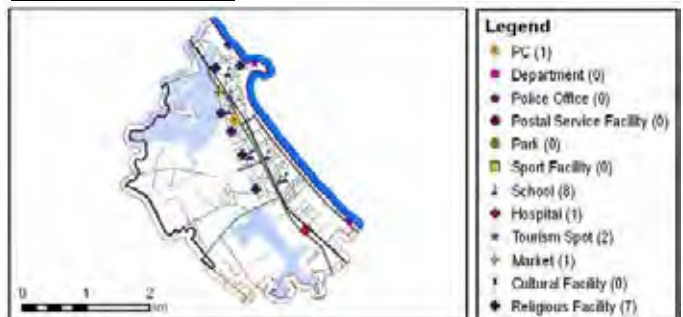
Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Hiep Nam Commune	ASSESSMENT			
		Hoa Hiep Nam Commune	Lien Chieu District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.66	1	37	1	7
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.68	2	1	1	10
	Road Area Ratio (% per net area)	9.3	19.8	12.8	15.0	Traffic Situation	0.55	0	34	1	42
	To-work Travel Time (min.)	12.4	14.9	16.7	15.0	To-work Travel Time	0.27	2	2	1	47
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	7	1	1
	Motor Vehicle Ownership per 000 Population	323	543	450	250	Transportation Convenience	0.45	1	54	1	48
	# of TV Sets per 000 Population	279	407	323	300	Telecommunications	0.84	1	38	1	4
	# of Telephones per 000 Population	162	227	200	300	Telecommunications	0.84	0	49	1	4
							0.48	1	11	1	11
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.73	-2	51	1	10
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.35	2	1	1	29
	HHs with Permanent Housing (%)	98.9	98.9	98.4	100.0	Housing	0.27	1	30	1	41
	Traffic Injuries per 100,000 Population	0	1,306	1,480	700	Traffic Safety	0.55	2	1	1	6
							0.64	-1	37	1	5
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	44.7	95.2	60.9	80.0	Water Supply	0.64	-2	37	1	5
	HHs Covered by SW Collection Services (%)	95.7	96.3	80.2	90.0	Solid Waste Collection	0.95	2	31	1	1
	HHs with Sewerage Systems (%)	58.6	87.7	51.6	90.0	Drainage Conditions	0.70	-2	29	1	11
	Hospitals per 000 Population	0.08	0.16	0.13	0.15	Access to Health Care	0.28	0	35	1	21
								0.37	1	9	1
AMENITY	Cultural Facilities per 000 Population	0.73	0.41	0.53	1.00	Access to Entertainment Facilities	0.67	1	13	1	3
	Water Areas per 000 Population (ha)	9.47	1.25	5.52	10.00	Neighborhood Landscape	0.32	0	8	1	3
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.53	-2	13	1	4
	Green Areas per 000 Population (ha)	19.89	0.01	298.66	300.00	Greenery	0.28	2	20	1	4
	Average Living Space per Capita (m ²)	43.7	22.4	75.3	50.0	Housing Conditions	0.21	2	25	1	43
	Net Population Density (no./ha)	33	206	39	100	Peace and Order Situation	0.18	2	20	1	35
							0.60	0	43	1	9
CAPACITY	Average Annual Income (USD)	1,864	3,295	2,619	5,000	Housing	0.27	-1	44	1	41
	Motor Vehicle Ownership per 000 Population	323	543	450	250	Transportation Convenience	0.45	1	54	1	48
	Internet Connections per 000 Population	32	342	174	500	Telecommunications	0.84	-1	43	1	4
	Mobile Phone Ownership per 000 Population	269	477	352	500	Telecommunications	0.84	1	42	1	4

Overall Assessment

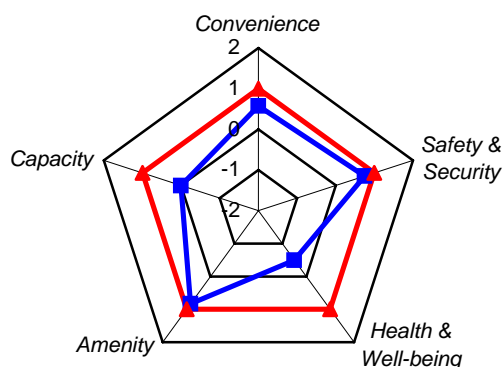
Objective Assessment Score: 0.33 (35/56)

Subjective Assessment Score: 0.55 (4/56)

rank /
commune

Summary Diagnosis

Overall Assessment: The overall living conditions in Hoa Hiep Nam commune are good.



— Objective Assessment Score — Subjective Assessment Score

Convenience: Motor vehicle ownership rate is low compared to other communes, and the people feel inconvenienced by the transportation situation.

Safety & Security: Traffic injury rate in this commune is 0, based on survey results. The people feel that traffic safety levels are good.

Health & Well-being: The supply of piped water and the provision of sewerage systems need to be improved. On the other hand, the rate of solid waste collection is high and the people are satisfied.

Amenity: Amenity conditions are quite good in this commune. The people feel that housing conditions and peace & order could be improved.

Capacity: Average annual income is much lower than both the district average and the city average.

Commune: Hoa Khanh Nam

District: Lien Chieu

Profile

In 2005, as a result of administrative reform, one commune was split into two, Hoa Khanh Nam and Hoa Khanh Bac. In Hoa Khanh Nam commune, land is used for various purposes, consisting of the following: green space (58%), agriculture (13%), forests (10%), mixed residential-commercial use (9%), military (4%), transportation (3%), light industrial (1%), and rivers / lakes (1%). The commune attracts much daytime population, both employment and students. Khanh Son dumping site is located in this commune.

FACT SHEET

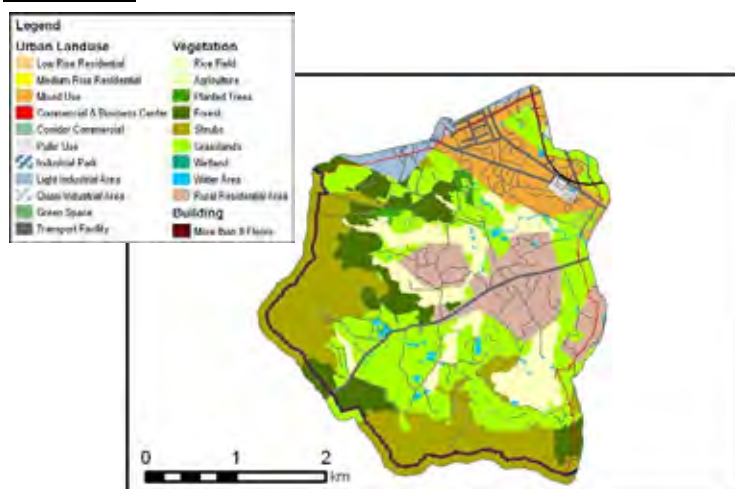
Main Indicators		Value
Population	Population (2000)	28,273
	Population (2007)	13,918
	Average Population Growth Rate (00-07)	6.06
	Gross Population Density Ratio (no./ha)	13
	Net Population Density Ratio (no./ha)	29
Land	Total Area (ha)	1049.00
	Net Area (ha) ¹	485.86
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	0 : 20 : 80
	Employment-Residence Ratio (%) ²	1.19
	Enrolment-Residence Ratio (%) ³	1.25
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	4,404
	Poor Households (%)	4.0
	Households with Own Houses (%)	87.2
	Households with Cars/1-2 Motorcycles (%)	93.2
Transportation	Average Travel Time (excluding walking) (min.)	16.8
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	13.95
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	74.4
	Households with Internet Connection (%)	9.4
Health	Hospitals (no.)	3
	Hospital Beds (no.)	100
	Doctors (no.)	25
Education	Schools (no.)	7
	Students (no.)	1,805
	Teachers (no.)	73

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

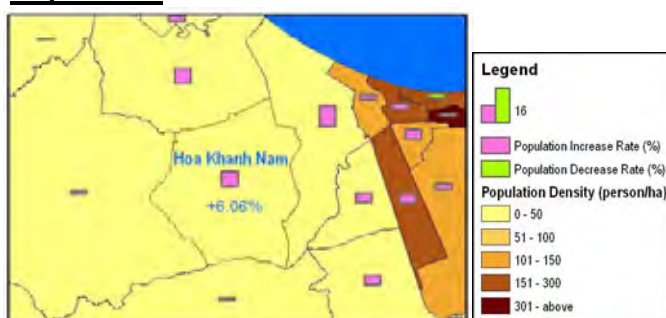
Land Use



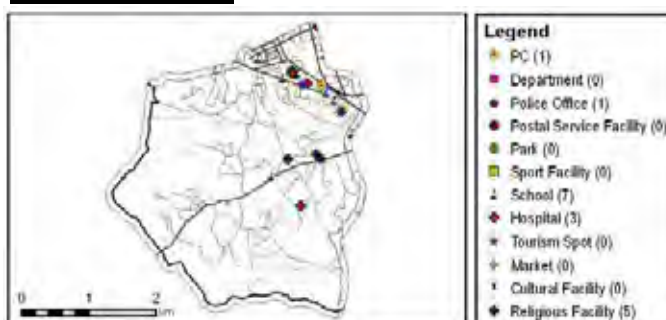
Location



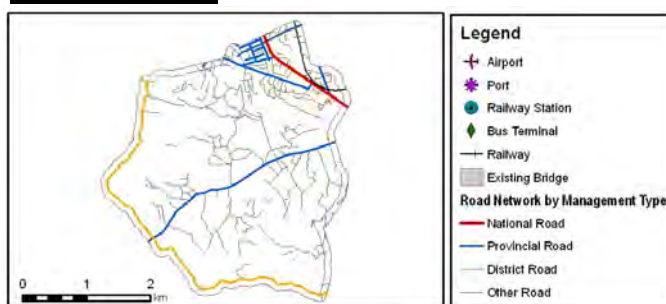
Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Khanh Nam Commune	ASSESSMENT			
		Hoa Khanh Nam Commune	Lien Chieu District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.64	1	30	1	14
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.36	2	1	1	29
	Road Area Ratio (% per net area)	5.6	19.8	12.8	15.0	Traffic Situation	0.75	0	39	1	24
	To-work Travel Time (min.)	16.8	14.9	16.7	15.0	To-work Travel Time	0.45	2	34	1	39
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	428	543	450	250	Transportation Convenience	0.80	2	34	1	16
	# of TV Sets per 000 Population	313	407	323	300	Telecommunications	0.75	2	31	1	5
	# of Telephones per 000 Population	224	227	200	300	Telecommunications	0.75	1	15	1	5
							0.07	-1	51	1	50
SAFETY & SECURITY	Police Service Coverage (%)	53.0	99.8	71.6	80.0	Safety and Security	0.30	0	40	1	45
	Flood Vulnerability (% of area)	10.2	38.7	25.7	10.0	Flooding	0.18	-2	25	1	39
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	0.08	1	36	1	49
	Traffic Injuries per 100,000 Population	1,645	1,306	1,480	700	Traffic Safety	-0.29	-2	35	-1	54
							0.30	1	21	1	32
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	91.9	95.2	60.9	80.0	Water Supply	0.63	0	14	1	6
	HHs Covered by SW Collection Services (%)	98.6	96.3	80.2	90.0	Solid Waste Collection	0.55	2	15	1	17
	HHs with Sewerage Systems (%)	74.4	87.7	51.6	90.0	Drainage Conditions	-0.39	-1	26	-1	54
	Hospitals per 000 Population	0.19	0.16	0.13	0.15	Access to Health Care	0.41	1	10	1	11
							0.21	0	21	1	14
AMENITY	Cultural Facilities per 000 Population	0.32	0.41	0.53	1.00	Access to Entertainment Facilities	0.33	-1	32	1	6
	Water Areas per 000 Population (ha)	1.00	1.25	5.52	10.00	Neighborhood Landscape	0.04	-1	30	0	35
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.51	-2	13	1	5
	Green Areas per 000 Population (ha)	61.35	0.01	298.66	300.00	Greenery	0.07	2	17	1	20
	Average Living Space per Capita (m ²)	60.3	22.4	75.3	50.0	Housing Conditions	0.42	2	20	1	22
	Net Population Density (no./ha)	29	206	39	100	Peace and Order Situation	-0.08	2	18	-1	53
							0.60	1	34	1	11
CAPACITY	Average Annual Income (USD)	2,936	3,295	2,619	5,000	Housing	0.08	0	22	1	49
	Motor Vehicle Ownership per 000 Population	428	543	450	250	Transportation Convenience	0.80	2	34	1	16
	Internet Connections per 000 Population	94	342	174	500	Telecommunications	0.75	-1	38	1	5
	Mobile Phone Ownership per 000 Population	404	477	352	500	Telecommunications	0.75	1	20	1	5

Overall Assessment

Objective Assessment Score: 0.32 (36/56)

Subjective Assessment Score: 0.36 (31/56)

rank /
commune

Summary Diagnosis

Overall Assessment The living conditions and are generally good in Hoa Khanh Nam Commune, but both objective and subjective scores for safety & security is low.

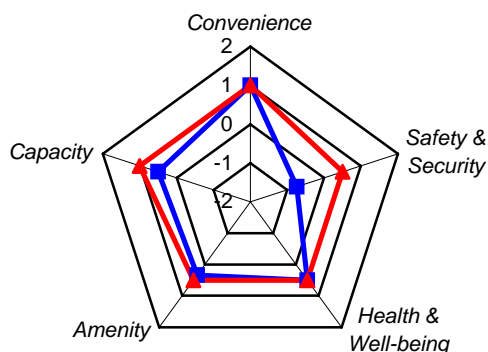
Convenience The people are quite satisfied with the convenience indicators, especially telecommunications services.

Safety & Security Police area coverage is low, and many people are concerned with safety / security issues. Traffic safety is also a problem.

Health & Well-being The people feel the need drainage conditions need to be improved.

Amenity Amenity scores are relatively high, but access to cultural facilities, parks / open space should be improved.

Capacity Internet connection among households is very low; but the people are satisfied with telecommunications services.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Minh

District: Lien Chieu

Profile

Population growth in Hoa Minh commune is conspicuous at an annual rate of 8.3%. The district people's committee office is located in this commune. Some 19 schools, including 1 university and 3 colleges are also located here; therefore, the daytime student ratio is high. Many religious facilities are also here, including 11 pagodas and 1 church.

FACT SHEET

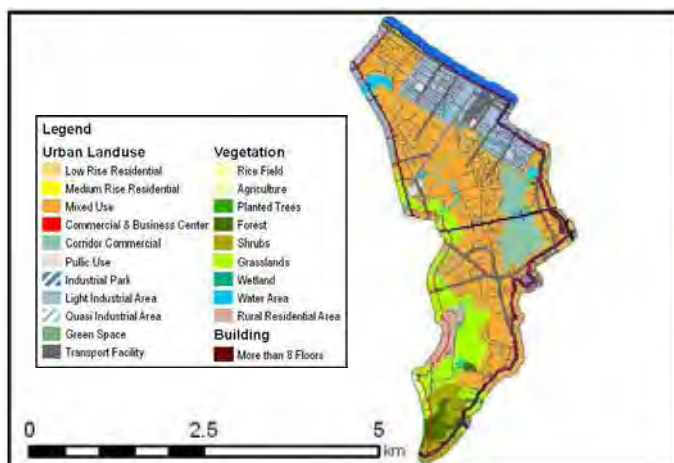
Main Indicators		Value
Population	Population (2000)	14,153
	Population (2007)	24,679
	Average Population Growth Rate (00-07)	8.27
	Gross Population Density Ratio (no./ha)	31
	Net Population Density Ratio (no./ha)	38
Land	Total Area (ha)	797.00
	Net Area (ha) ¹	656.68
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	2 : 30 : 68
	Employment-Residence Ratio (%) ²	0.86
	Enrolment-Residence Ratio (%) ³	2.44
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	3,585
	Poor Households (%)	3.1
	Households with Own Houses (%)	96.8
	Households with Cars/1-2 Motorcycles (%)	93.8
Transportation	Average Travel Time (excluding walking) (min.)	16.1
	Public Transportation Usage (all trips) (%)	3.3
Landscape Areas	Water Surface (ha)	21.44
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	84.5
	Households with Internet Connection (%)	13.2
Health	Hospitals (no.)	3
	Hospital Beds (no.)	170
	Doctors (no.)	10
Education	Schools (no.)	19
	Students (no.)	6,376
	Teachers (no.)	335

