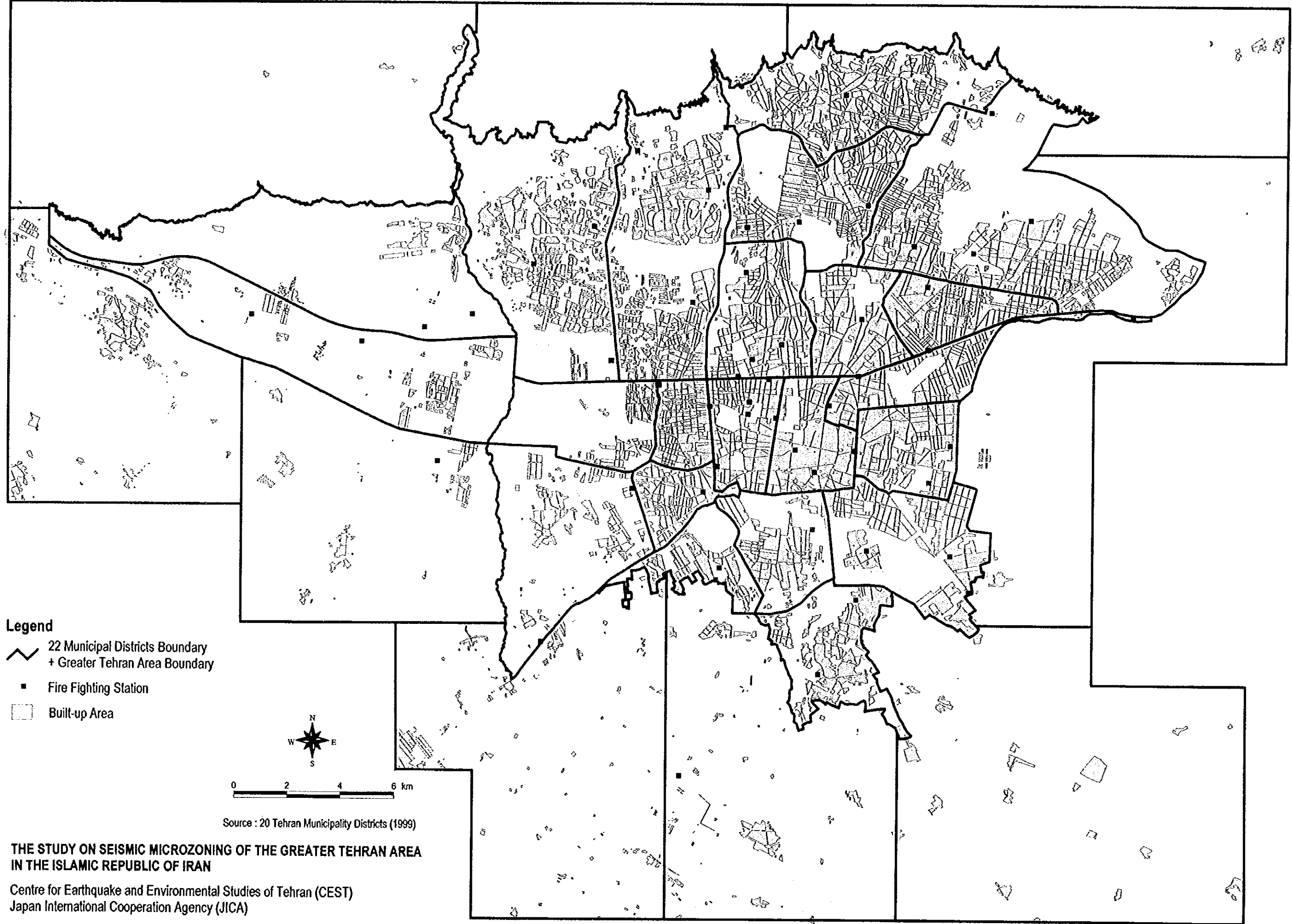
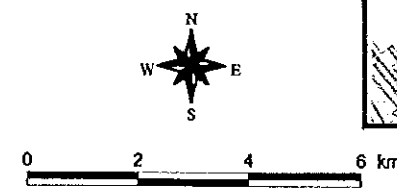


Public Facility (Fire Fighting Station)



Legend

- 22 Municipal Districts Boundary
- - - Greater Tehran Area Boundary
- Fire Fighting Station
- ▨ Built-up Area

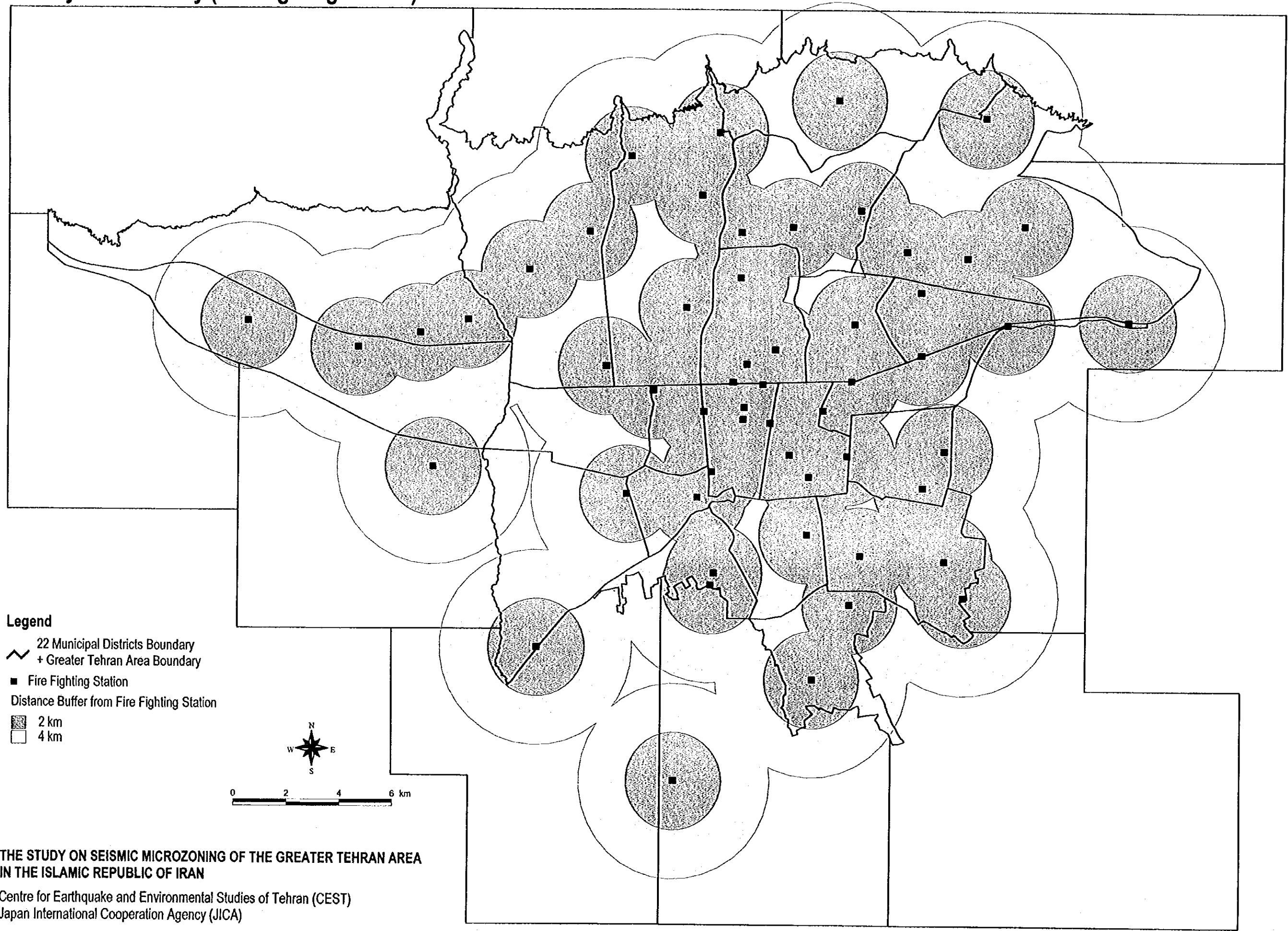


Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
IN THE ISLAMIC REPUBLIC OF IRAN**

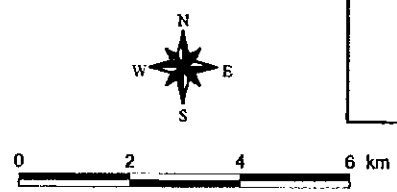
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Facility Accessibility (Fire Fighting Station)



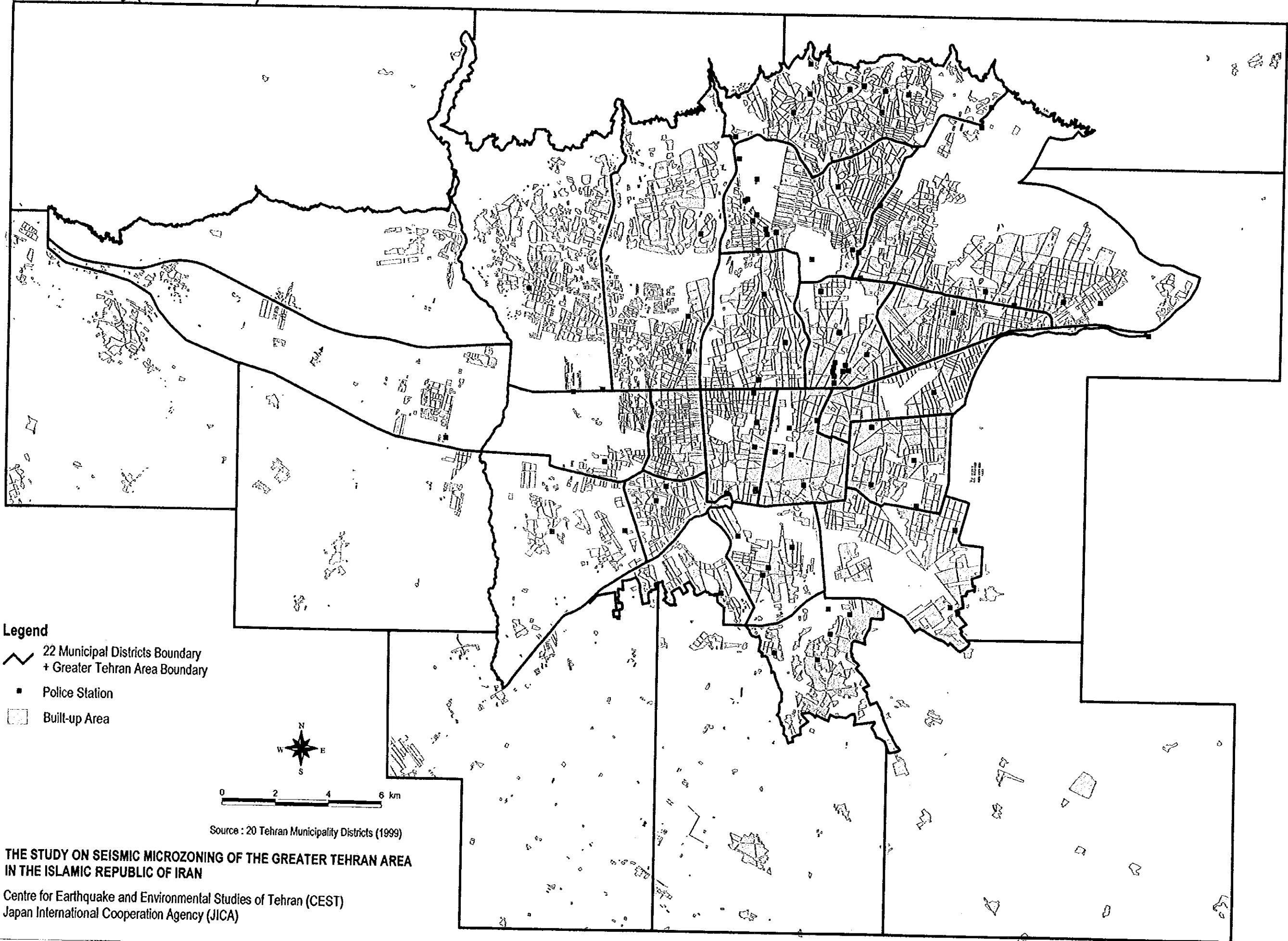
Legend

- 22 Municipal Districts Boundary
- + Greater Tehran Area Boundary
- Fire Fighting Station
- Distance Buffer from Fire Fighting Station
- 2 km
- 4 km






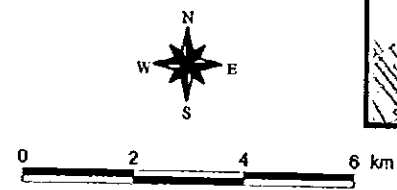
THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
IN THE ISLAMIC REPUBLIC OF IRAN
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Police Station)



Legend

-  22 Municipal Districts Boundary
+ Greater Tehran Area Boundary
-  Police Station
-  Built-up Area