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

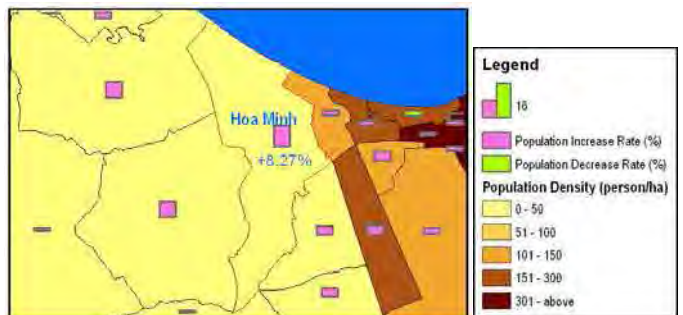
Land Use



Location



Population



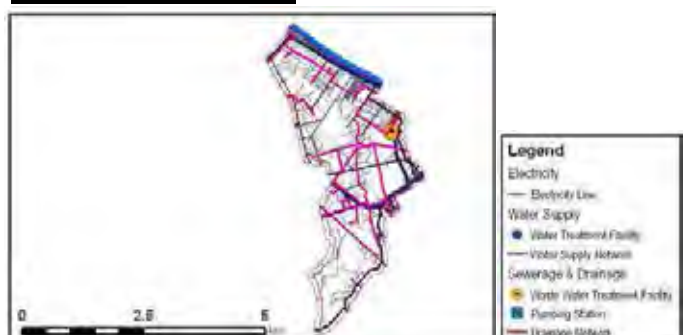
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Minh Commune	ASSESSMENT			
		Hoa Minh Commune	Lien Chieu District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.68	1	20	1	5
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.67	2	1	1	11
	Road Area Ratio (% per net area)	11.1	19.8	12.8	15.0	Traffic Situation	0.60	1	29	1	36
	To-work Travel Time (min.)	17.4	14.9	16.7	15.0	To-work Travel Time	0.67	2	40	1	18
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	421	543	450	250	Transportation Convenience	0.89	2	37	1	3
	# of TV Sets per 000 Population	335	407	323	300	Telecommunications	0.63	2	24	1	8
	# of Telephones per 000 Population	204	227	200	300	Telecommunications	0.63	1	31	1	8
							0.21	1	16	1	43
SAFETY & SECURITY	Police Service Coverage (%)	80.1	99.8	71.6	80.0	Safety and Security	0.52	2	36	1	25
	Flood Vulnerability (% of area)	13.5	38.7	25.7	10.0	Flooding	0.05	-2	27	1	44
	HHs with Permanent Housing (%)	99.2	98.9	98.4	100.0	Housing	0.44	1	27	1	20
	Traffic Injuries per 100,000 Population	176	1,306	1,480	700	Traffic Safety	-0.17	1	8	-1	48
							0.26	0	33	1	38
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	34.1	95.2	60.9	80.0	Water Supply	0.27	-2	40	1	33
	HHs Covered by SW Collection Services (%)	98.5	96.3	80.2	90.0	Solid Waste Collection	0.61	2	16	1	14
	HHs with Sewerage Systems (%)	28.7	87.7	51.6	90.0	Drainage Conditions	-0.01	-2	36	0	47
	Hospitals per 000 Population	0.10	0.16	0.13	0.15	Access to Health Care	0.17	1	25	1	28
								0.04	0	24	0
AMENITY	Cultural Facilities per 000 Population	0.42	0.41	0.53	1.00	Access to Entertainment Facilities	-0.23	0	26	-1	38
	Water Areas per 000 Population (ha)	0.87	1.25	5.52	10.00	Neighborhood Landscape	0.23	-2	33	1	9
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.20	-2	13	-1	37
	Green Areas per 000 Population (ha)	6.08	0.01	298.66	300.00	Greenery	-0.05	0	24	0	32
	Average Living Space per Capita (m ²)	51.5	22.4	75.3	50.0	Housing Conditions	0.26	2	21	1	42
	Net Population Density (no./ha)	38	206	39	100	Peace and Order Situation	0.23	2	22	1	32
								0.65	1	25	1
CAPACITY	Average Annual Income (USD)	2,390	3,295	2,619	5,000	Housing	0.44	0	34	1	20
	Motor Vehicle Ownership per 000 Population	421	543	450	250	Transportation Convenience	0.89	2	37	1	3
	Internet Connections per 000 Population	132	342	174	500	Telecommunications	0.63	0	33	1	8
	Mobile Phone Ownership per 000 Population	441	477	352	500	Telecommunications	0.63	1	14	1	8

Overall Assessment

Objective Assessment Score: 0.43 (24/56)
Subjective Assessment Score: 0.37 (30/56)

rank /
commune

Summary Diagnosis

Overall Assessment The overall living conditions in Hoa Minh commune are acceptable, but the objective scores are negative for health & well-being and amenity.

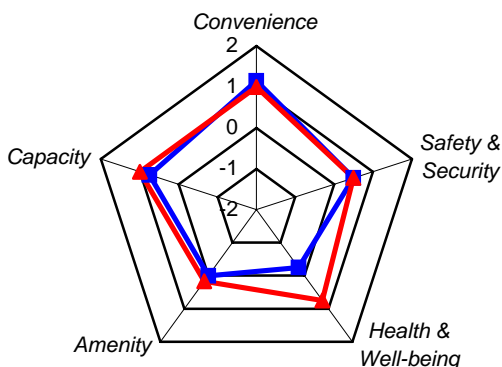
Convenience Though the overall status is good, traffic has to be improved.

Safety & Security Though the traffic injury rate is low compared to other communes, the people are concerned about traffic safety.

Health & Well-being Piped water connection and sewerage system provision rates are especially low. The people are dissatisfied with the drainage conditions.

Amenity The commune is spacious and amenity conditions are good. However, the people are dissatisfied with their access to entertainment facilities, parks, and green spaces.

Capacity Though the average annual income is lower than the city average, both objective and subjective scores are high for capacity.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Hiep Bac

District: Lien Chieu

Profile

In 2005, as a result of administrative reform, one commune was split into two, Hoa Hiep Bac and Hoa Hiep Nam. Population density is very low in Hoa Hiep Bac commune. Its famous landmark is the Hai Van Pass, which provides a beautiful view of the city from the mountains. The Nam Hai cultural and historical site and the Lien Chieu Industrial Zone are located in this commune.

Location



FACT SHEET

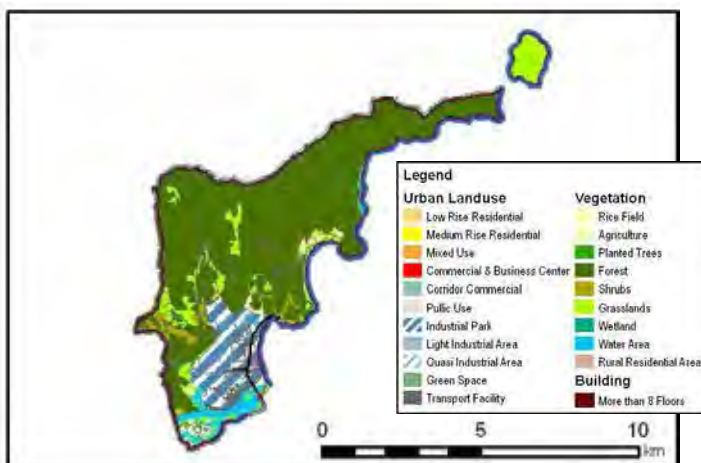
Main Indicators		Value
Population	Population (2000)	23,217
	Population (2007)	12,308
	Average Population Growth Rate (00-07)	2.57
	Gross Population Density Ratio (no./ha)	3
	Net Population Density Ratio (no./ha)	11
Land	Total Area (ha)	4576.00
	Net Area (ha) ¹	1090.53
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	12 : 43 : 45
	Employment-Residence Ratio (%) ²	0.90
	Enrolment-Residence Ratio (%) ³	1.96
Household Information	Average Household Size	4.3
	Average Monthly Household Income (000VND)	3,365
	Poor Households (%)	5.5
	Households with Own Houses (%)	90.7
	Households with Cars/1-2 Motorcycles (%)	86.4
Transportation	Average Travel Time (excluding walking) (min.)	17.3
	Public Transportation Usage (all trips) (%)	0.6
Landscape Areas	Water Surface (ha)	154.47
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	72.7
	Households with Internet Connection (%)	2.7
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	8
	Students (no.)	1,099
	Teachers (no.)	49

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

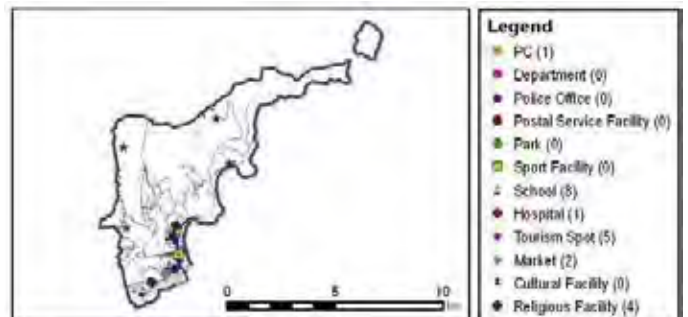
Land Use



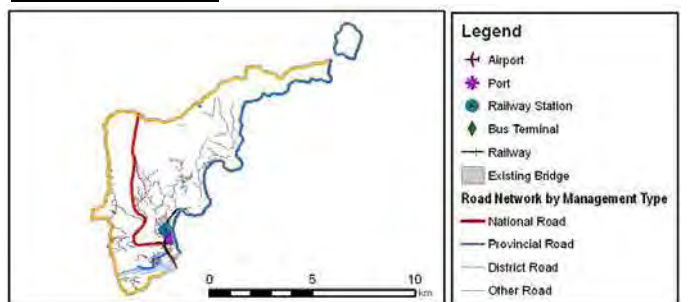
Population



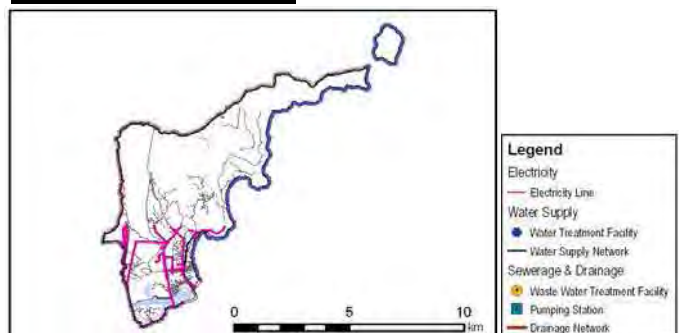
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Hiep Bac Commune	Lien Chieu District	Danang City					Hoa Hiep Bac Commune	Objective Score	Commune Rank	Subjective Score
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	0.72	2	1	1	8	
	Road Area Ratio (% per net area)	9.1	19.8	12.8	15.0	Traffic Situation	0.84	0	35	1	10	
	To-work Travel Time (min.)	17.4	14.9	16.7	15.0	To-work Travel Time	0.65	2	41	1	20	
	To-work Trips by Public Transportation (%)	1.07	0.00	0.07	35.00	Public Transportation Convenience	-	-2	1	-	-	
	Motor Vehicle Ownership per 000 Population	329	543	450	250	Transportation Convenience	0.87	1	52	1	5	
	# of TV Sets per 000 Population	262	407	323	300	Telecommunications	0.60	1	44	1	10	
	# of Telephones per 000 Population	160	227	200	300	Telecommunications	0.60	0	50	1	10	
							0.71	1	37	1	4	
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.49	-2	51	1	29	
	Flood Vulnerability (% of area)	56.3	38.7	25.7	10.0	Flooding	0.27	-2	46	1	34	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.27	2	1	1	40	
	Traffic Injuries per 100,000 Population	629	1,306	1,480	700	Traffic Safety	0.62	-1	19	1	4	
						0.42	-1	51	1	15		
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	4.1	95.2	60.9	80.0	Water Supply	0.36	-2	51	1	24	
	HHs Covered by SW Collection Services (%)	79.4	96.3	80.2	90.0	Solid Waste Collection	0.72	-1	41	1	7	
	HHs with Sewerage Systems (%)	31.6	87.7	51.6	90.0	Drainage Conditions	0.34	-2	33	1	37	
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.40	0	42	1	12	
						0.46	-1	46	1	13		
AMENITY	Cultural Facilities per 000 Population	0.65	0.41	0.53	1.00	Access to Entertainment Facilities	0.26	1	14	1	8	
	Water Areas per 000 Population (ha)	12.55	1.25	5.52	10.00	Neighborhood Landscape	0.07	1	7	1	29	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	0.24	-2	13	1	10	
	Green Areas per 000 Population (ha)	312.48	0.01	298.66	300.00	Greenery	0.10	2	6	1	18	
	Average Living Space per Capita (m ²)	75.6	22.4	75.3	50.0	Housing Conditions	0.05	2	18	1	52	
	Net Population Density (no./ha)	11	206	39	100	Peace and Order Situation	0.15	2	4	1	37	
						0.14	1	4	1	22		
CAPACITY	Average Annual Income (USD)	2,244	3,295	2,619	5,000	Housing	0.27	0	37	1	40	
	Motor Vehicle Ownership per 000 Population	329	543	450	250	Transportation Convenience	0.87	1	52	1	5	
	Internet Connections per 000 Population	27	342	174	500	Telecommunications	0.60	-1	46	1	10	
	Mobile Phone Ownership per 000 Population	320	477	352	500	Telecommunications	0.60	1	38	1	10	
						0.58	0	38	1	15		

Overall Assessment

Objective Assessment Score: **-0.04 (46/56)**
 Subjective Assessment Score: **0.46 (7/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The objective scores are extremely low for safety & security as well as for health & well-being.

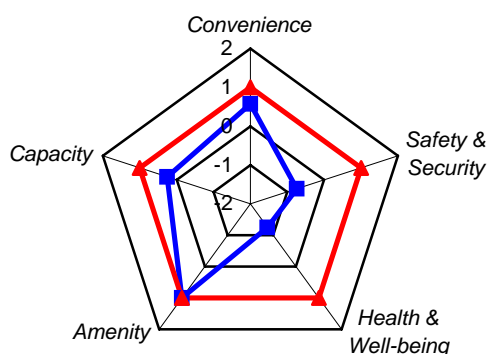
Convenience: The road area ratio and telephone ownership rate are lower than the city average.

Safety & Security: The whole commune is not covered by police service. Flood vulnerability is high, with more than half of the area at risk of flooding.

Health & Well-being: All basic health services, especially piped water connection, are much lower than the city average and needs improvement.

Amenity: The commune lacks cultural facilities and parks / open spaces, but has much greenery and living space.

Capacity: Internet connection among households is very low. People are relatively dissatisfied with their housing conditions.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Khanh Bac

District: Lien Chieu

Profile

In 2005, as a result of administrative reform, one commune was split into two, namely Hoa Khanh Bac and Hoa Khanh Nam. The population in Hoa Khanh Bac has grown rapidly at an annual rate of 6.1%. In 2007, its population exceeded that of 2000 before the commune was divided. About 71% of the area is devoted to industrial use; Hoa Khanh Industrial Zone is located here. The average monthly household income is quite high.

FACT SHEET

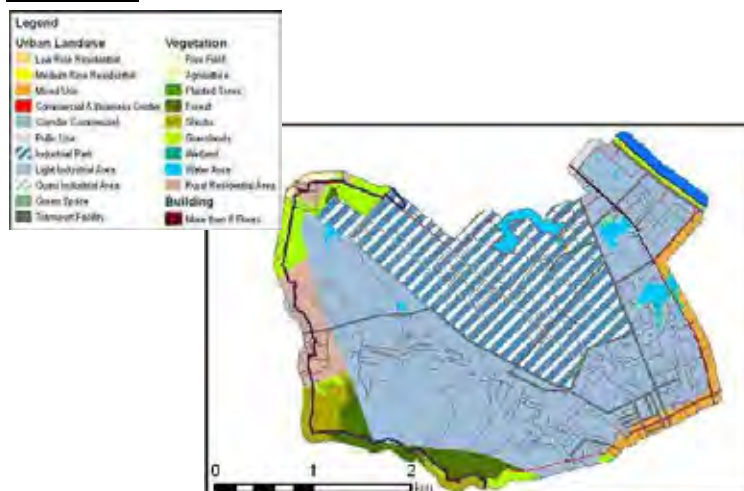
Main Indicators		Value
Population	Population (2000)	28,273
	Population (2007)	28,756
	Average Population Growth Rate (00-07)	6.06
	Gross Population Density Ratio (no./ha)	26
	Net Population Density Ratio (no./ha)	30
Land	Total Area (ha)	1090.00
	Net Area (ha) ¹	947.22
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	1 : 30 : 70
	Employment-Residence Ratio (%) ²	2.04
	Enrolment-Residence Ratio (%) ³	0.69
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	4,711
	Poor Households (%)	2.6
	Households with Own Houses (%)	94.8
	Households with Cars/1-2 Motorcycles (%)	94.2
Transportation	Average Travel Time (excluding walking) (min.)	16.4
	Public Transportation Usage (all trips) (%)	0.5
Landscape Areas	Water Surface (ha)	17.16
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	81.3
	Households with Internet Connection (%)	18.1
Health	Hospitals (no.)	2
	Hospital Beds (no.)	180
	Doctors (no.)	28
Education	Schools (no.)	12
	Students (no.)	5,661
	Teachers (no.)	242