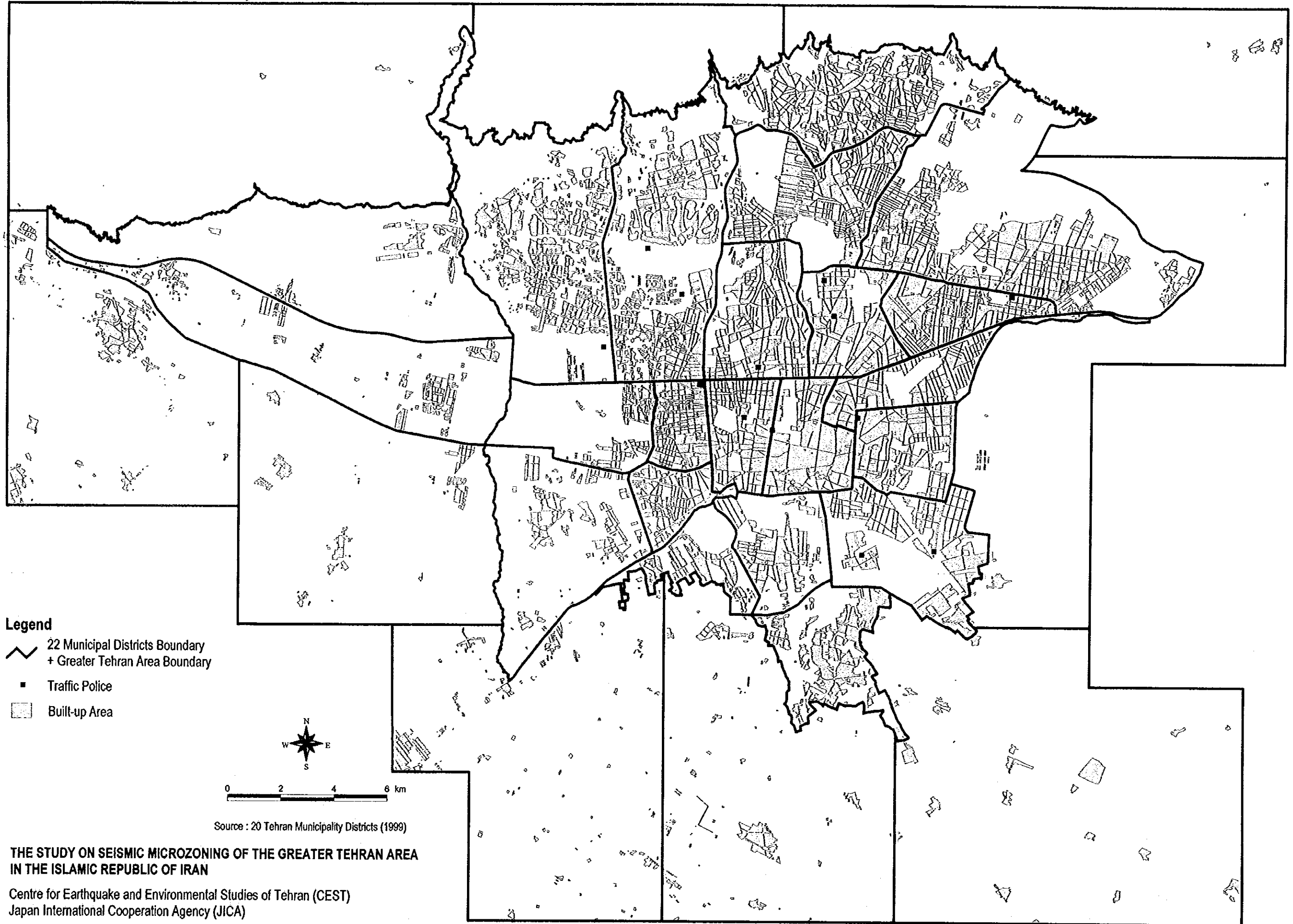


Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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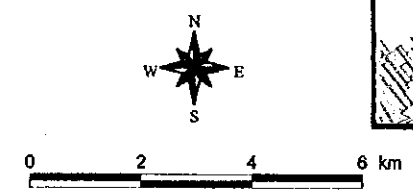
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Traffic Police)



Legend

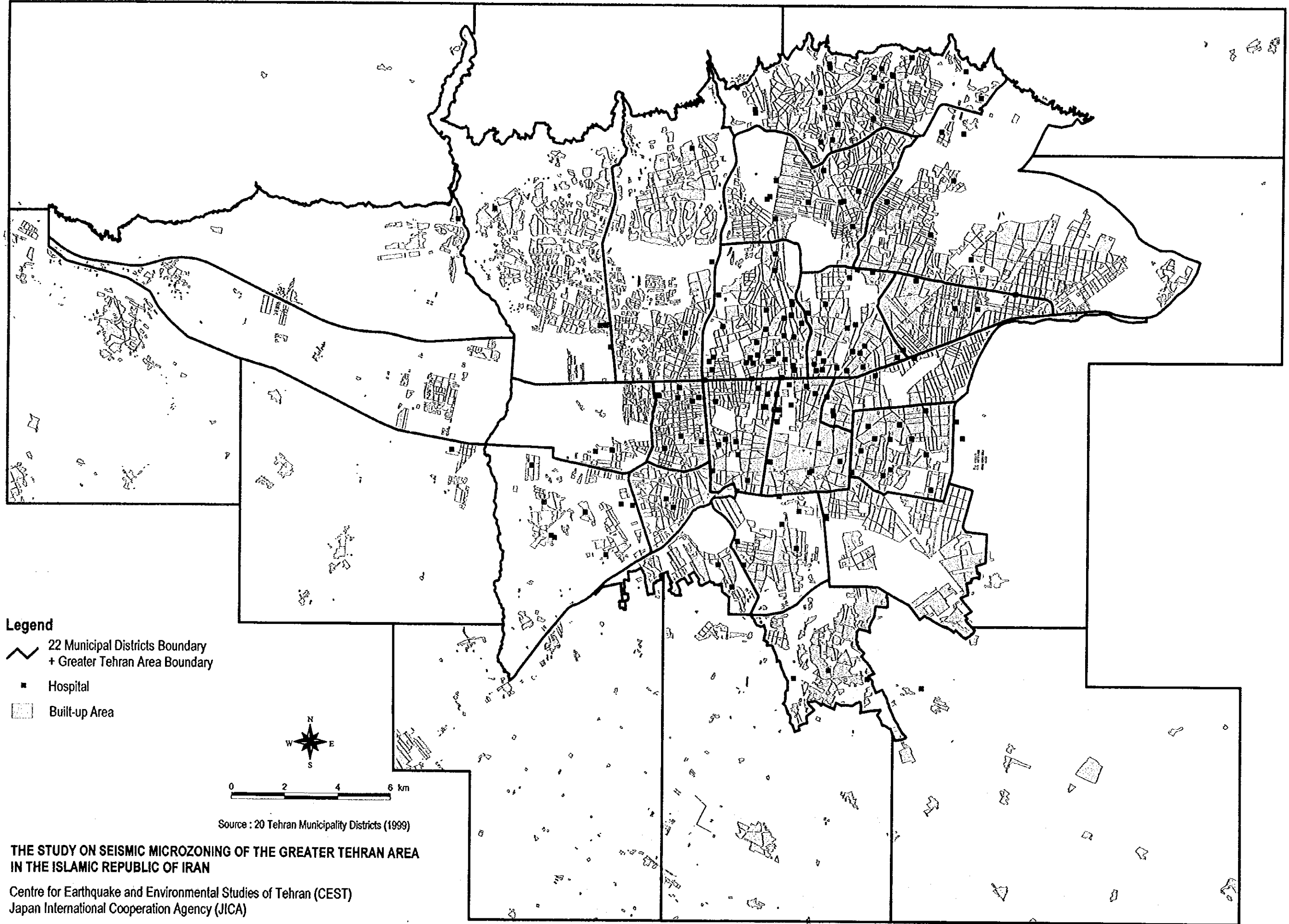
- 22 Municipal Districts Boundary + Greater Tehran Area Boundary
- Traffic Police
- Built-up Area



Source : 20 Tehran Municipality Districts (1999)

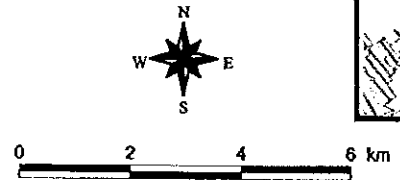
**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Hospital)



Legend

- 22 Municipal Districts Boundary
- - - Greater Tehran Area Boundary
- Hospital
- ▨ Built-up Area

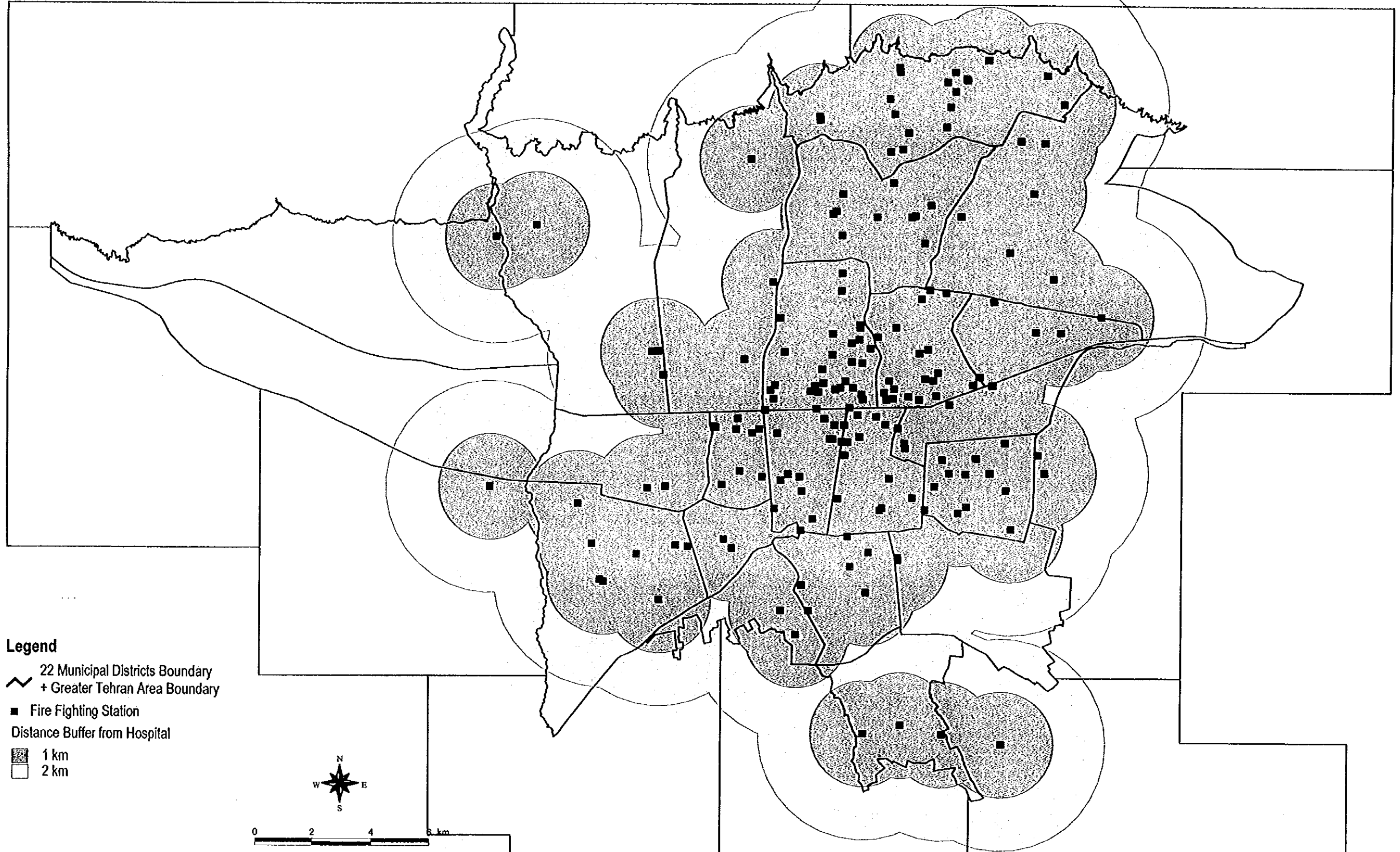


Source : 20 Tehran Municipality Districts (1999)

THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA IN THE ISLAMIC REPUBLIC OF IRAN

Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Facility Accessibility (Hospital)

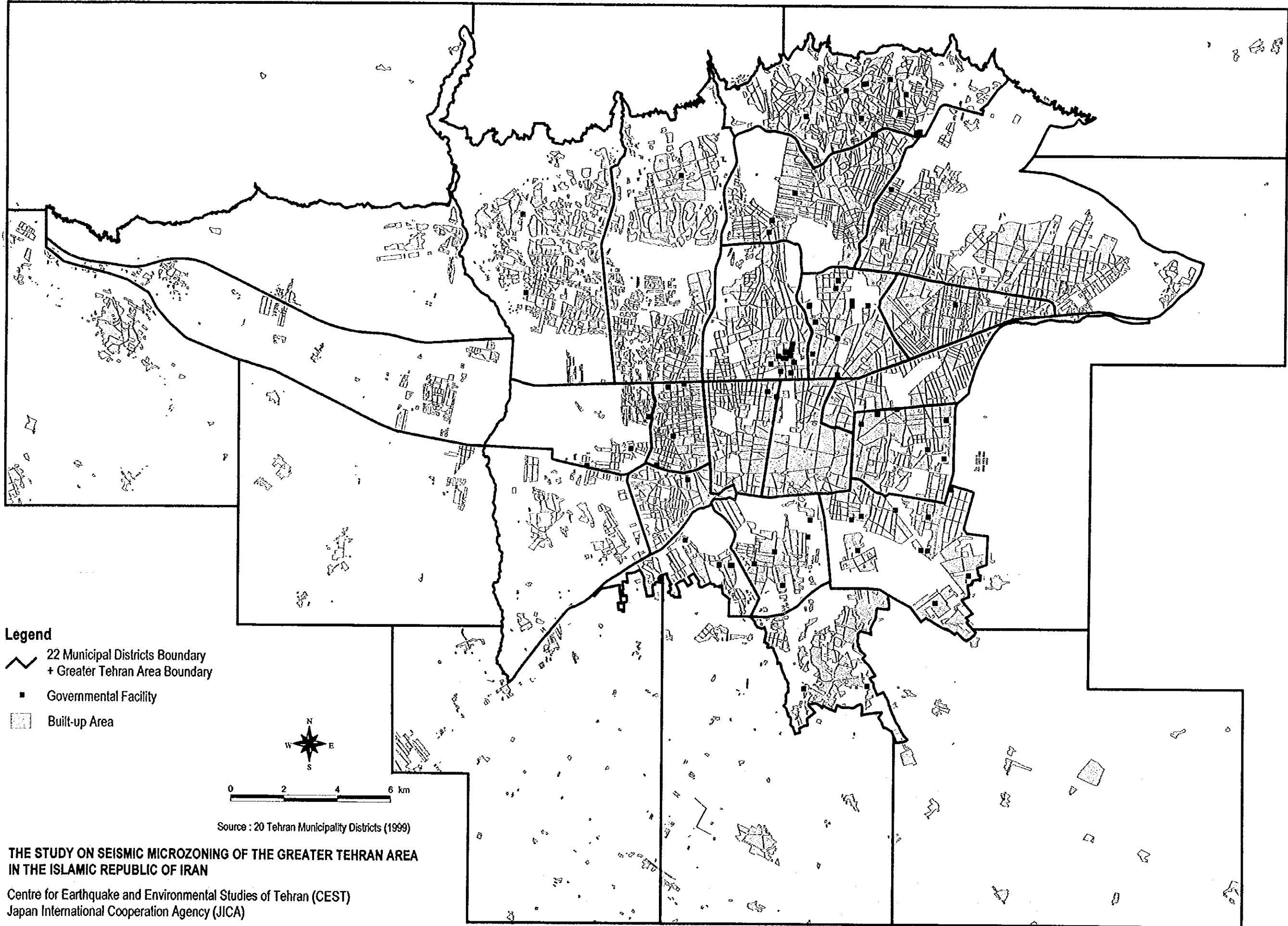


Legend

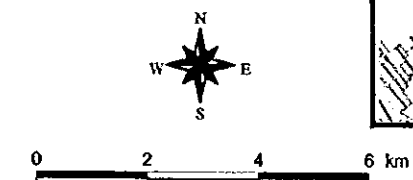
- 22 Municipal Districts Boundary
- + Greater Tehran Area Boundary
- Fire Fighting Station
- Distance Buffer from Hospital
 - 1 km
 - 2 km

THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
IN THE ISLAMIC REPUBLIC OF IRAN
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Governmental)