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

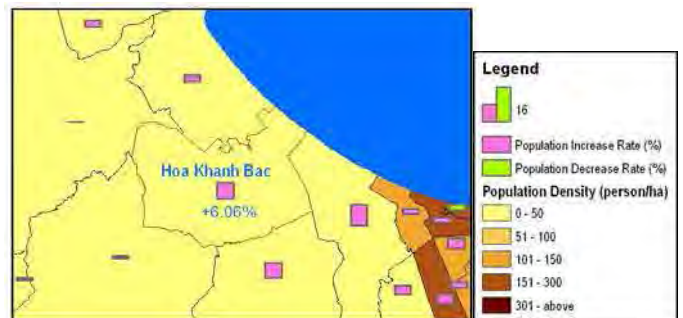
Land Use



Location



Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Khanh Bac Commune	ASSESSMENT			
		Hoa Khanh Bac Commune	Lien Chieu District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							0.35	1	30	1	45
	Household Electricity Connection (%)	100	100	99	100	Power Supply	-0.25	2	1	-1	54
	Road Area Ratio (% per net area)	9.4	19.8	12.8	15.0	Traffic Situation	0.66	0	33	1	32
	To-work Travel Time (min.)	13.5	14.9	16.7	15.0	To-work Travel Time	0.57	2	5	1	30
	To-work Trips by Public Transportation (%)	0.73	0.00	0.07	35.00	Public Transportation Convenience	0.61	-2	3	1	10
	Motor Vehicle Ownership per 000 Population	439	543	450	250	Transportation Convenience	0.63	2	32	1	35
	# of TV Sets per 000 Population	319	407	323	300	Telecommunications	0.13	2	29	1	51
# of Telephones per 000 Population	227	227	200	300	Telecommunications	0.13	1	11	1	51	
SAFETY & SECURITY							-0.21	-1	54	-1	56
	Police Service Coverage (%)	41.6	99.8	71.6	80.0	Safety and Security	-0.10	0	41	-1	55
	Flood Vulnerability (% of area)	17.9	38.7	25.7	10.0	Flooding	-0.03	-2	30	0	46
	HHs with Permanent Housing (%)	92.9	98.9	98.4	100.0	Housing	-0.13	0	54	-1	55
Traffic Injuries per 100,000 Population	3,723	1,306	1,480	700	Traffic Safety	-0.56	-2	55	-1	56	
HEALTH & WELL-BEING							0.02	1	14	1	48
	HHs with Piped Water Connection (%)	89.0	95.2	60.9	80.0	Water Supply	0.07	0	21	1	44
	HHs Covered by SW Collection Services (%)	98.7	96.3	80.2	90.0	Solid Waste Collection	0.08	2	14	1	49
	HHs with Sewerage Systems (%)	89.0	87.7	51.6	90.0	Drainage Conditions	0.15	1	18	1	44
	Hospitals per 000 Population	0.08	0.16	0.13	0.15	Access to Health Care	-0.22	0	36	-1	55
AMENITY							-0.39	0	24	-1	56
	Cultural Facilities per 000 Population	0.41	0.41	0.53	1.00	Access to Entertainment Facilities	-0.44	0	27	-1	49
	Water Areas per 000 Population (ha)	0.60	1.25	5.52	10.00	Neighborhood Landscape	-0.57	-2	36	-1	56
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.44	-2	13	-1	49
	Green Areas per 000 Population (ha)	7.56	0.01	298.66	300.00	Greenery	-0.61	0	23	-1	56
	Average Living Space per Capita (m ²)	48.0	22.4	75.3	50.0	Housing Conditions	0.31	2	23	1	38
	Net Population Density (no./ha)	30	206	39	100	Peace and Order Situation	-0.59	2	19	-1	56
CAPACITY							0.19	1	18	1	51
	Average Annual Income (USD)	3,141	3,295	2,619	5,000	Housing	-0.13	1	15	-1	55
	Motor Vehicle Ownership per 000 Population	439	543	450	250	Transportation Convenience	0.63	2	32	1	35
	Internet Connections per 000 Population	181	342	174	500	Telecommunications	0.13	0	23	1	51
Mobile Phone Ownership per 000 Population	407	477	352	500	Telecommunications	0.13	1	19	1	51	

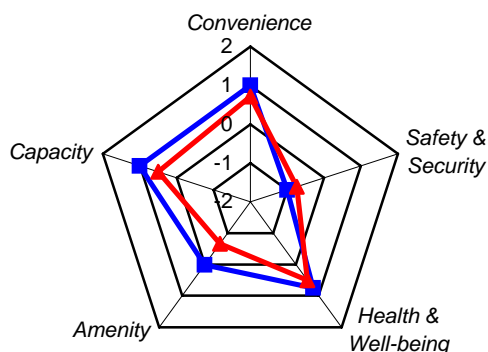
Overall Assessment

Objective Assessment Score: **0.35 (33/56)**
 Subjective Assessment Score: **-0.01 (52/56)**

rank /
commune

Summary Diagnosis

Overall Assessment Both objective and subjective scores are extremely low for safety & security as well as amenity.



— Objective Assessment Score — Subjective Assessment Score

Convenience	The people are quite dissatisfied with power supply services, though the electricity connection rate is 100%.
Safety & Security	Flood vulnerability and traffic injury rates are high, resulting in a low assessment of safety & security conditions.
Health & Well-being	The people are especially concerned about their access to health care.
Amenity	The people's assessment of neighborhood landscape and greeneries is the lowest in the city.
Capacity	The people are very much dissatisfied with their housing conditions, though the average annual income is well above the city average.

Commune: Hoa Bac

District: Hoa Vang

Profile

Hoa Bac commune is the largest commune in Danang City. The land use is predominantly forests (81%) and green space (17%). The Ba Na Nui Chua Nature Reserve is located in this commune. From 2000 to 2007, commune population slightly decreased, nearly 20% of which belong to ethnic groups other than Kinhs. Most of the population is engaged in the primary sector. Household incomes are the lowest in Danang City. More than 1 out of 10 households in this commune are poor based on DOLISA standards.

FACT SHEET

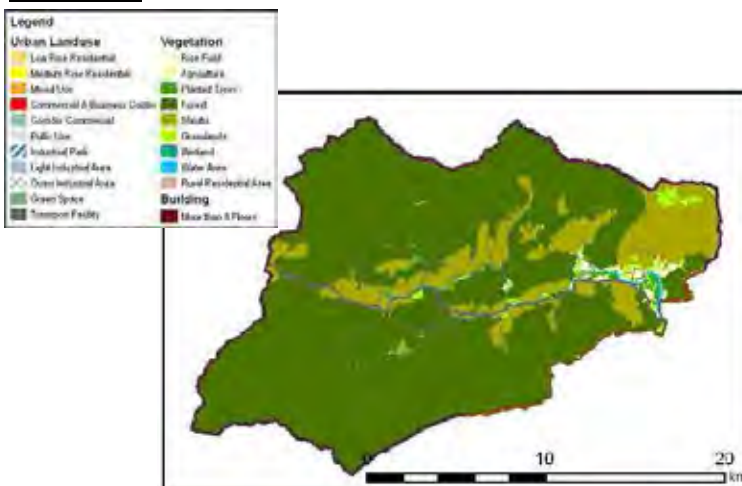
Main Indicators		Value
Population	Population (2000)	3,539
	Population (2007)	3,347
	Average Population Growth Rate (00-07)	-0.79
	Gross Population Density Ratio (no./ha)	0
	Net Population Density Ratio (no./ha)	11
Land	Total Area (ha)	33864
	Net Area (ha) ¹	298
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	75 : 8 : 17
	Employment-Residence Ratio (%) ²	1.17
	Enrolment-Residence Ratio (%) ³	0.94
Household Information	Average Household Size	3.3
	Average Monthly Household Income (000VND)	1,756
	Poor Households (%)	13.8
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	77.1
Transportation	Average Travel Time (excluding walking) (min.)	21.1
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	255.6
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	27.2
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Students (no.)	667
	Teachers (no.)	56

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

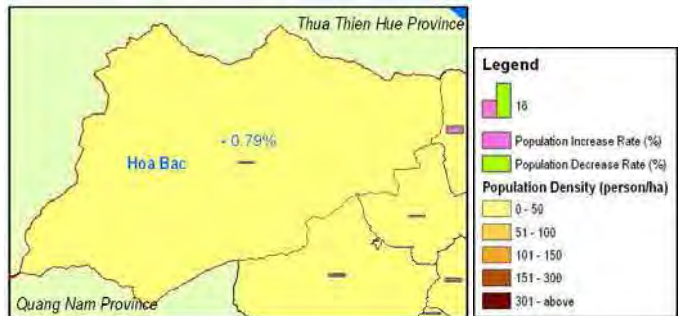
Land Use



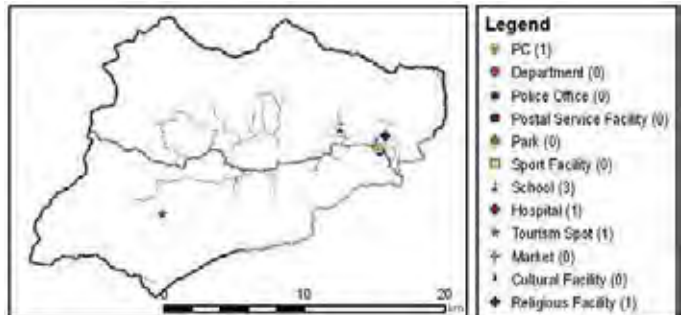
Location



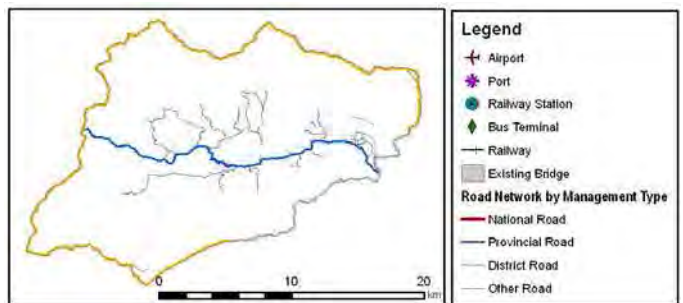
Population



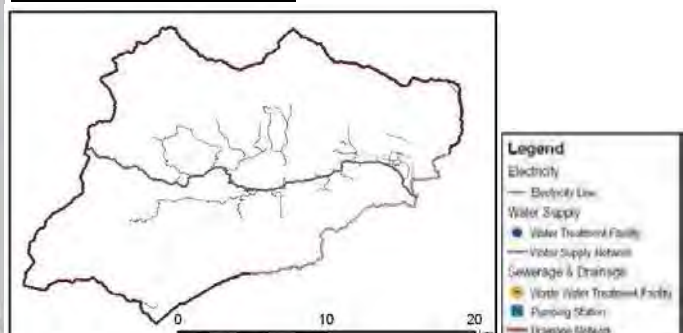
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Bac Commune	Hoa Vang District	Danang City					Hoa Bac Commune	Objective Score	Commune Rank	Subjective Score
CONVENIENCE	Household Electricity Connection (%)	96	100	99	100	Power Supply	-0.29	1	55	-1	55	
	Road Area Ratio (% per net area)	0.1	19.8	12.8	15.0	Traffic Situation	0.48	-2	55	1	48	
	To-work Travel Time (min.)	25.7	14.9	16.7	15.0	To-work Travel Time	0.43	1	55	1	42	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	310	543	450	250	Transportation Convenience	0.53	1	55	1	45	
	# of TV Sets per 000 Population	274	407	323	300	Telecommunications	-0.05	1	39	0	55	
	# of Telephones per 000 Population	110	227	200	300	Telecommunications	-0.05	0	56	0	55	
							0.18	0	51	0	54	
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.64	-2	51	1	16	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	-0.05	2	1	0	47	
	HHs with Permanent Housing (%)	90.9	98.9	98.4	100.0	Housing	-0.14	0	55	-1	56	
	Traffic Injuries per 100,000 Population	0	1,306	1,480	700	Traffic Safety	-0.16	2	1	-1	47	
						-0.22	-1	42	-1	52		
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	18.0	95.2	60.9	80.0	Water Supply	-0.76	-2	43	-1	51	
	HHs Covered by SW Collection Services (%)	0.0	96.3	80.2	90.0	Solid Waste Collection	-0.43	-2	55	-1	53	
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	0.41	-2	51	1	31	
	Hospitals per 000 Population	0.30	0.16	0.13	0.15	Access to Health Care	-0.09	2	4	-1	51	
						-0.22	1	4	0	53		
AMENITY	Cultural Facilities per 000 Population	0.60	0.41	0.53	1.00	Access to Entertainment Facilities	-0.67	0	16	-1	54	
	Water Areas per 000 Population (ha)	76.37	1.25	5.52	10.00	Neighborhood Landscape	0.09	2	1	1	25	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.42	-2	13	-1	47	
	Green Areas per 000 Population (ha)	10041	0.01	298.66	300.00	Greenery	-0.18	2	1	-1	45	
	Average Living Space per Capita (m ²)	285.9	22.4	75.3	50.0	Housing Conditions	-0.45	2	1	-1	56	
	Net Population Density (no./ha)	11	206	39	100	Peace and Order Situation	0.32	2	3	1	23	
						0.07	-1	56	0	55		
CAPACITY	Average Annual Income (USD)	1,171	3,295	2,619	5,000	Housing	-0.14	-1	56	-1	56	
	Motor Vehicle Ownership per 000 Population	310	543	450	250	Transportation Convenience	0.53	1	55	1	45	
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	-0.05	-2	51	0	55	
	Mobile Phone Ownership per 000 Population	82	477	352	500	Telecommunications	-0.05	-1	56	0	55	

Overall Assessment

Objective Assessment Score: -0.05 (47/56)

Subjective Assessment Score: -0.02 (53/56)

rank /
commune

Summary Diagnosis

Overall Assessment The living conditions in Hoa Bac commune are relatively poor, as confirmed by the negative scores of both objective and subjective indicators.

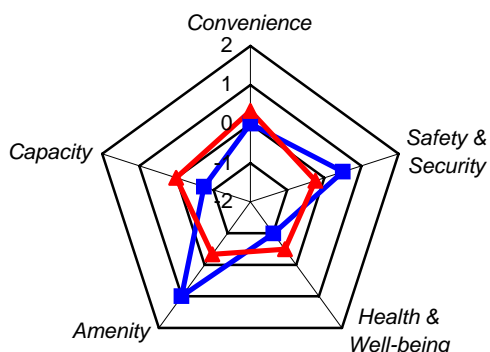
Convenience The road area ratio is very low, while the ownership rate for motor vehicles per 1000 population is lower than the city average.

Safety & Security There is no police presence in this commune. One out of 10 households live in temporary houses.

Health & Well-being The people treat their own wastes in Hoa Bac, and they are dissatisfied with this. Sewerage systems and hospitals are also not available here.

Amenity Although amenity levels got quite good objective scores, the people are greatly dissatisfied with them. Figures show the commune is large.

Capacity The average annual income is the lowest in the city at less than half the city average. Telecommunications services are also very bad.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Chau

District: Hoa Vang

Profile

Hoa Chau commune is located on the eastern side of Hoa Vang district, relatively closer to the city center compared to other communes in the district. From 2000 to 2007, its population grew slowly. About 50% of its land area is devoted to agricultural use. The ancient village of Phong Nam is located in this commune.

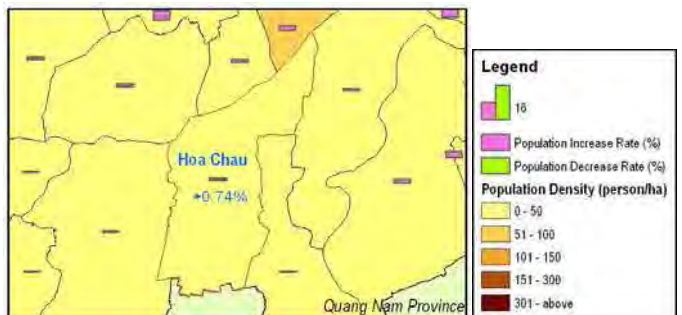
Location



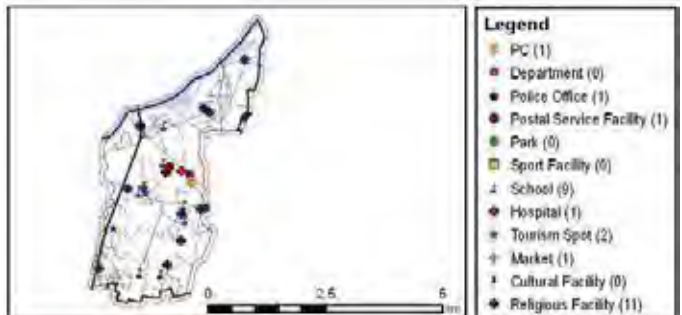
FACT SHEET

Main Indicators		Value
Population	Population (2000)	10,803
	Population (2007)	11,377
	Average Population Growth Rate (00-07)	0.74
	Gross Population Density Ratio (no./ha)	12
	Net Population Density Ratio (no./ha)	15
Land	Total Area (ha)	985
	Net Area (ha) ¹	755
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	33 : 31 : 35
	Employment-Residence Ratio (%) ²	0.77
	Enrolment-Residence Ratio (%) ³	1.00
Household Information	Average Household Size	4.2
	Average Monthly Household Income (000VND)	3,309
	Poor Households (%)	8.4
	Households with Own Houses (%)	88.2
	Households with Cars/1-2 Motorcycles (%)	90.1
Transportation	Average Travel Time (excluding walking) (min.)	18.9
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	75.5
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	59.2
	Households with Internet Connection (%)	1.4
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	9
	Students (no.)	3,969
	Teachers (no.)	197

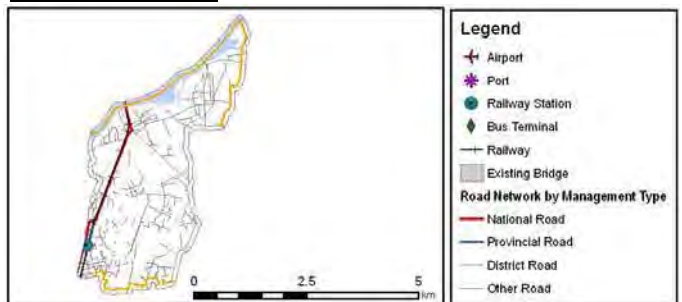
Population



Public Facilities



Transportation

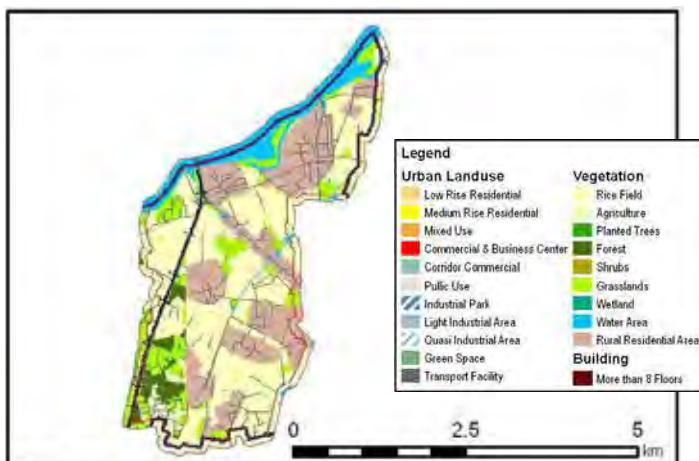


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

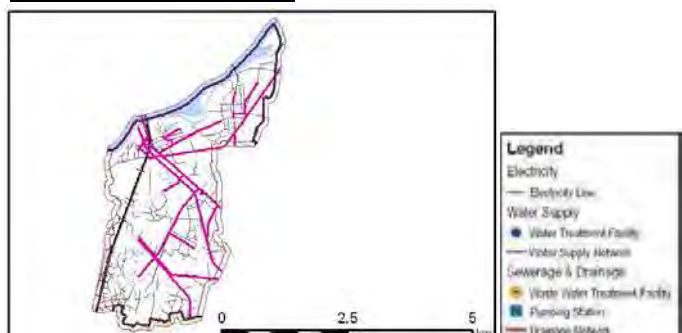
² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