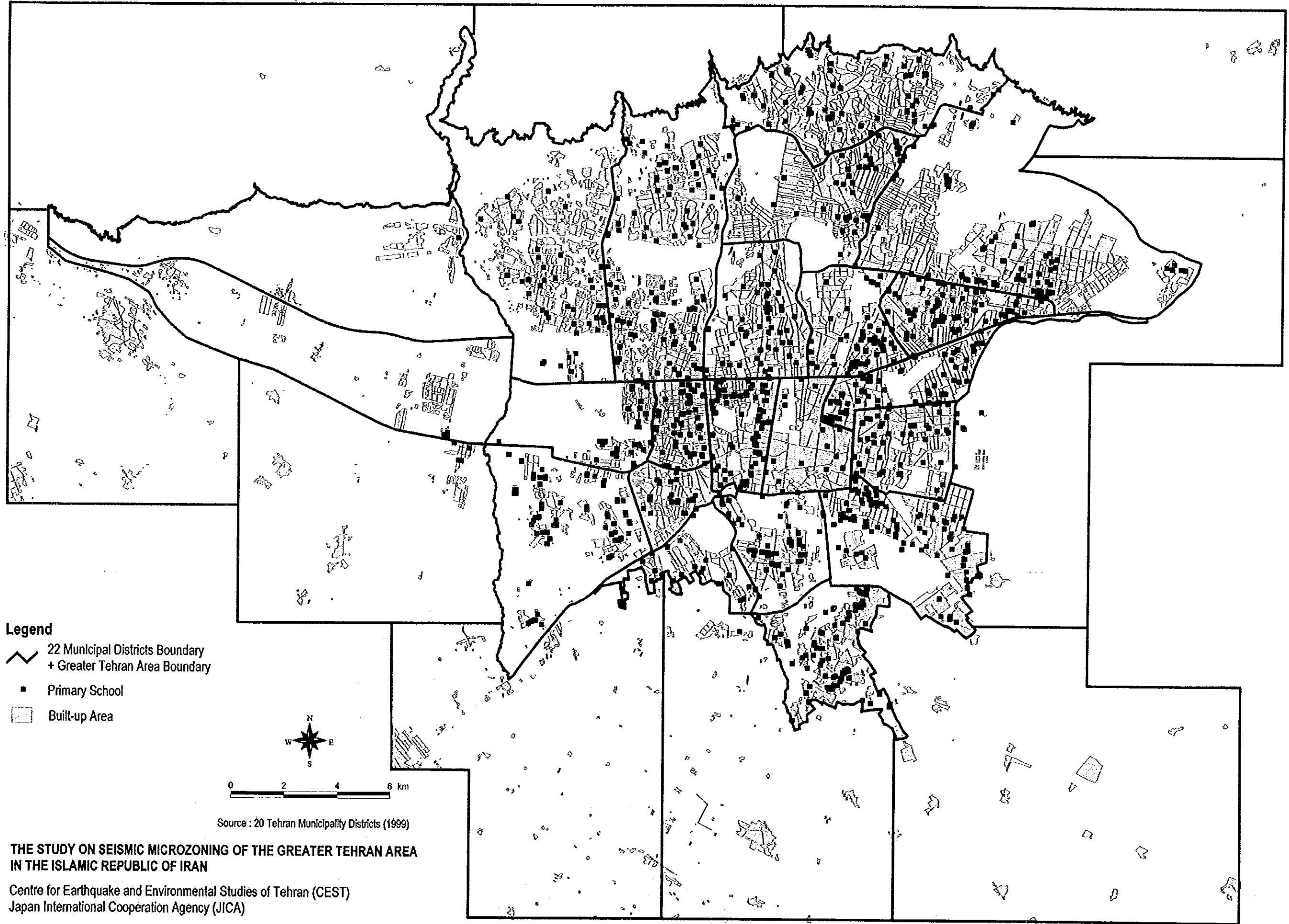
- Legend**
- 22 Municipal Districts Boundary
 - + Greater Tehran Area Boundary
 - Governmental Facility
 - Built-up Area



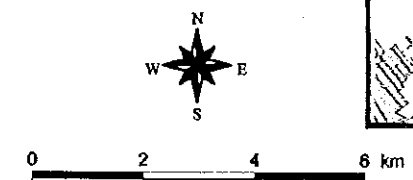
Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
IN THE ISLAMIC REPUBLIC OF IRAN**
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Elementary School)



- Legend**
- 22 Municipal Districts Boundary
 - + Greater Tehran Area Boundary
 - Primary School
 - Built-up Area

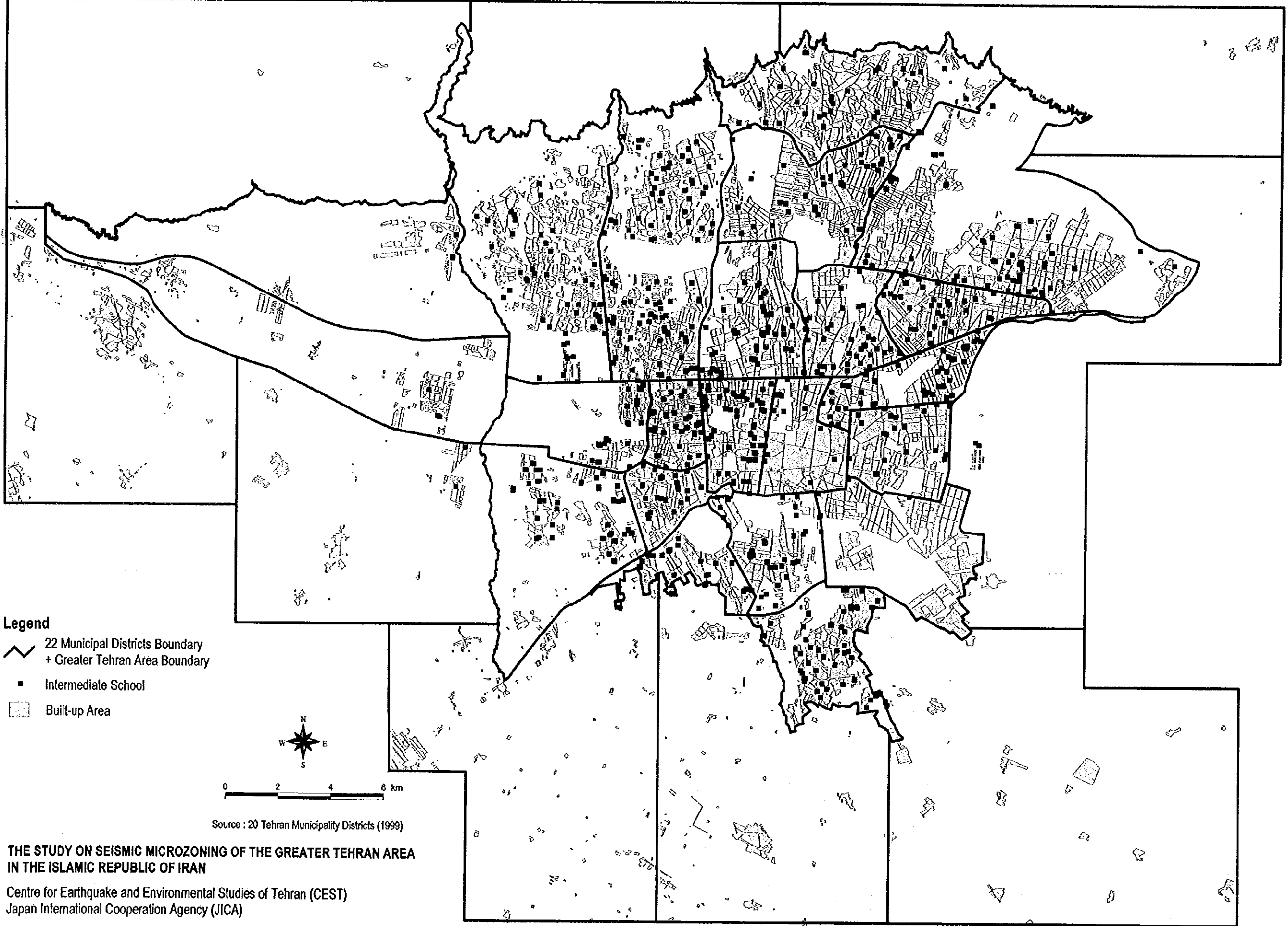


Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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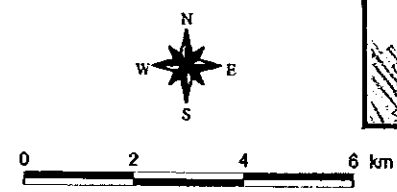
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Intermediate School)