Land Use



Urban Infrastructure



Statistical Data on Current Condition		2007				People's Assessment on Current Condition	Hoa Chau Commune	ASSESSMENT			
		Hoa Chau Commune	Hoa Vang District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank
CONVENIENCE							0.04	0	51	0	56
	Household Electricity Connection (%)	99	100	99	100	Power Supply	-0.03	1	45	0	51
	Road Area Ratio (% per net area)	3.0	19.8	12.8	15.0	Traffic Situation	0.12	-2	46	1	56
	To-work Travel Time (min.)	22.3	14.9	16.7	15.0	To-work Travel Time	0.01	1	52	0	56
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	370	543	450	250	Transportation Convenience	0.04	1	47	0	56
	# of TV Sets per 000 Population	240	407	323	300	Telecommunications	0.04	1	55	0	54
# of Telephones per 000 Population	183	227	200	300	Telecommunications	0.04	0	39	0	54	
SAFETY & SECURITY							-0.16	0	43	0	54
	Police Service Coverage (%)	82.1	99.8	71.6	80.0	Safety and Security	0.23	2	34	1	53
	Flood Vulnerability (% of area)	25.6	38.7	25.7	10.0	Flooding	-0.92	-2	32	-1	55
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	0.03	1	38	0	53
HEALTH & WELL-BEING							0.03	-2	50	0	47
	Traffic Injuries per 100,000 Population	3,291	1,306	1,480	700	Traffic Safety	0.02	-2	51	0	39
	HHs with Piped Water Connection (%)	0.0	95.2	60.9	80.0	Water Supply	-0.06	-2	55	-1	46
	HHs Covered by SW Collection Services (%)	43.7	96.3	80.2	90.0	Solid Waste Collection	0.28	-2	47	1	39
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	-0.15	-2	51	-1	51
AMENITY	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.06	0	33	1	43
							-0.10	1	4	0	46
	Cultural Facilities per 000 Population	1.14	0.41	0.53	1.00	Access to Entertainment Facilities	0.00	2	4	0	22
	Water Areas per 000 Population (ha)	6.63	1.25	5.52	10.00	Neighborhood Landscape	-0.29	0	12	-1	52
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.50	-2	13	-1	52
	Green Areas per 000 Population (ha)	77.89	0.01	298.66	300.00	Greenery	0.10	2	14	1	15
CAPACITY	Average Living Space per Capita (m ²)	183.3	22.4	75.3	50.0	Housing Conditions	0.08	2	10	1	50
	Net Population Density (no./ha)	15	206	39	100	Peace and Order Situation	-0.01	2	8	0	52
							0.04	0	48	0	56
	Average Annual Income (USD)	2,206	3,295	2,619	5,000	Housing	0.03	0	38	0	53
CAPACITY	Motor Vehicle Ownership per 000 Population	370	543	450	250	Transportation Convenience	0.04	1	47	0	56
	Internet Connections per 000 Population	14	342	174	500	Telecommunications	0.04	-2	48	0	54
	Mobile Phone Ownership per 000 Population	230	477	352	500	Telecommunications	0.04	0	47	0	54

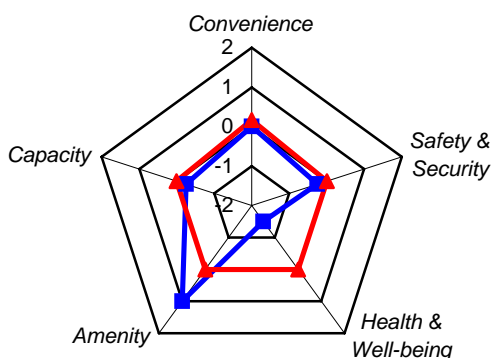
Overall Assessment

Objective Assessment Score: **-0.20 (50/56)**
 Subjective Assessment Score: **-0.03 (54/56)**

rank /
commune

Summary Diagnosis

Overall Assessment Both objective and subjective scores of Hoa Chau commune are low especially for health & well-being.



— Objective Assessment Score — Subjective Assessment Score

- Convenience** The people are generally dissatisfied with the level of convenience in Hoa Chau. The road area ratio is low, although it is higher than the district average.
- Safety & Security** Flood vulnerability is high, and traffic injury rate is also high despite the low ownership rate for motor vehicles.
- Health & Well-being** Most rely on water sources other than piped water, e.g., wells, rain water, etc. The people are especially dissatisfied with the water supply and drainage conditions.
- Amenity** The average living space is large, but the commune lacks cultural facilities and parks / open spaces.
- Capacity** The people's assessment of their capacity levels is the lowest in the city. Housing, transportation, and telecommunications conditions are poor.

Commune: Hoa Khuong

District: Hoa Vang

Profile

Hoa Khuong commune is located south of Danang City and is bordered by Quang Nam province. There was almost no change in population from 2000 to 2007, and population density remains low. Land use consists of forests (63%), agriculture (19%), greeneries (12%), and rivers / lakes (6%). The Dong Nghe - Phuoc Son Tourist Village is located in this commune.

Location



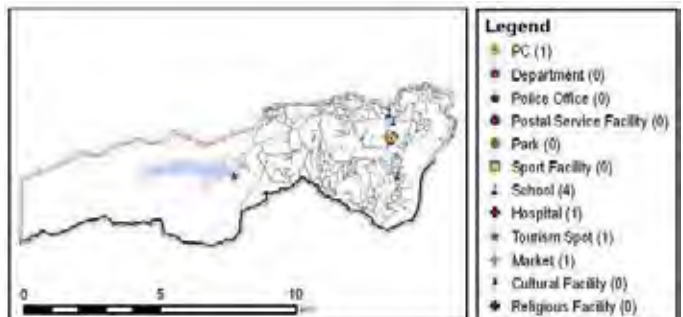
FACT SHEET

Main Indicators		Value
Population	Population (2000)	10,574
	Population (2007)	10,587
	Average Population Growth Rate (00-07)	0.02
	Gross Population Density Ratio (no./ha)	3
	Net Population Density Ratio (no./ha)	15
Land	Total Area (ha)	4211
	Net Area (ha) ¹	702
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	33 : 34 : 33
	Employment-Residence Ratio (%) ²	0.85
	Enrolment-Residence Ratio (%) ³	0.71
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	2,463
	Poor Households (%)	5.7
	Households with Own Houses (%)	94.4
	Households with Cars/1-2 Motorcycles (%)	85.7
Transportation	Average Travel Time (excluding walking) (min.)	15.4
	Public Transportation Usage (all trips) (%)	0.1
Landscape Areas	Water Surface (ha)	260.7
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	57.3
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	4
	Students (no.)	2,218
	Teachers (no.)	113

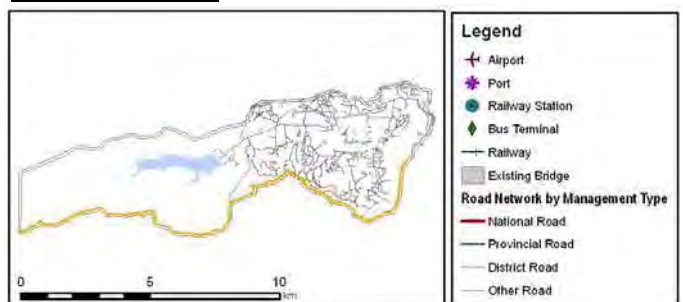
Population



Public Facilities



Transportation

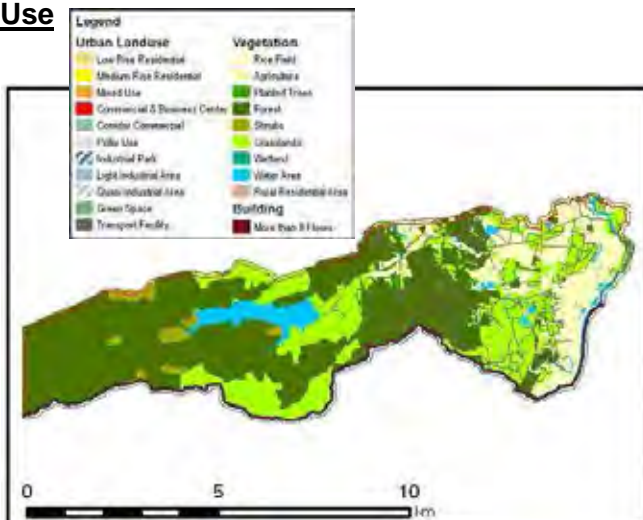


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

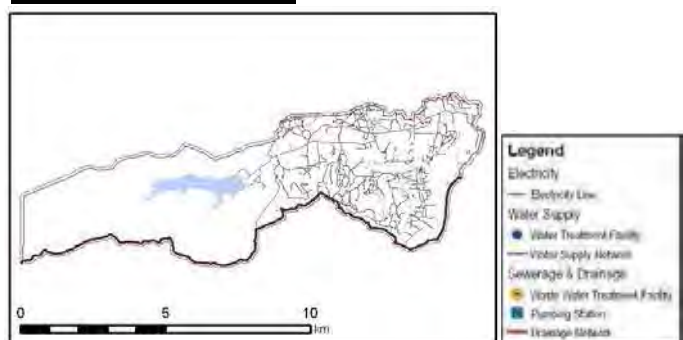
² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

Land Use



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Hoa Khuong Commune	ASSESSMENT			
		Hoa Khuong Commune	Hoa Vang District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.32	0	42	1	47	
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.22	1	46	1	40	
	Road Area Ratio (% per net area)	1.7	19.8	12.8	15.0	Traffic Situation	0.30	-2	48	1	52	
	To-work Travel Time (min.)	16.8	14.9	16.7	15.0	To-work Travel Time	0.18	2	35	1	51	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	1.00	-2	7	1	1	
	Motor Vehicle Ownership per 000 Population	401	543	450	250	Transportation Convenience	0.26	2	42	1	52	
	# of TV Sets per 000 Population	272	407	323	300	Telecommunications	0.13	1	40	1	52	
	# of Telephones per 000 Population	215	227	200	300	Telecommunications	0.13	1	24	1	52	
								0.21	0	43	1	44
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.54	-2	51	1	20	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.13	2	1	1	42	
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	0.10	1	40	1	48	
	Traffic Injuries per 100,000 Population	1,501	1,306	1,480	700	Traffic Safety	0.07	-2	31	1	30	
							0.30	-2	50	1	29	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	8.6	95.2	60.9	80.0	Water Supply	0.08	-2	49	1	41	
	HHs Covered by SW Collection Services (%)	34.3	96.3	80.2	90.0	Solid Waste Collection	0.65	-2	48	1	13	
	HHs with Sewerage Systems (%)	5.7	87.7	51.6	90.0	Drainage Conditions	0.40	-2	43	1	32	
	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.09	0	28	1	37	
							-0.14	1	15	-1	50	
AMENITY	Cultural Facilities per 000 Population	0.09	0.41	0.53	1.00	Access to Entertainment Facilities	-0.18	-2	55	-1	34	
	Water Areas per 000 Population (ha)	24.62	1.25	5.52	10.00	Neighborhood Landscape	-0.26	2	4	-1	51	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.27	-2	13	-1	39	
	Green Areas per 000 Population (ha)	371.96	0.01	298.66	300.00	Greenery	0.08	2	4	1	19	
	Average Living Space per Capita (m ²)	190.3	22.4	75.3	50.0	Housing Conditions	0.03	2	8	0	53	
	Net Population Density (no./ha)	15	206	39	100	Peace and Order Situation	-0.26	2	9	-1	55	
							0.15	0	48	1	52	
CAPACITY	Average Annual Income (USD)	1,642	3,295	2,619	5,000	Housing	0.10	-1	52	1	48	
	Motor Vehicle Ownership per 000 Population	401	543	450	250	Transportation Convenience	0.26	2	42	1	52	
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	0.13	-2	51	1	52	
	Mobile Phone Ownership per 000 Population	189	477	352	500	Telecommunications	0.13	0	50	1	52	

Overall Assessment

Objective Assessment Score: **-0.18 (49/56)**
 Subjective Assessment Score: **0.17 (48/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: Objective scores, especially for health & well-being, are low. However, subjective scores are somewhat better except for amenity.

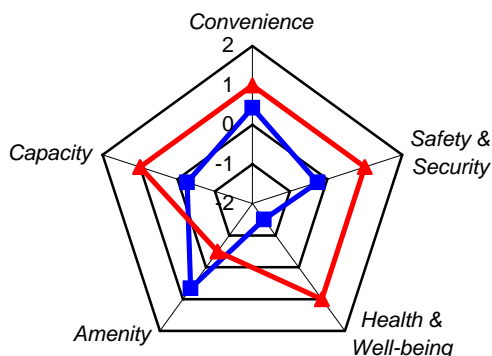
Convenience: Road area ratio is very low. While the people are dissatisfied with the traffic situation, commuting time is about the same as the city average.

Safety & Security: The police is not present in this commune. Traffic injury rate is higher than the city average but lower than the district average.

Health & Well-being: Health & well-being services are poorly provided. There are no hospitals in the commune.

Amenity: Water and green areas are abundant, but the commune lacks cultural facilities and parks / open spaces. The people are especially dissatisfied with the peace & order situation.

Capacity: Internet connection rate is very low. The average annual income is lower than both the district and city averages.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Lien

District: Hoa Vang

Profile

The Cu De River runs through Hoa Lien commune. Flood vulnerability is high and the people are concerned about flood disasters. From 2000 to 2007, commune population slightly decreased, and the population density remains very low. The primary sector dominates the commune's economy. Daytime population is low, as many workers and students commute to other communes. More than 1 out of 10 households in this commune are poor based on DOLISA standards.

FACT SHEET

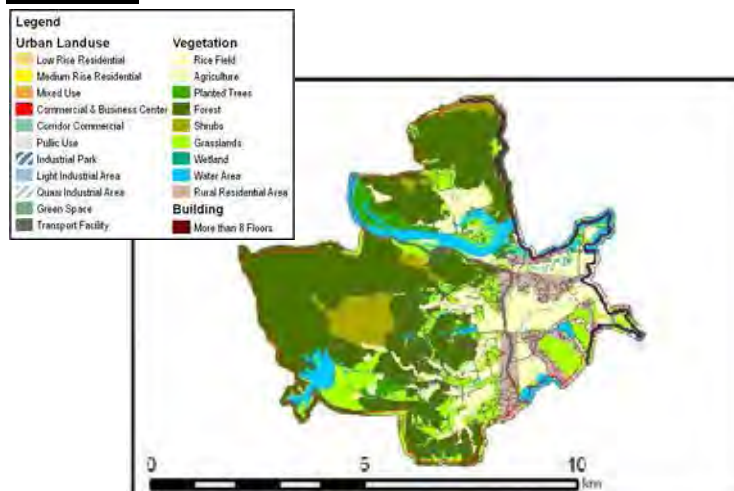
Main Indicators		Value
Population	Population (2000)	11,136
	Population (2007)	11,034
	Average Population Growth Rate (00-07)	-0.13
	Gross Population Density Ratio (no./ha)	3
	Net Population Density Ratio (no./ha)	9
Land	Total Area (ha)	3820
	Net Area (ha) ¹	1260
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	39 : 37 : 24
	Employment-Residence Ratio (%) ²	0.59
	Enrolment-Residence Ratio (%) ³	0.69
Household Information	Average Household Size	3.7
	Average Monthly Household Income (000VND)	2,149
	Poor Households (%)	12.5
	Households with Own Houses (%)	100.0
	Households with Cars/1-2 Motorcycles (%)	73.6
Transportation	Average Travel Time (excluding walking) (min.)	19.8
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	300.5
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	31.9
	Households with Internet Connection (%)	1.4
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Students (no.)	2,517
	Teachers (no.)	138

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

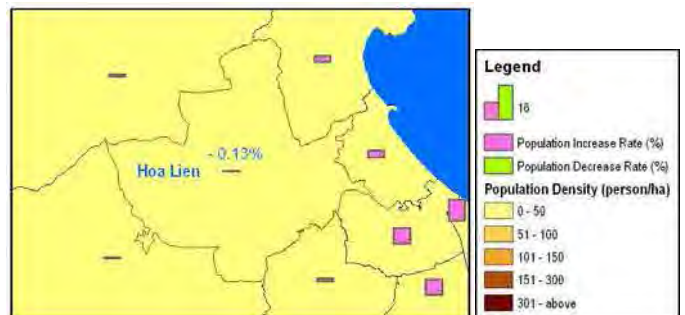
Land Use



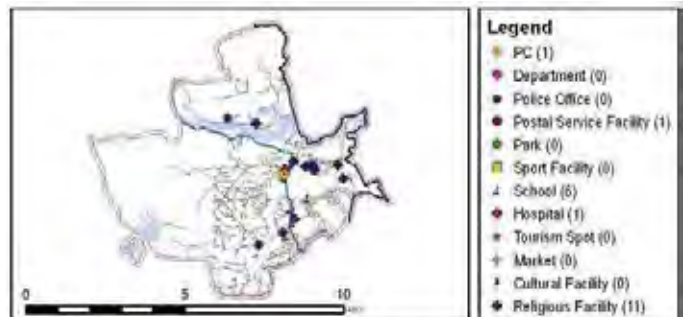
Location



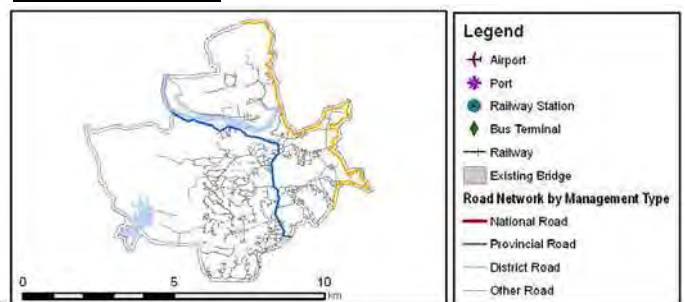
Population



Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Lien Commune	Hoa Vang District	Danang City					Hoa Lien Commune	Objective Score	Commune Rank	Subjective Score
							0.32	0	51	1	48	
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.24	1	44	1	39	
	Road Area Ratio (% per net area)	1.4	19.8	12.8	15.0	Traffic Situation	0.53	-2	52	1	44	
	To-work Travel Time (min.)	26.2	14.9	16.7	15.0	To-work Travel Time	0.44	1	56	1	41	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	7	0	17	
	Motor Vehicle Ownership per 000 Population	326	543	450	250	Transportation Convenience	0.54	1	53	1	44	
	# of TV Sets per 000 Population	245	407	323	300	Telecommunications	0.24	1	51	1	47	
	# of Telephones per 000 Population	151	227	200	300	Telecommunications	0.24	0	51	1	47	
								-0.04	-1	56	0	53
SAFETY & SECURITY	Police Service Coverage (%)	7.6	99.8	71.6	80.0	Safety and Security	0.72	-2	49	1	12	
	Flood Vulnerability (% of area)	31.7	38.7	25.7	10.0	Flooding	-0.67	-2	37	-1	53	
	HHs with Permanent Housing (%)	98.6	98.9	98.4	100.0	Housing	-0.04	1	37	0	54	
	Traffic Injuries per 100,000 Population	1,975	1,306	1,480	700	Traffic Safety	-0.17	-2	41	-1	49	
							-0.31	-2	50	-1	54	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	11.2	95.2	60.9	80.0	Water Supply	-0.87	-2	47	-1	53	
	HHs Covered by SW Collection Services (%)	19.5	96.3	80.2	90.0	Solid Waste Collection	-0.21	-2	52	-1	51	
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	-0.44	-2	51	-1	55	
	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.28	0	30	1	20	
							-0.16	1	2	0	51	
AMENITY	Cultural Facilities per 000 Population	1.00	0.41	0.53	1.00	Access to Entertainment Facilities	-0.50	1	6	-1	51	
	Water Areas per 000 Population (ha)	27.23	1.25	5.52	10.00	Neighborhood Landscape	0.06	2	2	1	31	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.45	-2	13	-1	50	
	Green Areas per 000 Population (ha)	317.24	0.01	298.66	300.00	Greenery	-0.28	2	5	-1	49	
	Average Living Space per Capita (m ²)	224.9	22.4	75.3	50.0	Housing Conditions	-0.10	2	4	-1	54	
	Net Population Density (no./ha)	9	206	39	100	Peace and Order Situation	0.31	2	2	1	24	
							0.25	-1	52	1	49	
CAPACITY	Average Annual Income (USD)	1,433	3,295	2,619	5,000	Housing	-0.04	-1	55	0	54	
	Motor Vehicle Ownership per 000 Population	326	543	450	250	Transportation Convenience	0.54	1	53	1	44	
	Internet Connections per 000 Population	14	342	174	500	Telecommunications	0.24	-2	50	1	47	
	Mobile Phone Ownership per 000 Population	109	477	352	500	Telecommunications	0.24	0	55	1	47	

Overall Assessment

Objective Assessment Score: -0.42 (56/56)
Subjective Assessment Score: 0.01 (51/56)

rank /
commune

Summary Diagnosis

Overall Assessment The objective score of this commune is the worst in the city, but amenity levels are fair. The people has a poor assessment of health & well-being.

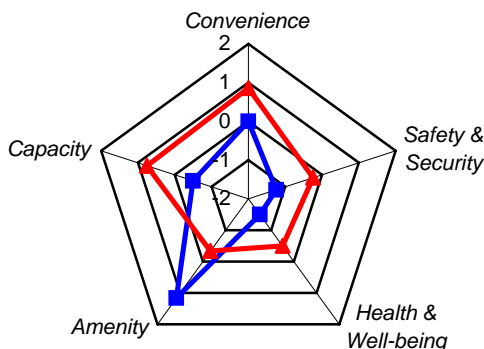
Convenience Road area ratio is very low, and commuting takes longer compared to the city average. Improvements are needed in telecommunications services.

Safety & Security The commune is highly vulnerable to flooding, and the people are very much concerned about it.

Health & Well-being Water supply, solid waste collection, and drainage systems are all poorly provided, and the people are dissatisfied with them.

Amenity There is much greenery and the commune is quite spacious; however it lacks entertainment / cultural facilities and parks / open spaces.

Capacity Internet connection rate is very low at less than 10% of the city average. The ownership rate for mobile phones is also very low.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Nhon

District: Hoa Vang

Profile

Hoa Nhon commune is located on the eastern side of Hoa Vang district. There was not much growth in population from 2000 to 2007. Land use consists of forests (40%), agriculture (36%), green space (20%), and rivers / lakes (3%). The commune lacks national and provincial roads.

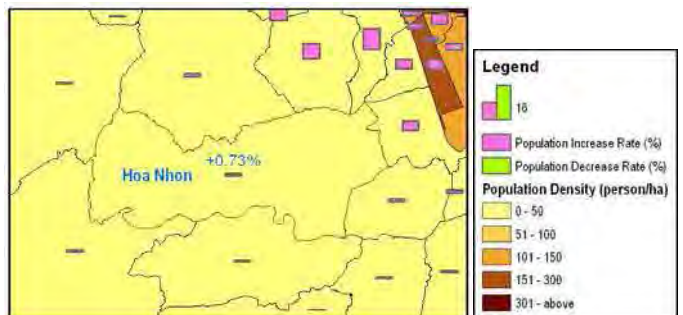
Location



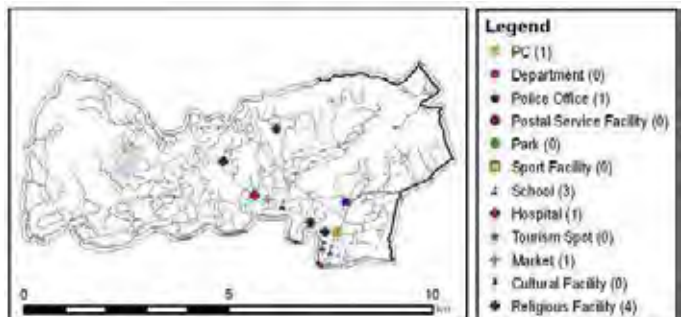
FACT SHEET

Main Indicators		Value
Population	Population (2000)	12,142
	Population (2007)	12,774
	Average Population Growth Rate (00-07)	0.73
	Gross Population Density Ratio (no./ha)	4
	Net Population Density Ratio (no./ha)	16
Land	Total Area (ha)	2920
	Net Area (ha) ¹	807
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	35 : 28 : 37
	Employment-Residence Ratio (%) ²	0.75
	Enrolment-Residence Ratio (%) ³	0.69
Household Information	Average Household Size	4.1
	Average Monthly Household Income (000VND)	2,715
	Poor Households (%)	7.4
	Households with Own Houses (%)	96.2
	Households with Cars/1-2 Motorcycles (%)	92.5
Transportation	Average Travel Time (excluding walking) (min.)	20.5
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	101.9
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	66.2
	Households with Internet Connection (%)	9.9
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Students (no.)	2,166
	Teachers (no.)	122

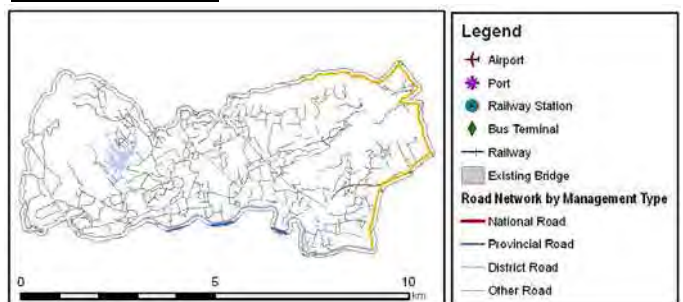
Population



Public Facilities



Transportation

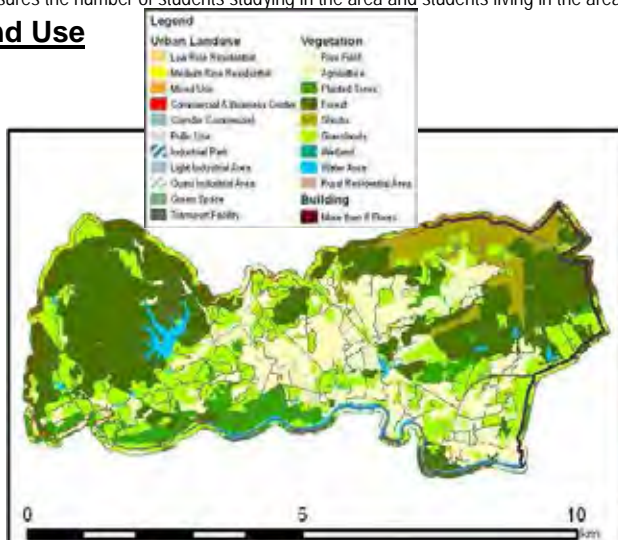


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

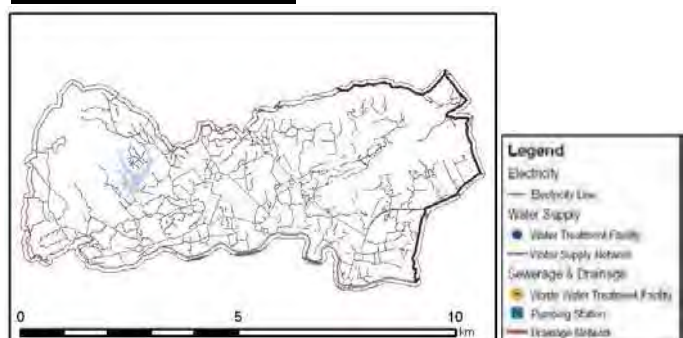
² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

Land Use



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Nhon Commune	Hoa Vang District	Danang City					Hoa Nhon Commune	Objective Score	Commune Rank	Subjective Score
							0.48	0	51	1	39	
CONVENIENCE	Household Electricity Connection (%)	97	100	99	100	Power Supply	0.78	1	52	1	6	
	Road Area Ratio (% per net area)	1.5	19.8	12.8	15.0	Traffic Situation	0.65	-2	51	1	33	
	To-work Travel Time (min.)	24.0	14.9	16.7	15.0	To-work Travel Time	0.57	1	54	1	28	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	7	0	17	
	Motor Vehicle Ownership per 000 Population	368	543	450	250	Transportation Convenience	0.71	1	49	1	29	
	# of TV Sets per 000 Population	244	407	323	300	Telecommunications	0.31	1	52	1	42	
	# of Telephones per 000 Population	119	227	200	300	Telecommunications	0.31	0	55	1	42	
								0.40	0	25	1	17
SAFETY & SECURITY	Police Service Coverage (%)	28.1	99.8	71.6	80.0	Safety and Security	0.89	-1	46	1	4	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	-0.13	2	1	-1	49	
	HHs with Permanent Housing (%)	98.7	98.9	98.4	100.0	Housing	0.43	1	34	1	23	
	Traffic Injuries per 100,000 Population	3,497	1,306	1,480	700	Traffic Safety	0.43	-2	53	1	9	
							-0.20	-2	50	0	51	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	1.3	95.2	60.9	80.0	Water Supply	-1.22	-2	54	-2	56	
	HHs Covered by SW Collection Services (%)	18.8	96.3	80.2	90.0	Solid Waste Collection	0.00	-2	53	0	50	
	HHs with Sewerage Systems (%)	7.5	87.7	51.6	90.0	Drainage Conditions	0.14	-2	41	1	46	
	Hospitals per 000 Population	0.08	0.16	0.13	0.15	Access to Health Care	0.30	0	37	1	17	
							-0.05	1	16	0	43	
AMENITY	Cultural Facilities per 000 Population	0.31	0.41	0.53	1.00	Access to Entertainment Facilities	-0.54	-1	33	-1	53	
	Water Areas per 000 Population (ha)	7.98	1.25	5.52	10.00	Neighborhood Landscape	0.23	0	9	1	10	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.73	-2	13	-1	55	
	Green Areas per 000 Population (ha)	219.67	0.01	298.66	300.00	Greenery	0.13	2	7	1	12	
	Average Living Space per Capita (m ²)	116.1	22.4	75.3	50.0	Housing Conditions	0.51	2	14	1	11	
	Net Population Density (no./ha)	16	206	39	100	Peace and Order Situation	0.08	2	11	1	44	
							0.44	0	43	1	42	
CAPACITY	Average Annual Income (USD)	1,810	3,295	2,619	5,000	Housing	0.43	-1	48	1	23	
	Motor Vehicle Ownership per 000 Population	368	543	450	250	Transportation Convenience	0.71	1	49	1	29	
	Internet Connections per 000 Population	99	342	174	500	Telecommunications	0.31	-1	37	1	42	
	Mobile Phone Ownership per 000 Population	266	477	352	500	Telecommunications	0.31	1	43	1	42	

Overall Assessment

Objective Assessment Score: **-0.20 (50/56)**
 Subjective Assessment Score: **0.21 (46/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: The objective score of this commune is negative, especially for health & well-being. Subjective scores are better.

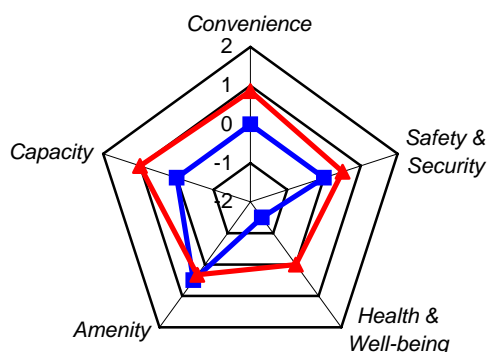
Convenience: Road area ratio is very low. The ownership rates for motor vehicles, TV sets, and telephones are all below the city average.

Safety & Security: Although the commune has low vulnerability to floods, the people are still concerned about flood disasters.

Health & Well-being: The general situation for health & well-being is very bad. Improvements are especially needed in water supply.

Amenity: The people feel that the commune lacks entertainment facilities, parks and green spaces.

Capacity: The average annual income is much lower than the city average, and internet connection rate is also quite low.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Ninh

District: Hoa Vang

Profile

Hoa Ninh commune is located on the southwestern side of Hoa Vang district. The Ba Na and Suoi Mo mountains are located in this commune. In Ba Na, the world's longest and steepest cable car was built in 2009 and opened to tourists. Many hotels and touris sites are currently being built in this commune. More than 1 out of 10 households in this commune are poor based on DOLISA standards.