Legend

- 22 Municipal Districts Boundary
- - - Greater Tehran Area Boundary
- Intermediate School
- Built-up Area

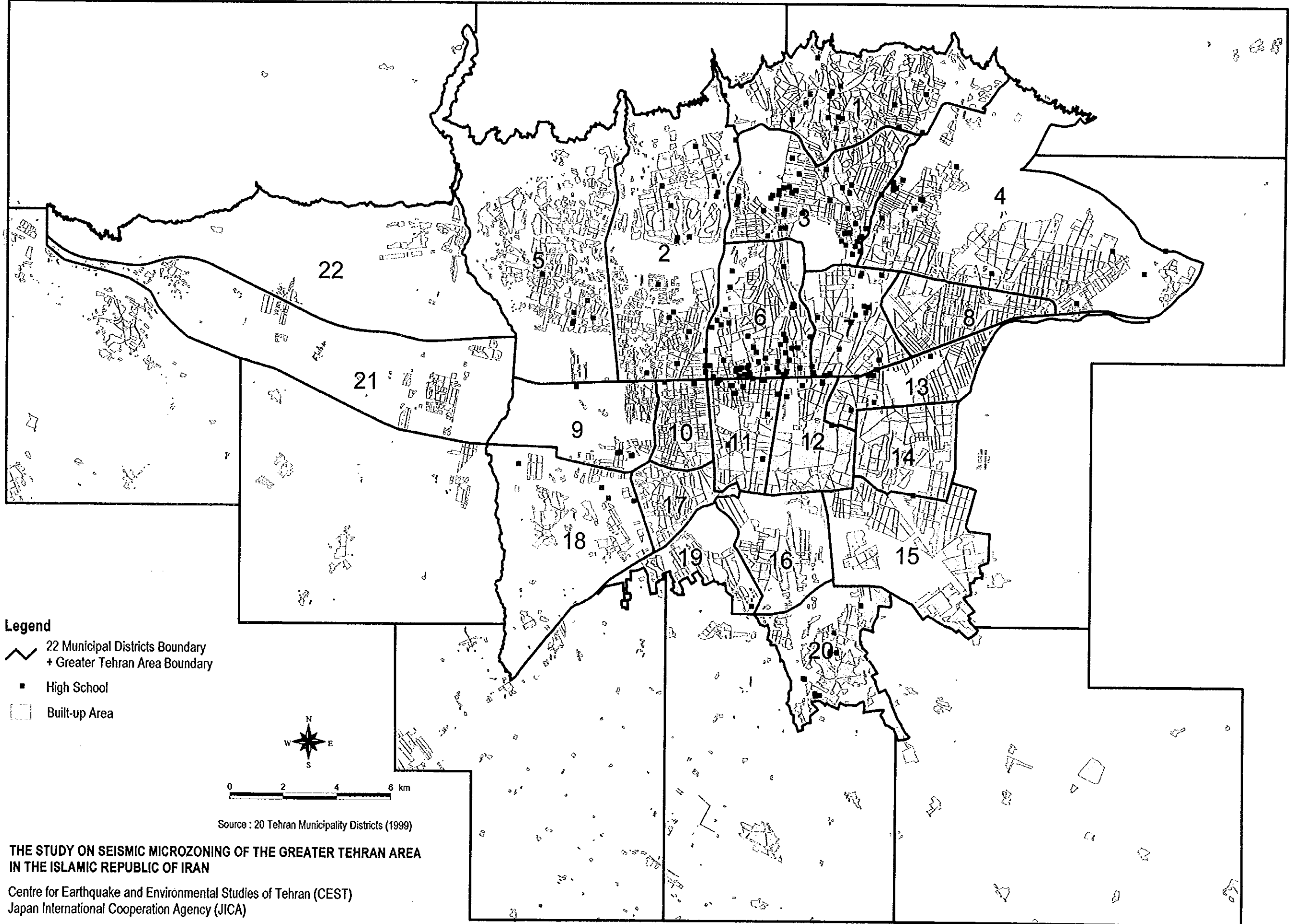


Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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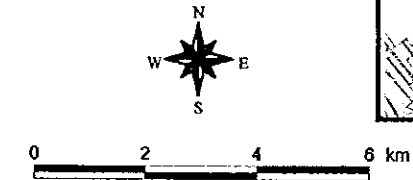
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (High School)



Legend

- 22 Municipal Districts Boundary
- + Greater Tehran Area Boundary
- High School
- Built-up Area