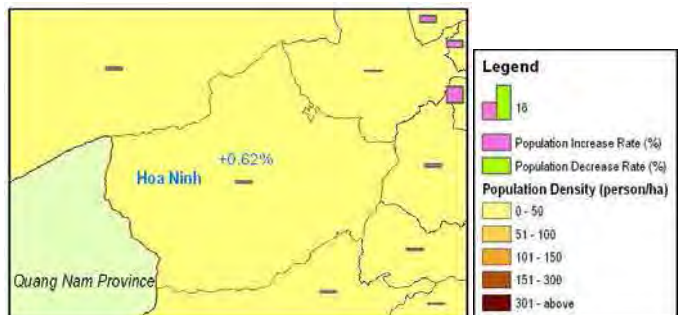
Location



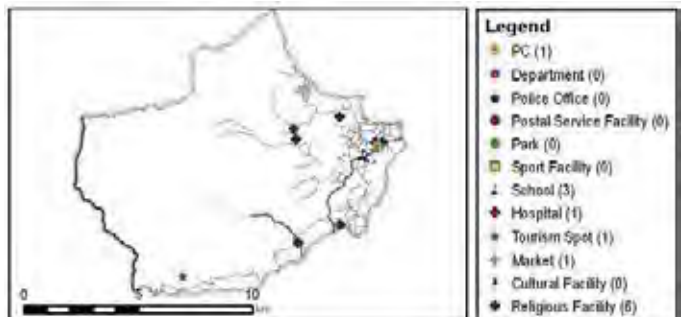
FACT SHEET

Main Indicators		Value
Population	Population (2000)	4,198
	Population (2007)	4,384
	Average Population Growth Rate (00-07)	0.62
	Gross Population Density Ratio (no./ha)	0
	Net Population Density Ratio (no./ha)	13
Land	Total Area (ha)	10105
	Net Area (ha) ¹	341
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	28 : 31 : 41
	Employment-Residence Ratio (%) ²	1.01
	Enrolment-Residence Ratio (%) ³	0.85
Household Information	Average Household Size	3.8
	Average Monthly Household Income (000VND)	2,739
	Poor Households (%)	11.1
	Households with Own Houses (%)	92.7
	Households with Cars/1-2 Motorcycles (%)	92.6
Transportation	Average Travel Time (excluding walking) (min.)	22.8
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	28.4
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	51.9
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Teachers (no.)	74

Population



Public Facilities



Transportation

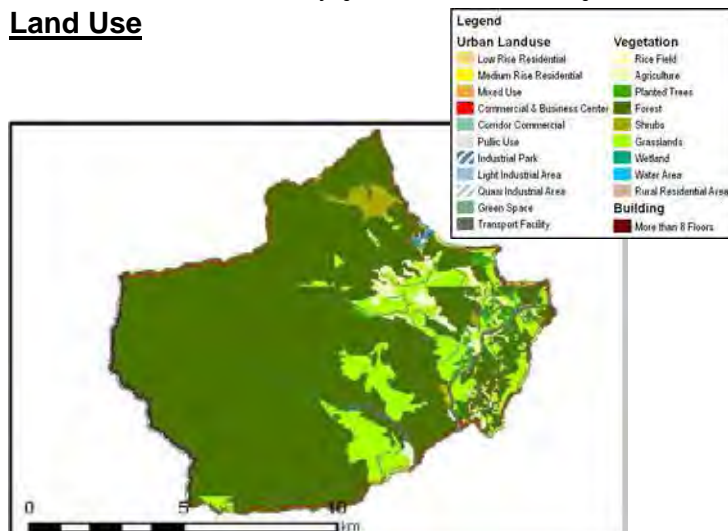


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

Land Use



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Ninh Commune	Hoa Vang District	Danang City					Hoa Ninh Commune	Objective Score	Commune Rank	Subjective Score
							0.29	0	49	1	51	
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	-0.15	2	1	-1	53	
	Road Area Ratio (% per net area)	2.3	19.8	12.8	15.0	Traffic Situation	0.53	-2	47	1	45	
	To-work Travel Time (min.)	24.0	14.9	16.7	15.0	To-work Travel Time	0.59	1	53	1	26	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-	
	Motor Vehicle Ownership per 000 Population	392	543	450	250	Transportation Convenience	0.54	1	45	1	43	
	# of TV Sets per 000 Population	243	407	323	300	Telecommunications	0.11	1	53	1	53	
	# of Telephones per 000 Population	145	227	200	300	Telecommunications	0.11	0	54	1	53	
							0.42	0	25	1	14	
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.59	-2	51	1	18	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.96	2	1	1	2	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.15	2	1	1	47	
	Traffic Injuries per 100,000 Population	3,548	1,306	1,480	700	Traffic Safety	-0.02	-2	54	0	44	
							-0.18	-1	42	0	50	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	0.0	95.2	60.9	80.0	Water Supply	-0.82	-2	55	-1	52	
	HHs Covered by SW Collection Services (%)	29.7	96.3	80.2	90.0	Solid Waste Collection	-0.69	-2	50	-1	56	
	HHs with Sewerage Systems (%)	3.7	87.7	51.6	90.0	Drainage Conditions	0.81	-2	46	1	6	
	Hospitals per 000 Population	0.23	0.16	0.13	0.15	Access to Health Care	-0.04	2	7	0	48	
							-0.14	1	4	0	48	
AMENITY	Cultural Facilities per 000 Population	1.60	0.41	0.53	1.00	Access to Entertainment Facilities	-0.74	2	3	-1	55	
	Water Areas per 000 Population (ha)	6.47	1.25	5.52	10.00	Neighborhood Landscape	0.04	0	13	0	37	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.56	-2	13	-1	54	
	Green Areas per 000 Population (ha)	2297	0.01	298.66	300.00	Greenery	-0.26	2	2	-1	48	
	Average Living Space per Capita (m ²)	221.9	22.4	75.3	50.0	Housing Conditions	0.15	2	5	1	46	
	Net Population Density (no./ha)	13	206	39	100	Peace and Order Situation	0.56	2	5	1	6	
							0.23	-1	52	1	50	
CAPACITY	Average Annual Income (USD)	1,826	3,295	2,619	5,000	Housing	0.15	-1	46	1	47	
	Motor Vehicle Ownership per 000 Population	392	543	450	250	Transportation Convenience	0.54	1	45	1	43	
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	0.11	-2	51	1	53	
	Mobile Phone Ownership per 000 Population	185	477	352	500	Telecommunications	0.11	0	52	1	53	

Overall Assessment

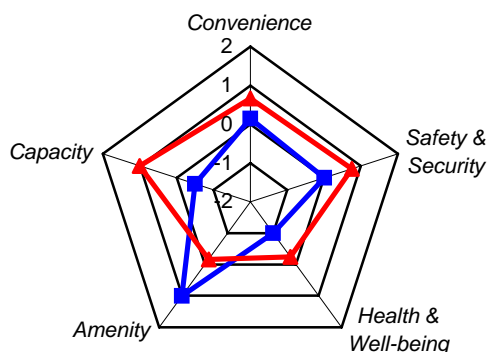
Objective Assessment Score: **-0.07 (48/56)**
 Subjective Assessment Score: **0.12 (50/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: Objective scores of all indicators, especially health & well-being, are low. However, scores are acceptable for some subjective indicators such as capacity.

- Convenience**: The people are dissatisfied with power supply and telecommunications conditions in the commune.
- Safety & Security**: The police is not present in this commune. Traffic injury rate is high.
- Health & Well-being**: All health & well-being facilities are poorly provided, and the people are dissatisfied with this situation.
- Amenity**: The people are especially dissatisfied with the lack of entertainment facilities, parks, and green space.
- Capacity**: Telecommunications conditions are poor, and the people are dissatisfied with this situation.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Phong

District: Hoa Vang

Profile

Hoa Phong commune is located on the southeastern part of Hoa Vang district. It is relatively close to the city center, and the average travel time is shorter than that in other communes in the district. Agricultural land accounts for 47% of the total land area. The district people's committee office is located in this commune.

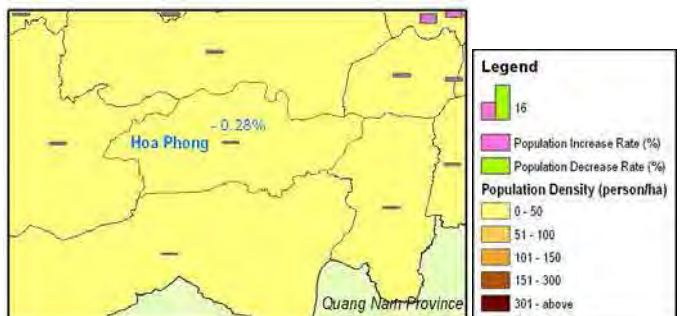
Location



FACT SHEET

Main Indicators		Value
Population	Population (2000)	14,060
	Population (2007)	13,784
	Average Population Growth Rate (00-07)	-0.28
	Gross Population Density Ratio (no./ha)	8
	Net Population Density Ratio (no. /ha)	14
Land	Total Area (ha)	1810
	Net Area (ha) ¹	1017
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	34 : 30 : 36
	Employment-Residence Ratio (%) ²	0.89
	Enrolment-Residence Ratio (%) ³	1.29
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	2,498
	Poor Households (%)	3.3
	Households with Own Houses (%)	98.9
	Households with Cars/1-2 Motorcycles (%)	87.8
Transportation	Average Travel Time (excluding walking) (min.)	16.8
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	93.2
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	53.2
	Households with Internet Connection (%)	8.9
Health	Hospitals (no.)	2
	Hospital Beds (no.)	0
	Doctors (no.)	4
Education	Schools (no.)	4
	Teachers (no.)	226

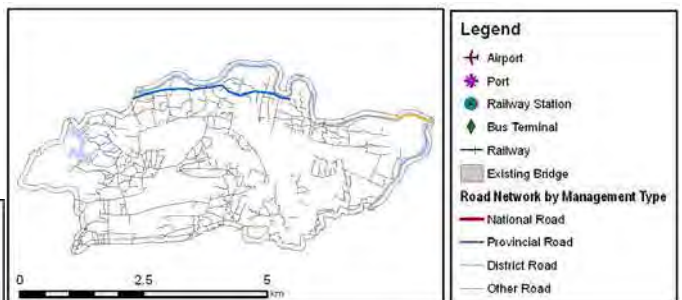
Population



Public Facilities



Transportation

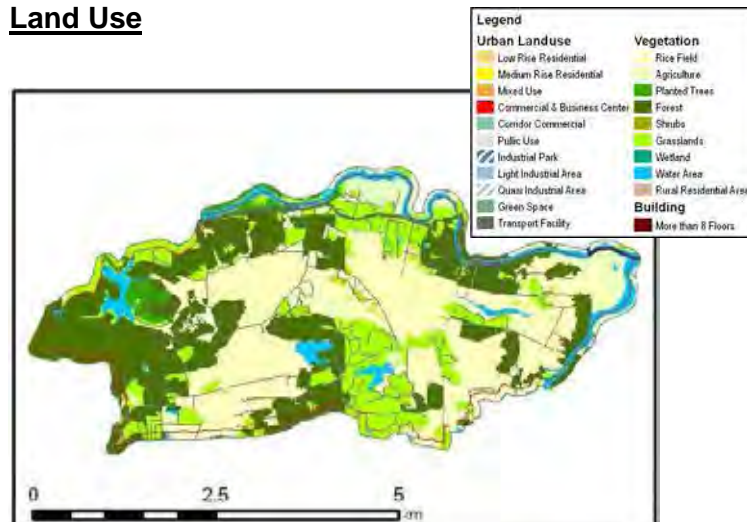


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

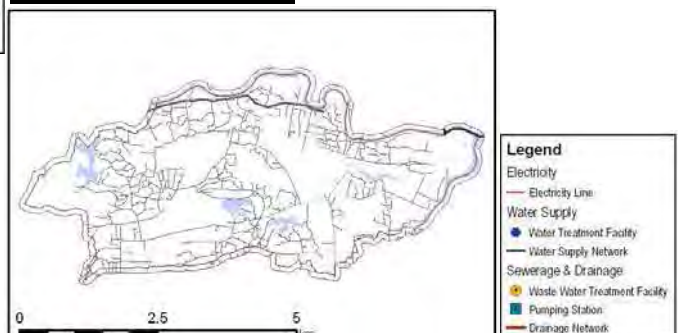
² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

Land Use



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Phong Commune	Hoa Vang District	Danang City					Hoa Phong Commune	Objective Score	Commune Rank	Subjective Score
							0.54	0	51	1	28	
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.57	1	41	1	13	
	Road Area Ratio (% per net area)	0.7	19.8	12.8	15.0	Traffic Situation	0.77	-2	54	1	16	
	To-work Travel Time (min.)	20.7	14.9	16.7	15.0	To-work Travel Time	0.69	1	50	1	17	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.50	-2	7	1	12	
	Motor Vehicle Ownership per 000 Population	345	543	450	250	Transportation Convenience	0.82	1	50	1	11	
	# of TV Sets per 000 Population	242	407	323	300	Telecommunications	0.21	1	54	1	49	
	# of Telephones per 000 Population	150	227	200	300	Telecommunications	0.21	0	52	1	49	
							0.25	0	25	1	38	
SAFETY & SECURITY	Police Service Coverage (%)	10.2	99.8	71.6	80.0	Safety and Security	0.77	-2	48	1	9	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	-0.34	2	1	-1	51	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.22	2	1	1	46	
	Traffic Injuries per 100,000 Population	2,208	1,306	1,480	700	Traffic Safety	0.34	-2	42	1	11	
							0.15	-1	46	0	44	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	18.9	95.2	60.9	80.0	Water Supply	0.04	-2	42	0	45	
	HHs Covered by SW Collection Services (%)	27.7	96.3	80.2	90.0	Solid Waste Collection	0.15	-2	51	1	47	
	HHs with Sewerage Systems (%)	1.1	87.7	51.6	90.0	Drainage Conditions	-0.11	-2	50	-1	50	
	Hospitals per 000 Population	0.15	0.16	0.13	0.15	Access to Health Care	0.53	1	18	1	7	
							0.03	1	16	0	37	
AMENITY	Cultural Facilities per 000 Population	0.22	0.41	0.53	1.00	Access to Entertainment Facilities	-0.27	-1	43	-1	42	
	Water Areas per 000 Population (ha)	6.76	1.25	5.52	10.00	Neighborhood Landscape	0.04	0	11	0	34	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.27	-2	13	-1	39	
	Green Areas per 000 Population (ha)	124	0.01	298.66	300.00	Greenery	0.00	2	10	0	28	
	Average Living Space per Capita (m ²)	144.6	22.4	75.3	50.0	Housing Conditions	0.50	2	12	1	12	
	Net Population Density (no./ha)	14	206	39	100	Peace and Order Situation	0.19	2	6	1	34	
							0.36	0	48	1	47	
CAPACITY	Average Annual Income (USD)	1,666	3,295	2,619	5,000	Housing	0.22	-1	51	1	46	
	Motor Vehicle Ownership per 000 Population	345	543	450	250	Transportation Convenience	0.82	1	50	1	11	
	Internet Connections per 000 Population	89	342	174	500	Telecommunications	0.21	-1	39	1	49	
	Mobile Phone Ownership per 000 Population	172	477	352	500	Telecommunications	0.21	0	54	1	49	

Overall Assessment

Objective Assessment Score: -0.20 (50/56)
Subjective Assessment Score: 0.27 (44/56)

rank /
commune

Summary Diagnosis

Overall Assessment Objective scores of all indicators, especially health & well-being, are low. However, subjective scores are acceptable.

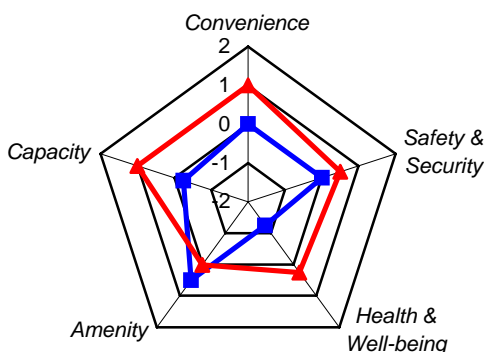
Convenience The road area ratio is one of the worst in the city. However, most people do not regard the traffic situation as a problem.

Safety & Security Police presence is hardly felt, and traffic injury rate is high. Although the commune is resilient to floods, the people are still concerned about the situation.

Health & Well-being All health & well-being facilities are poorly provided, and the people are dissatisfied with the situation.

Amenity The people are especially dissatisfied with the lack of entertainment facilities, parks, and green spaces.

Capacity The average income is lower than the district average. The people lack telecommunications services.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Phu

District: Hoa Vang

Profile

Hoa Phu commune is located southwest of Danang City on the border with Quang Nam province. Nearly 10% of the population belong to the Ko Tu ethnic minority. Most of the land is mountainous. The Phuoc Nhon hot spring is located here. Road conditions in the commune are quite poor.

Location



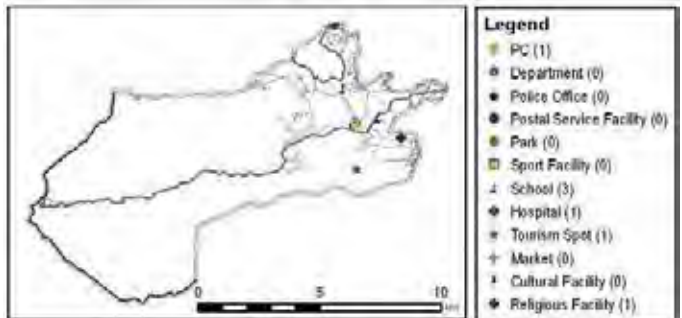
FACT SHEET

Main Indicators		Value
Population	Population (2000)	4,178
	Population (2007)	4,373
	Average Population Growth Rate (00-07)	0.65
	Gross Population Density Ratio (no./ha)	1
	Net Population Density Ratio (no./ha)	8
Land	Total Area (ha)	8586
	Net Area (ha) ¹	538.90
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	33 : 8 : 59
	Employment-Residence Ratio (%) ²	0.79
	Enrolment-Residence Ratio (%) ³	0.67
Household Information	Average Household Size	4.0
	Average Monthly Household Income (000VND)	2,556
	Poor Households (%)	3.7
	Households with Own Houses (%)	95.6
	Households with Cars/1-2 Motorcycles (%)	92.6
Transportation	Average Travel Time (excluding walking) (min.)	18.3
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	108.2
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	70.4
	Households with Internet Connection (%)	3.8
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	3
	Students (no.)	946
	Teachers (no.)	66

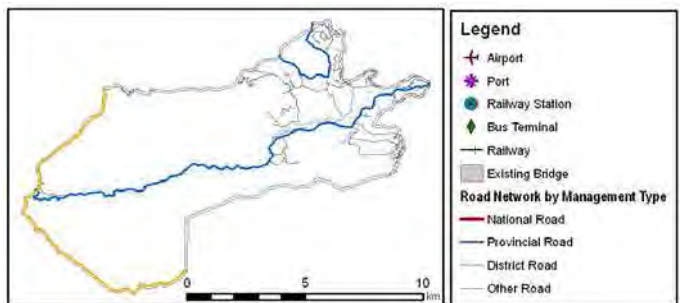
Population



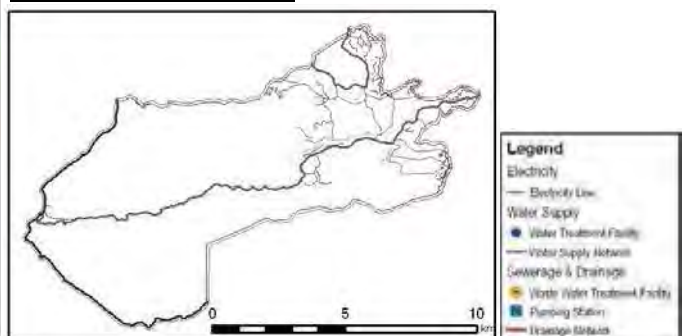
Public Facilities



Transportation



Urban Infrastructure

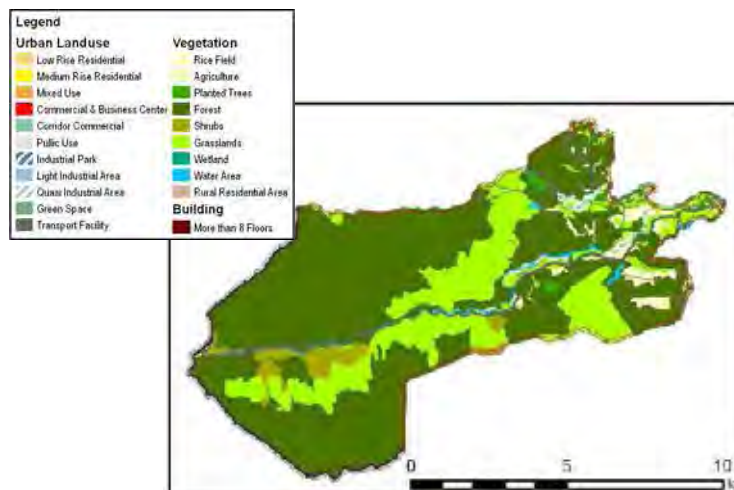


¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

Land Use



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Phu Commune	Hoa Vang District	Danang City					Hoa Phu Commune	Objective Score	Commune Rank	Subjective Score
							0.48	0	49	1	37	
CONVENIENCE	Household Electricity Connection (%)	96	100	99	100	Power Supply	0.11	1	54	1	48	
	Road Area Ratio (% per net area)	0.0	19.8	12.8	15.0	Traffic Situation	0.83	-2	56	1	11	
	To-work Travel Time (min.)	17.1	14.9	16.7	15.0	To-work Travel Time	0.57	2	37	1	29	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	2	-	
	Motor Vehicle Ownership per 000 Population	398	543	450	250	Transportation Convenience	0.73	1	43	1	27	
	# of TV Sets per 000 Population	224	407	323	300	Telecommunications	0.32	1	56	1	41	
	# of Telephones per 000 Population	197	227	200	300	Telecommunications	0.32	0	34	1	41	
							0.16	1	4	1	48	
SAFETY & SECURITY	Police Service Coverage (%)	0.0	99.8	71.6	80.0	Safety and Security	0.37	-2	51	1	42	
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	0.00	2	1	0	45	
	HHs with Permanent Housing (%)	100.0	98.9	98.4	100.0	Housing	0.26	2	1	1	42	
	Traffic Injuries per 100,000 Population	0	1,306	1,480	700	Traffic Safety	-0.01	2	1	0	42	
							-0.36	-1	42	-1	55	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	3.7	95.2	60.9	80.0	Water Supply	-1.00	-2	52	-1	55	
	HHs Covered by SW Collection Services (%)	0.0	96.3	80.2	90.0	Solid Waste Collection	-0.50	-2	55	-1	55	
	HHs with Sewerage Systems (%)	0.0	87.7	51.6	90.0	Drainage Conditions	0.30	-2	51	1	38	
	Hospitals per 000 Population	0.23	0.16	0.13	0.15	Access to Health Care	-0.22	2	6	-1	56	
							0.00	1	4	0	40	
AMENITY	Cultural Facilities per 000 Population	0.46	0.41	0.53	1.00	Access to Entertainment Facilities	0.00	0	22	0	22	
	Water Areas per 000 Population (ha)	24.75	1.25	5.52	10.00	Neighborhood Landscape	0.00	2	3	0	39	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.50	-2	13	-1	52	
	Green Areas per 000 Population (ha)	1939	0.01	298.66	300.00	Greenery	0.00	2	3	0	28	
	Average Living Space per Capita (m ²)	191.3	22.4	75.3	50.0	Housing Conditions	0.41	2	7	1	26	
	Net Population Density (no./ha)	8	206	39	100	Peace and Order Situation	0.11	2	1	1	42	
							0.41	0	43	1	45	
CAPACITY	Average Annual Income (USD)	1,704	3,295	2,619	5,000	Housing	0.26	-1	50	1	42	
	Motor Vehicle Ownership per 000 Population	398	543	450	250	Transportation Convenience	0.73	1	43	1	27	
	Internet Connections per 000 Population	38	342	174	500	Telecommunications	0.32	-1	42	1	41	
	Mobile Phone Ownership per 000 Population	291	477	352	500	Telecommunications	0.32	1	40	1	41	

Overall Assessment

Objective Assessment Score: **0.23 (41/56)**

Subjective Assessment Score: **0.14 (49/56)**

rank /
commune

Summary Diagnosis

Overall Assessment

Objective scores of most indicators, especially health & well-being, are low. Safety & security conditions are quite good, ranking the commune 4th among the city's communes.

Convenience

The road area ratio is the worst in the city. The ownership rates for motor vehicles, TV sets, and telephones are all below the city average.

Safety & Security

All indicators scored high except for police service coverage. However, the people's assessment of this indicator is not negative.

Health & Well-being

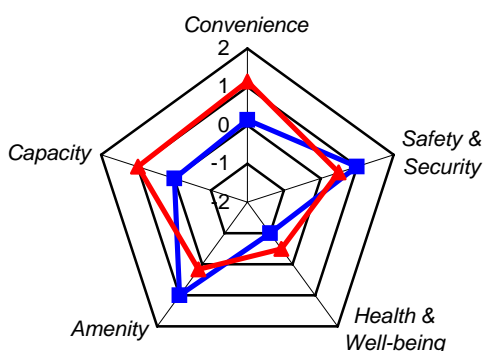
All health & well-being facilities are poorly provided, and the people are dissatisfied with this situation.

Amenity

Water and green areas are abundant, and the commune is large. The people are dissatisfied with the lack of entertainment facilities and parks/ open spaces.

Capacity

Although the commune's average annual income is higher than the district average, the capacity levels of Hoa Phu households are low.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Phuoc

District: Hoa Vang

Profile

Since Hoa Phuoc commune is bordered by the Cai River to the east, flooding is a concern of residents. From 2000 to 2007, the population did not change much. Household income is low, and the percentage of poor households is high. About 45% of the land area is devoted to agricultural use. The Qua Giang relic is located in this commune.

Location



FACT SHEET

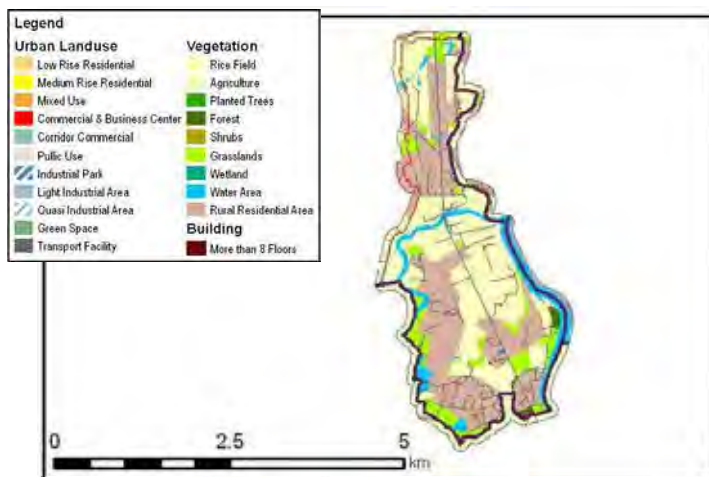
Main Indicators		Value
Population	Population (2000)	9,600
	Population (2007)	9,674
	Average Population Growth Rate (00-07)	0.11
	Gross Population Density Ratio (no./ha)	14
	Net Population Density Ratio (no./ha)	17
Land	Total Area (ha)	712
	Net Area (ha) ¹	577.82
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	28 : 33 : 39
	Employment-Residence Ratio (%) ²	0.77
	Enrolment-Residence Ratio (%) ³	0.72
Household Information	Average Household Size	3.6
	Average Monthly Household Income (000VND)	2,565
	Poor Households (%)	9.4
	Households with Own Houses (%)	98.4
	Households with Cars/1-2 Motorcycles (%)	78.0
Transportation	Average Travel Time (excluding walking) (min.)	16.2
	Public Transportation Usage (all trips) (%)	0.2
Landscape Areas	Water Surface (ha)	50.7
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	43.7
	Households with Internet Connection (%)	1.6
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Teachers (no.)	104

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

³Measures the number of students studying in the area and students living in the area.

Land Use



Population



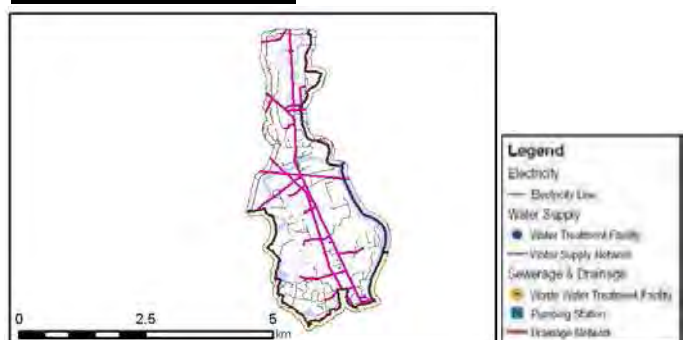
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition		2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition		ASSESSMENT			
		Hoa Bac Commune	Hoa Vang District	Danang City					Hoa Bac Commune	Objective Score	Commune Rank	Subjective Score
							0.19	0	42	0	53	
CONVENIENCE	Household Electricity Connection (%)	100	100	99	100	Power Supply	-0.06	2	1	-1	52	
	Road Area Ratio (% per net area)	3.5	19.8	12.8	15.0	Traffic Situation	0.48	-1	45	1	47	
	To-work Travel Time (min.)	19.1	14.9	16.7	15.0	To-work Travel Time	0.47	2	47	1	38	
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	0.00	-2	7	0	17	
	Motor Vehicle Ownership per 000 Population	374	543	450	250	Transportation Convenience	0.62	1	46	1	36	
	# of TV Sets per 000 Population	250	407	323	300	Telecommunications	-0.07	1	50	-1	56	
	# of Telephones per 000 Population	162	227	200	300	Telecommunications	-0.07	0	48	-1	56	
							-0.18	-1	54	0	55	
SAFETY & SECURITY	Police Service Coverage (%)	29.7	99.8	71.6	80.0	Safety and Security	0.48	-1	44	1	30	
	Flood Vulnerability (% of area)	57.8	38.7	25.7	10.0	Flooding	-1.03	-2	47	-2	56	
	HHs with Permanent Housing (%)	96.9	98.9	98.4	100.0	Housing	0.06	1	47	1	52	
	Traffic Injuries per 100,000 Population	2,264	1,306	1,480	700	Traffic Safety	-0.24	-2	43	-1	53	
							-0.40	-1	46	-1	56	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	1.6	95.2	60.9	80.0	Water Supply	-0.75	-2	53	-1	50	
	HHs Covered by SW Collection Services (%)	53.0	96.3	80.2	90.0	Solid Waste Collection	0.16	-2	45	1	46	
	HHs with Sewerage Systems (%)	3.1	87.7	51.6	90.0	Drainage Conditions	-0.95	-2	47	-1	56	
	Hospitals per 000 Population	0.10	0.16	0.13	0.15	Access to Health Care	-0.06	1	26	-1	49	
							-0.32	1	9	-1	55	
AMENITY	Cultural Facilities per 000 Population	0.62	0.41	0.53	1.00	Access to Entertainment Facilities	-0.75	1	15	-1	56	
	Water Areas per 000 Population (ha)	5.24	1.25	5.52	10.00	Neighborhood Landscape	-0.22	0	16	-1	49	
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.80	-2	13	-1	56	
	Green Areas per 000 Population (ha)	66.23	0.01	298.66	300.00	Greenery	-0.29	2	15	-1	50	
	Average Living Space per Capita (m ²)	212.7	22.4	75.3	50.0	Housing Conditions	0.09	2	6	1	49	
	Net Population Density (no./ha)	17	206	39	100	Peace and Order Situation	0.03	2	12	0	49	
							0.14	-1	52	0	53	
CAPACITY	Average Annual Income (USD)	1,710	3,295	2,619	5,000	Housing	0.06	-1	49	1	52	
	Motor Vehicle Ownership per 000 Population	374	543	450	250	Transportation Convenience	0.62	1	46	1	36	
	Internet Connections per 000 Population	16	342	174	500	Telecommunications	-0.07	-2	47	-1	56	
	Mobile Phone Ownership per 000 Population	188	477	352	500	Telecommunications	-0.07	0	51	-1	56	

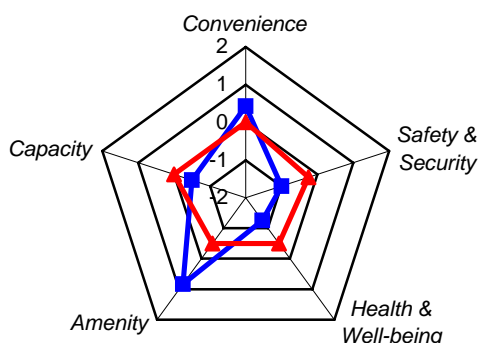
Overall Assessment

Objective Assessment Score: **-0.30 (54/56)**
 Subjective Assessment Score: **-0.11 (56/56)**

rank /
commune

Summary Diagnosis

Overall Assessment: Both objective and subjective scores of this commune are low. The people's assessment is the worst in the city.



■ Objective Assessment Score ■ Subjective Assessment Score

- Convenience**: The people are most dissatisfied with power supply and telecommunications conditions.
- Safety & Security**: Flood vulnerability is quite high, and the people's concern about flooding is the highest in the city.
- Health & Well-being**: A hospital is located in this commune. The supply of piped water and provision of sewerage systems are inadequate.
- Amenity**: Objective scores are rather high, but the people assessed the amenity levels as low.
- Capacity**: The average annual income is quite low. Ownership rates for motor vehicles and mobile phones, as well as the internet connection rate, are much lower than the city average.

Commune: Hoa Son

District: Hoa Vang

Profile

Hoa Son commune is bordered by Lien Chieu district to the northeast and east. Poverty is an issue in this commune, as almost 1 in every 3 households are poor, the highest rate in the city. There is a large cemetery and 10 religious/worship facilities in this commune.

FACT SHEET

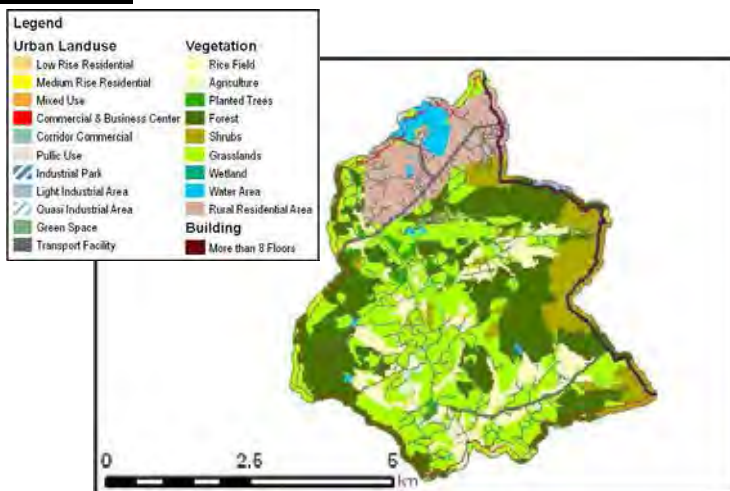
Main Indicators		Value
Population	Population (2000)	10,110
	Population (2007)	10,926
	Average Population Growth Rate (00-07)	1.12
	Gross Population Density Ratio (no./ha)	5
	Net Population Density Ratio (no./ha)	18
Land	Total Area (ha)	2227
	Net Area (ha) ¹	611.91
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	29 : 36 : 36
	Employment-Residence Ratio (%) ²	0.85
	Enrolment-Residence Ratio (%) ³	1.29
Household Information	Average Household Size	3.6
	Average Monthly Household Income (000VND)	2,220
	Poor Households (%)	28.6
	Households with Own Houses (%)	99.1
	Households with Cars/1-2 Motorcycles (%)	74.4
Transportation	Average Travel Time (excluding walking) (min.)	17.6
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	63.1
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	48.7
	Households with Internet Connection (%)	2.9
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	6
	Students (no.)	4,055
	Teachers (no.)	202

¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

² Measures the number of workers working in the area and workers living in the area.

³ Measures the number of students studying in the area and students living in the area.