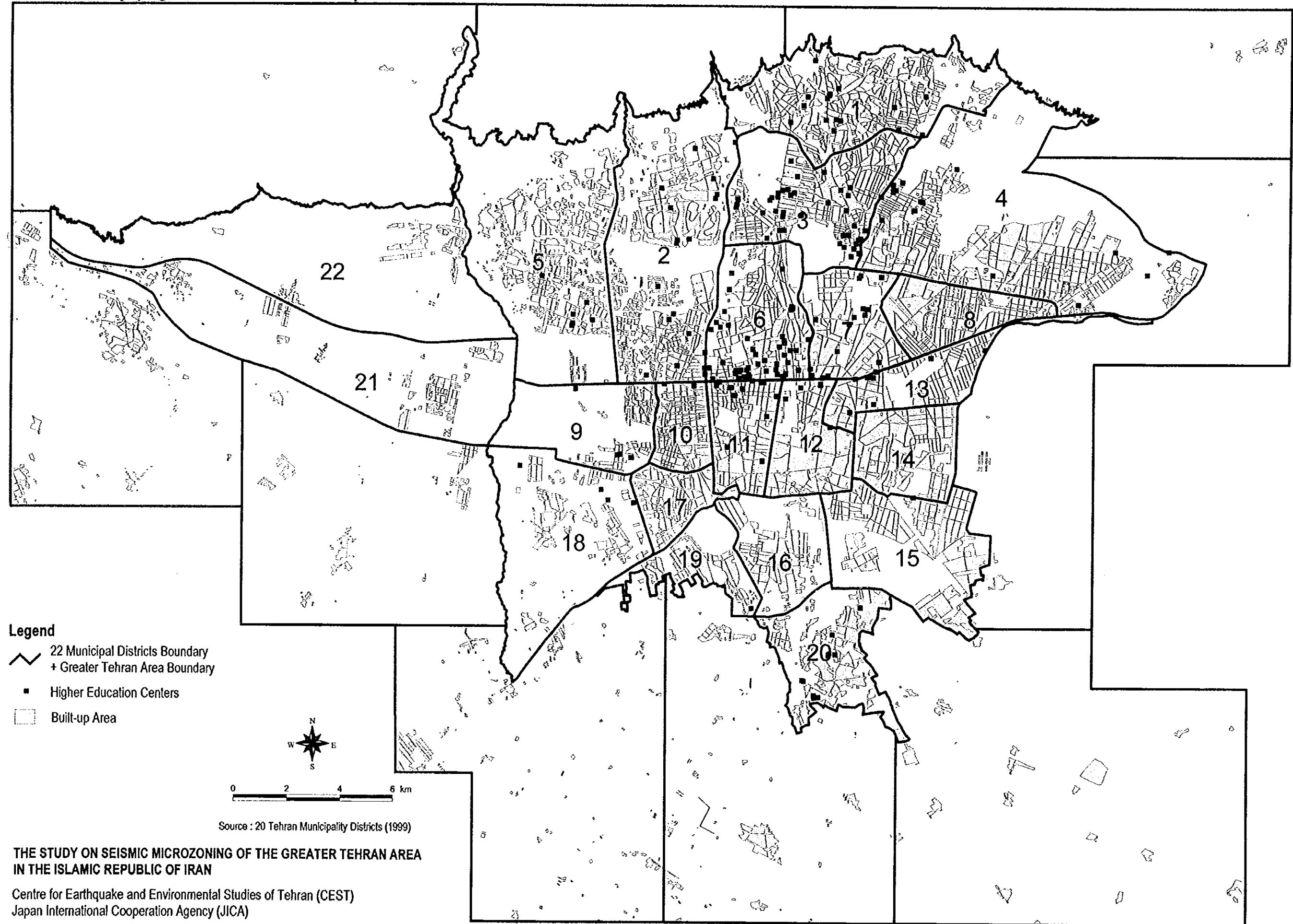


Source : 20 Tehran Municipality Districts (1999)





**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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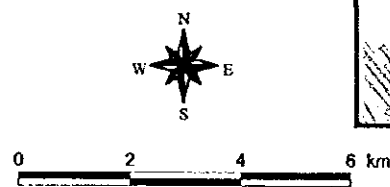
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Higher Education Centers)



Legend

-  22 Municipal Districts Boundary
-  Greater Tehran Area Boundary
-  Higher Education Centers
-  Built-up Area

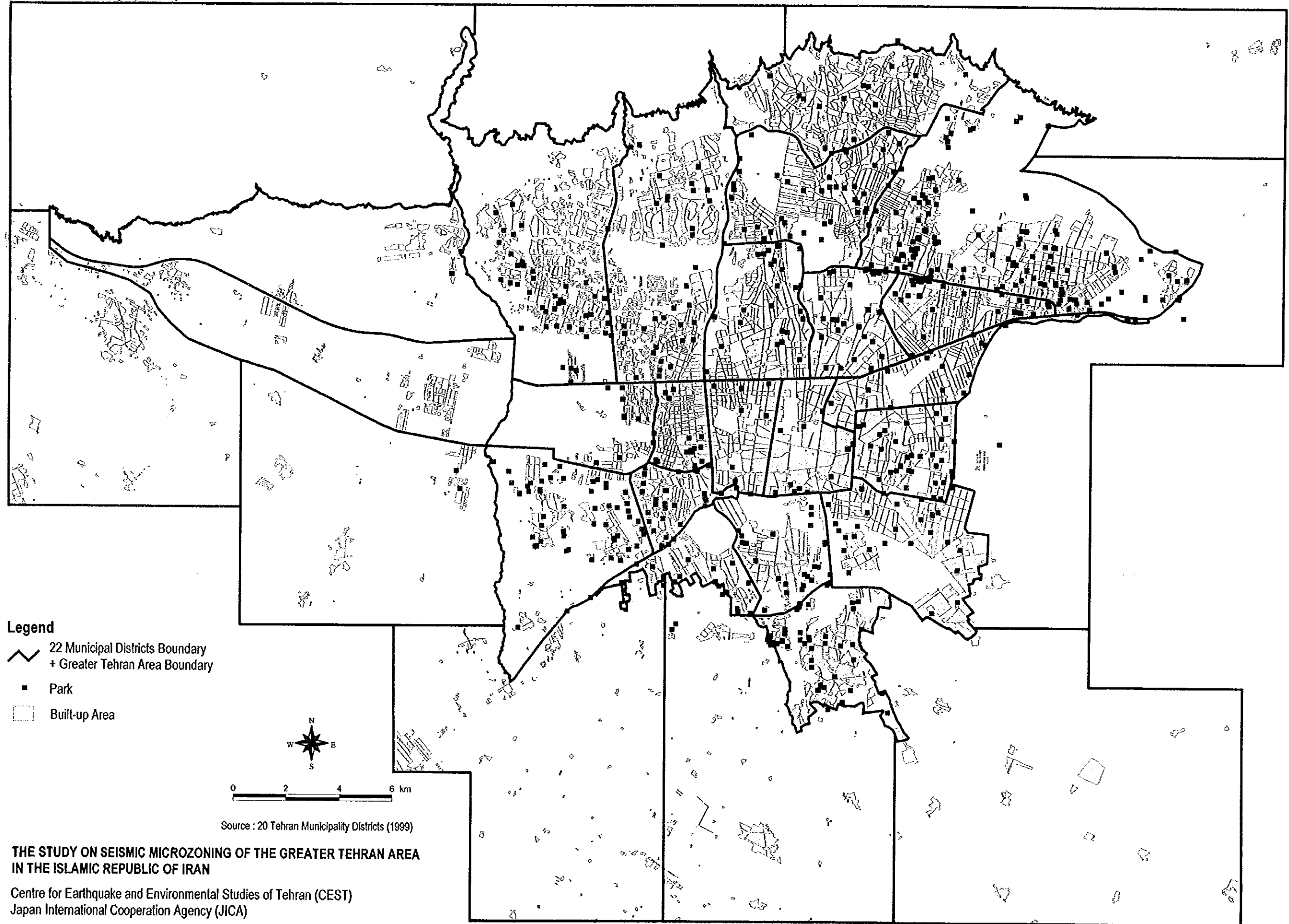


Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
IN THE ISLAMIC REPUBLIC OF IRAN**

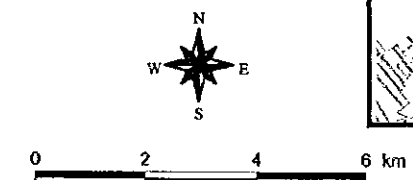
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Public Facility (Park)



Legend

- 22 Municipal Districts Boundary
- - - Greater Tehran Area Boundary
- Park
- ▨ Built-up Area