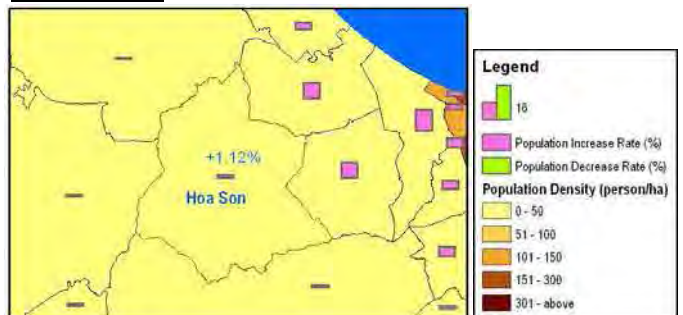
Land Use



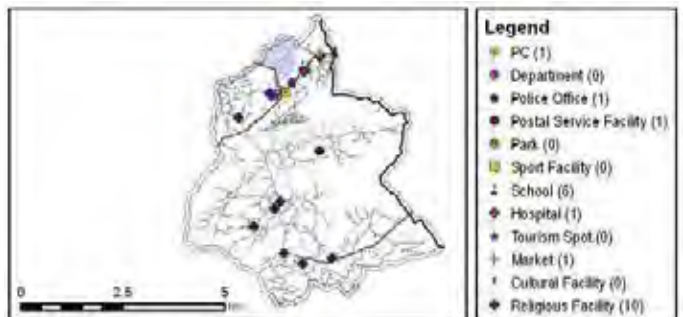
Location



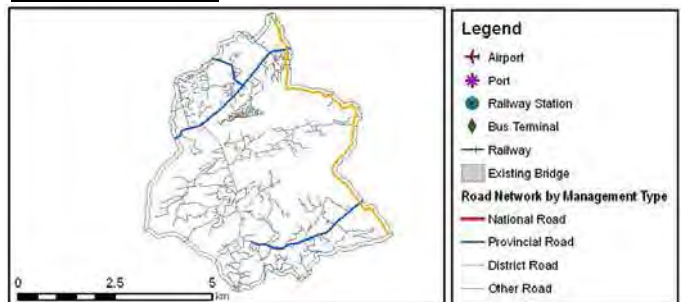
Population



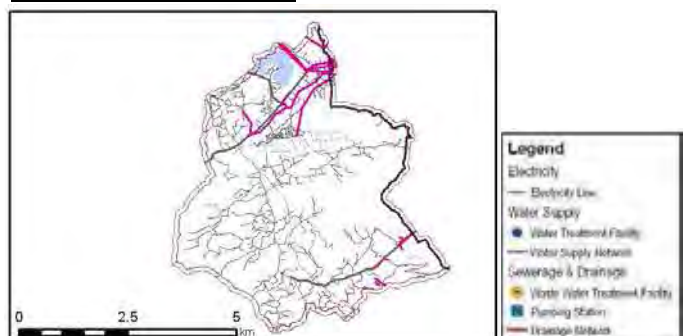
Public Facilities



Transportation



Urban Infrastructure



Statistical Data on Current Condition	2007				Benchmark 2025 for Danang City	People's Assessment on Current Condition	Hoa Son Commune	ASSESSMENT			
	Hoa Son Commune	Hoa Vang District	Danang City					Objective Score	Commune Rank	Subjective Score	Commune Rank
							0.45	0	46	1	42
CONVENIENCE	Household Electricity Connection (%)	99	100	99	100	Power Supply	0.06	1	48	1	50
	Road Area Ratio (% per net area)	4.9	19.8	12.8	15.0	Traffic Situation	0.58	-1	41	1	40
	To-work Travel Time (min.)	17.9	14.9	16.7	15.0	To-work Travel Time	0.42	2	43	1	43
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	333	543	450	250	Transportation Convenience	0.57	1	51	1	41
	# of TV Sets per 000 Population	255	407	323	300	Telecommunications	0.54	1	47	1	20
	# of Telephones per 000 Population	175	227	200	300	Telecommunications	0.54	0	45	1	20
							0.36	-1	51	1	24
SAFETY & SECURITY	Police Service Coverage (%)	31.8	99.8	71.6	80.0	Safety and Security	0.83	-1	43	1	6
	Flood Vulnerability (% of area)	7.3	38.7	25.7	10.0	Flooding	0.29	-1	24	1	32
	HHs with Permanent Housing (%)	95.7	98.9	98.4	100.0	Housing	0.29	1	48	1	38
	Traffic Injuries per 100,000 Population	2,641	1,306	1,480	700	Traffic Safety	0.04	-2	46	0	36
							-0.23	-2	50	0	53
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	5.7	95.2	60.9	80.0	Water Supply	-0.67	-2	50	-1	49
	HHs Covered by SW Collection Services (%)	31.4	96.3	80.2	90.0	Solid Waste Collection	-0.32	-2	49	-1	52
	HHs with Sewerage Systems (%)	4.3	87.7	51.6	90.0	Drainage Conditions	-0.01	-2	44	0	48
	Hospitals per 000 Population	0.09	0.16	0.13	0.15	Access to Health Care	0.09	0	29	1	37
							-0.11	1	9	0	47
AMENITY	Cultural Facilities per 000 Population	0.92	0.41	0.53	1.00	Access to Entertainment Facilities	-0.51	1	8	-1	52
	Water Areas per 000 Population (ha)	5.77	1.25	5.52	10.00	Neighborhood Landscape	0.00	0	15	0	39
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.43	-2	13	-1	48
	Green Areas per 000 Population (ha)	187.6	0.01	298.66	300.00	Greenery	-0.29	2	9	-1	51
	Average Living Space per Capita (m ²)	156.4	22.4	75.3	50.0	Housing Conditions	0.07	2	11	1	51
	Net Population Density (no./ha)	18	206	39	100	Peace and Order Situation	0.50	2	13	1	11
							0.48	0	48	1	33
CAPACITY	Average Annual Income (USD)	1,480	3,295	2,619	5,000	Housing	0.29	-1	54	1	38
	Motor Vehicle Ownership per 000 Population	333	543	450	250	Transportation Convenience	0.57	1	51	1	41
	Internet Connections per 000 Population	29	342	174	500	Telecommunications	0.54	-1	44	1	20
	Mobile Phone Ownership per 000 Population	180	477	352	500	Telecommunications	0.54	0	53	1	20

Overall Assessment

Objective Assessment Score: -0.28 (53/56)

Subjective Assessment Score: 0.19 (47/56)

rank /
commune

Summary Diagnosis

Overall Assessment Objective scores are low for most indicators, especially health & well-being. However, the people believe that the conditions in the commune are acceptable.

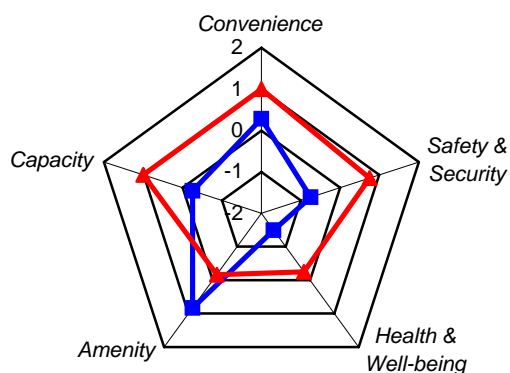
Convenience Though higher than the district average, the road area ratio is deemed low. Ownership rates for motor vehicles, TV sets, and telephones are all below the city average.

Safety & Security Traffic injury rate is rather high despite the low motor vehicle ownership.

Health & Well-being The people feel the need for improvement in water supply and solid waste collection services.

Amenity Water areas and greeneries are abundant, and the commune is spacious. The people are dissatisfied with the lack of entertainment facilities and parks/ open spaces.

Capacity The average annual income is low at almost half of the city average.



— Objective Assessment Score — Subjective Assessment Score

Commune: Hoa Tien

District: Hoa Vang

Profile

Hoa Tien commune is bordered by Quang Nam province to the south and by the Cau Do River to the north. The dominant sector is primary, and 60% of the land is devoted to agricultural use. A railway station is located in the eastern side of the commune side near the border with Hoa Chau commune.

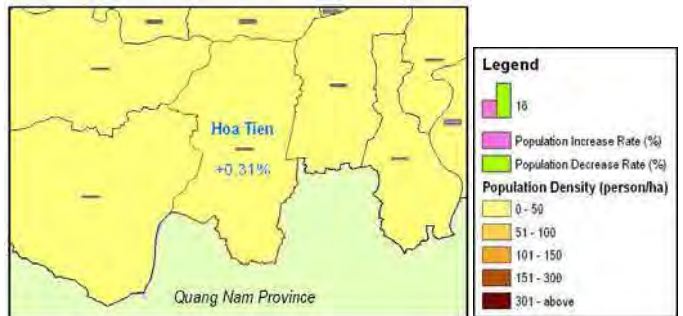
Location



FACT SHEET

Main Indicators		Value
Population	Population (2000)	14,338
	Population (2007)	14,653
	Average Population Growth Rate (00-07)	0.31
	Gross Population Density Ratio (no./ha)	11
	Net Population Density Ratio (no. /ha)	15
Land	Total Area (ha)	1393
	Net Area (ha) ¹	969.1
Employment and Enrolment	Primary:Secondary:Tertiary Employment Rate (%)	47 : 24 : 29
	Employment-Residence Ratio (%) ²	0.80
	Enrolment-Residence Ratio (%) ³	0.85
Household Information	Average Household Size	3.9
	Average Monthly Household Income (000VND)	2,748
	Poor Households (%)	3.3
	Households with Own Houses (%)	97.0
	Households with Cars/1-2 Motorcycles (%)	79.2
Transportation	Average Travel Time (excluding walking) (min.)	19.1
	Public Transportation Usage (all trips) (%)	0.0
Landscape Areas	Water Surface (ha)	72.8
	Parks and Open Spaces (ha)	0.00
Connectivity	Households with Mobile Phones (%)	56.1
	Households with Internet Connection (%)	0.0
Health	Hospitals (no.)	1
	Hospital Beds (no.)	0
	Doctors (no.)	0
Education	Schools (no.)	5
	Students (no.)	3,058
	Teachers (no.)	154

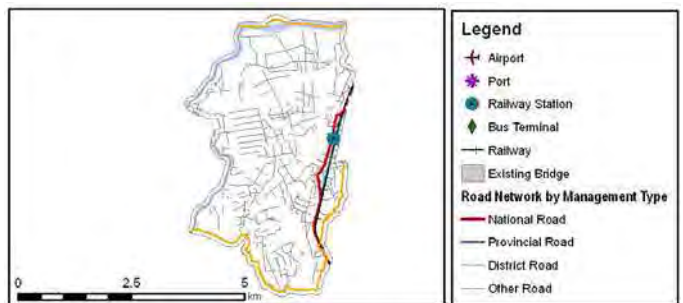
Population



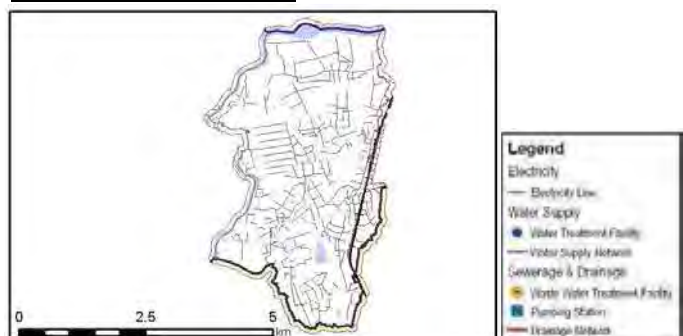
Public Facilities



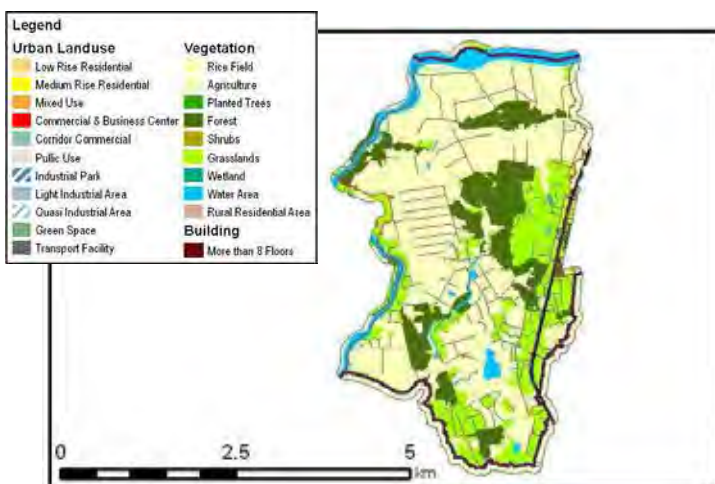
Transportation



Urban Infrastructure



Land Use



¹Net Area refers to urban areas and areas suitable for development. The latter was calculated based on a development suitability analysis wherein development constraints were identified.

²Measures the number of workers working in the area and workers living in the area.

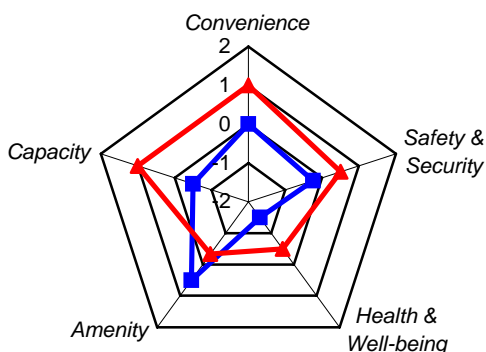
³Measures the number of students studying in the area and students living in the area.

Statistical Data on Current Condition	2007				People's Assessment on Current Condition	Hoa Tien Commune	ASSESSMENT				
	Hoa Tien Commune	Hoa Vang District	Danang City	Benchmark 2025 for Danang City			Objective Score	Commune Rank	Subjective Score	Commune Rank	
						0.15	0	51	1	55	
CONVENIENCE	Household Electricity Connection (%)	97	100	99	100	Power Supply	0.19	1	53	1	44
	Road Area Ratio (% per net area)	1.1	19.8	12.8	15.0	Traffic Situation	0.15	-2	53	1	55
	To-work Travel Time (min.)	20.7	14.9	16.7	15.0	To-work Travel Time	0.14	1	51	1	54
	To-work Trips by Public Transportation (%)	0.00	0.00	0.07	35.00	Public Transportation Convenience	-	-2	7	-	-
	Motor Vehicle Ownership per 000 Population	369	543	450	250	Transportation Convenience	0.09	1	48	1	55
	# of TV Sets per 000 Population	259	407	323	300	Telecommunications	0.15	1	45	1	50
	# of Telephones per 000 Population	181	227	200	300	Telecommunications	0.15	0	41	1	50
						-0.02	0	43	1	52	
SAFETY & SECURITY	Police Service Coverage (%)	2.1	99.8	71.6	80.0	Safety and Security	0.24	-2	50	1	49
	Flood Vulnerability (% of area)	0.0	38.7	25.7	10.0	Flooding	-0.53	2	1	-1	52
	HHs with Permanent Housing (%)	97.8	98.9	98.4	100.0	Housing	0.08	1	44	1	51
	Traffic Injuries per 100,000 Population	1,717	1,306	1,480	700	Traffic Safety	0.13	-2	37	1	21
						-0.17	-2	50	-1	49	
HEALTH & WELL-BEING	HHs with Piped Water Connection (%)	8.8	95.2	60.9	80.0	Water Supply	-0.23	-2	48	-1	47
	HHs Covered by SW Collection Services (%)	7.7	96.3	80.2	90.0	Solid Waste Collection	-0.45	-2	54	-1	54
	HHs with Sewerage Systems (%)	1.1	87.7	51.6	90.0	Drainage Conditions	-0.08	-2	49	-1	49
	Hospitals per 000 Population	0.07	0.16	0.13	0.15	Access to Health Care	0.07	0	43	1	40
							-0.23	1	16	0	54
AMENITY	Cultural Facilities per 000 Population	0.55	0.41	0.53	1.00	Access to Entertainment Facilities	-0.35	0	18	-1	47
	Water Areas per 000 Population (ha)	4.97	1.25	5.52	10.00	Neighborhood Landscape	-0.44	-1	17	-1	54
	Parks / Open Spaces per 000 Population (ha)	0.00	0.52	0.46	3.00	Access to Parks and Green Spaces	-0.45	-2	13	-1	50
	Green Areas per 000 Population (ha)	89.3	0.01	298.66	300.00	Greenery	-0.44	2	12	-1	52
	Average Living Space per Capita (m ²)	243.8	22.4	75.3	50.0	Housing Conditions	0.21	2	3	1	44
	Net Population Density (no./ha)	15	206	39	100	Peace and Order Situation	0.09	2	10	1	43
							0.12	-1	52	1	54
CAPACITY	Average Annual Income (USD)	1,832	3,295	2,619	5,000	Housing	0.08	-1	45	1	51
	Motor Vehicle Ownership per 000 Population	369	543	450	250	Transportation Convenience	0.09	1	48	1	55
	Internet Connections per 000 Population	0	342	174	500	Telecommunications	0.15	-2	51	1	50
	Mobile Phone Ownership per 000 Population	203	477	352	500	Telecommunications	0.15	0	49	1	50

Overall Assessment

Objective Assessment Score: **-0.35 (55/56)**

Subjective Assessment Score: **-0.03 (55/56)**



— Objective Assessment Score — Subjective Assessment Score

Summary Diagnosis

Overall Assessment Both objective and subjective scores of this commune are low, except for amenity levels.

Convenience The people are most dissatisfied with transportation conditions, i.e. traffic, travel time to work, and convenience.

Safety & Security The commune is resilient to flood disasters, but is vulnerable to traffic accidents.

Health & Well-being Water supply, solid waste collection, and drainage systems are all poorly provided, and the people are dissatisfied with this situation.

Amenity Amenity levels are not bad, but need improvements especially in giving residents access to entertainment facilities and parks / open spaces.

Capacity The objective score for capacity is low. Internet connection rate is especially low, and the people feel that telecommunications services should be improved.