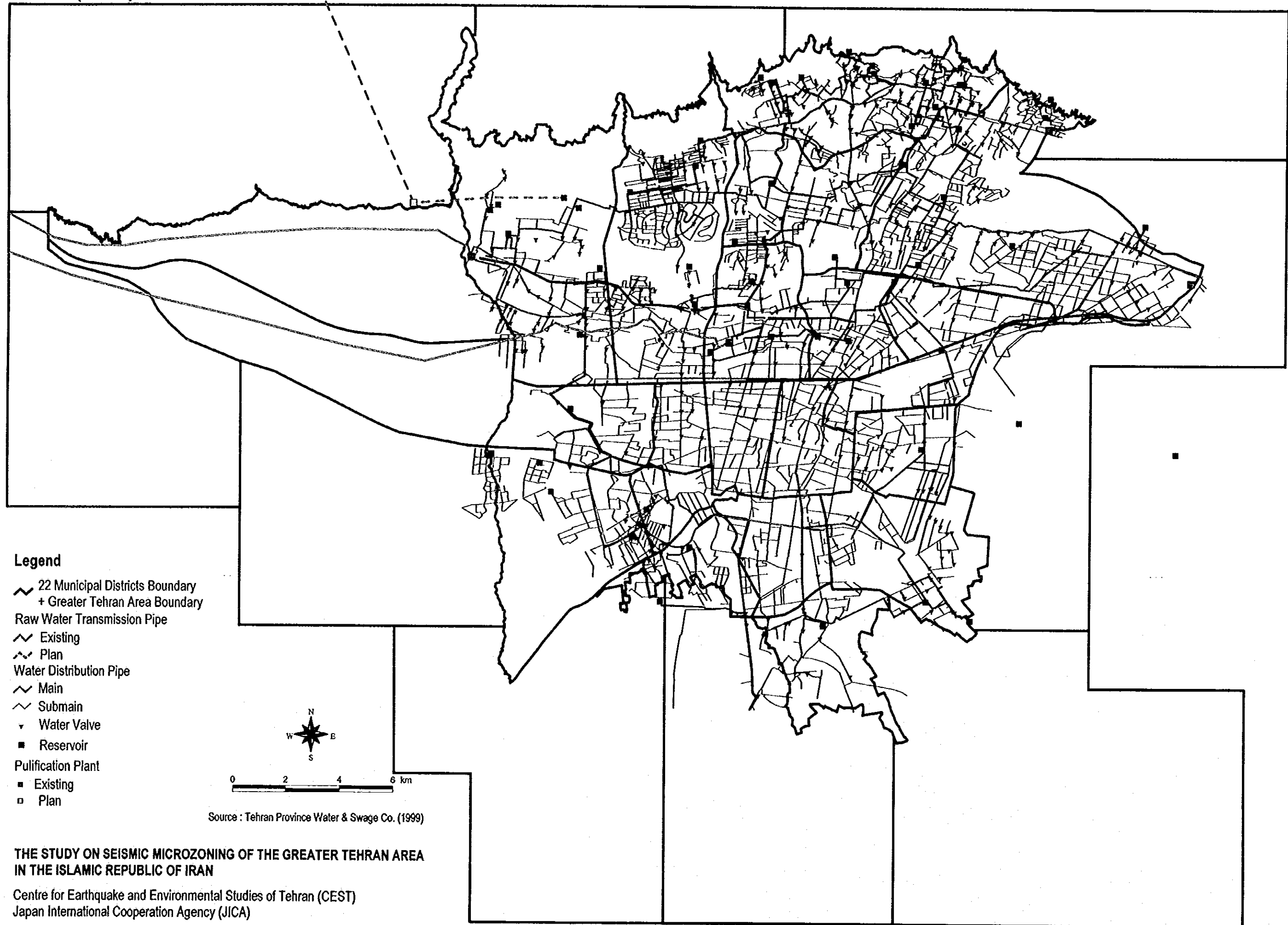


Source : 20 Tehran Municipality Districts (1999)

THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA IN THE ISLAMIC REPUBLIC OF IRAN

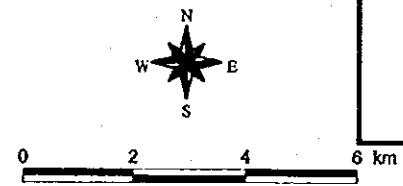
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Lifeline (Water)



Legend

- ~ 22 Municipal Districts Boundary
- + Greater Tehran Area Boundary
- Raw Water Transmission Pipe
- ~ Existing
- - - Plan
- Water Distribution Pipe
- ~ Main
- ~ Submain
- ▼ Water Valve
- Reservoir
- Purification Plant
- Existing
- Plan

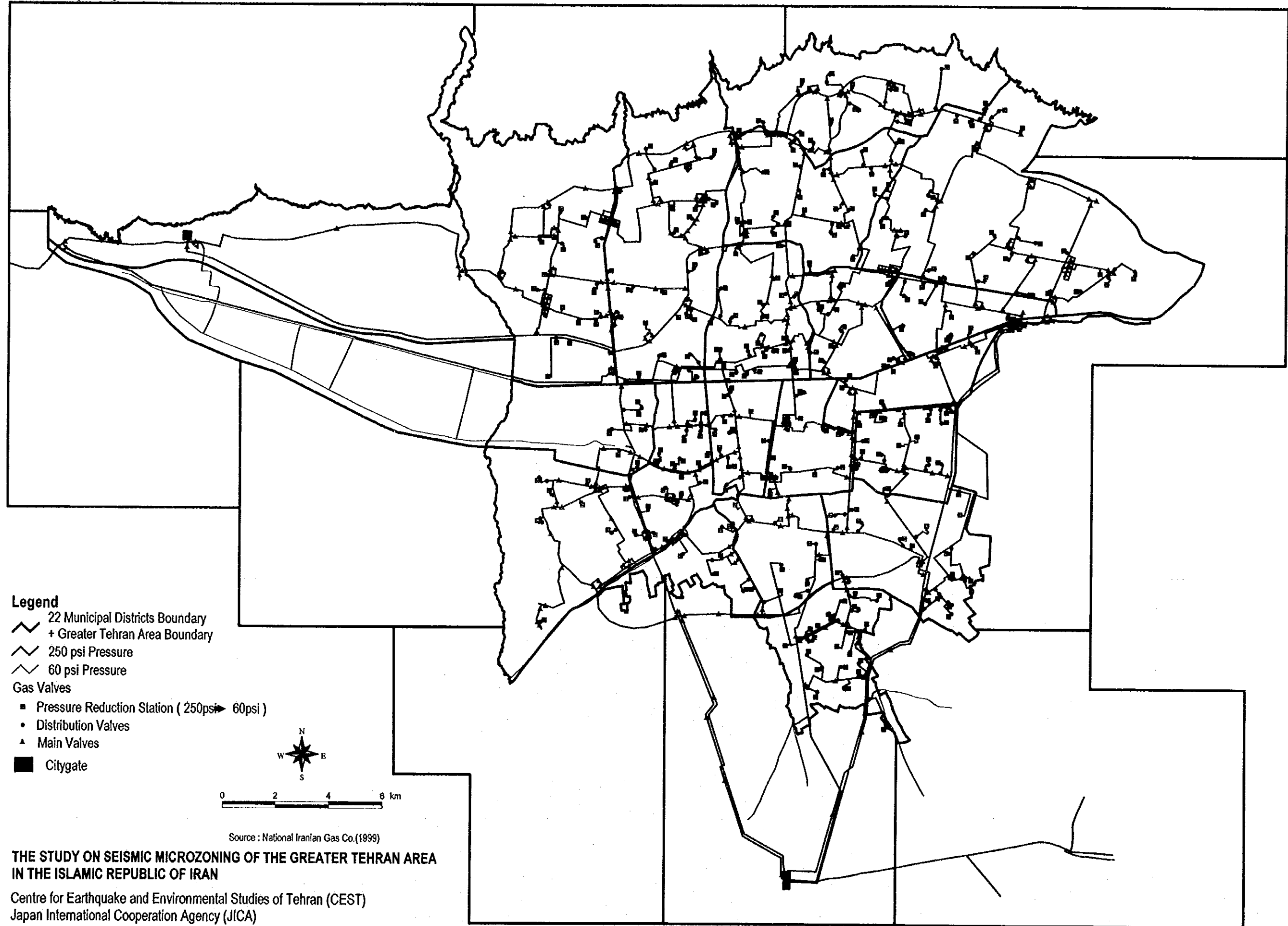


Source : Tehran Province Water & Swage Co. (1999)

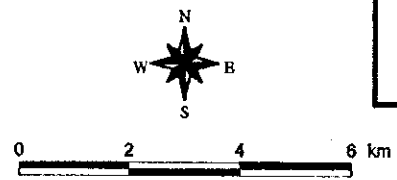
THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA IN THE ISLAMIC REPUBLIC OF IRAN

Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Lifeline (Gas)



- Legend**
- 22 Municipal Districts Boundary
 - + Greater Tehran Area Boundary
 - 250 psi Pressure
 - 60 psi Pressure
 - Gas Valves
 - Pressure Reduction Station (250psi → 60psi)
 - Distribution Valves
 - ▲ Main Valves
 - Citygate

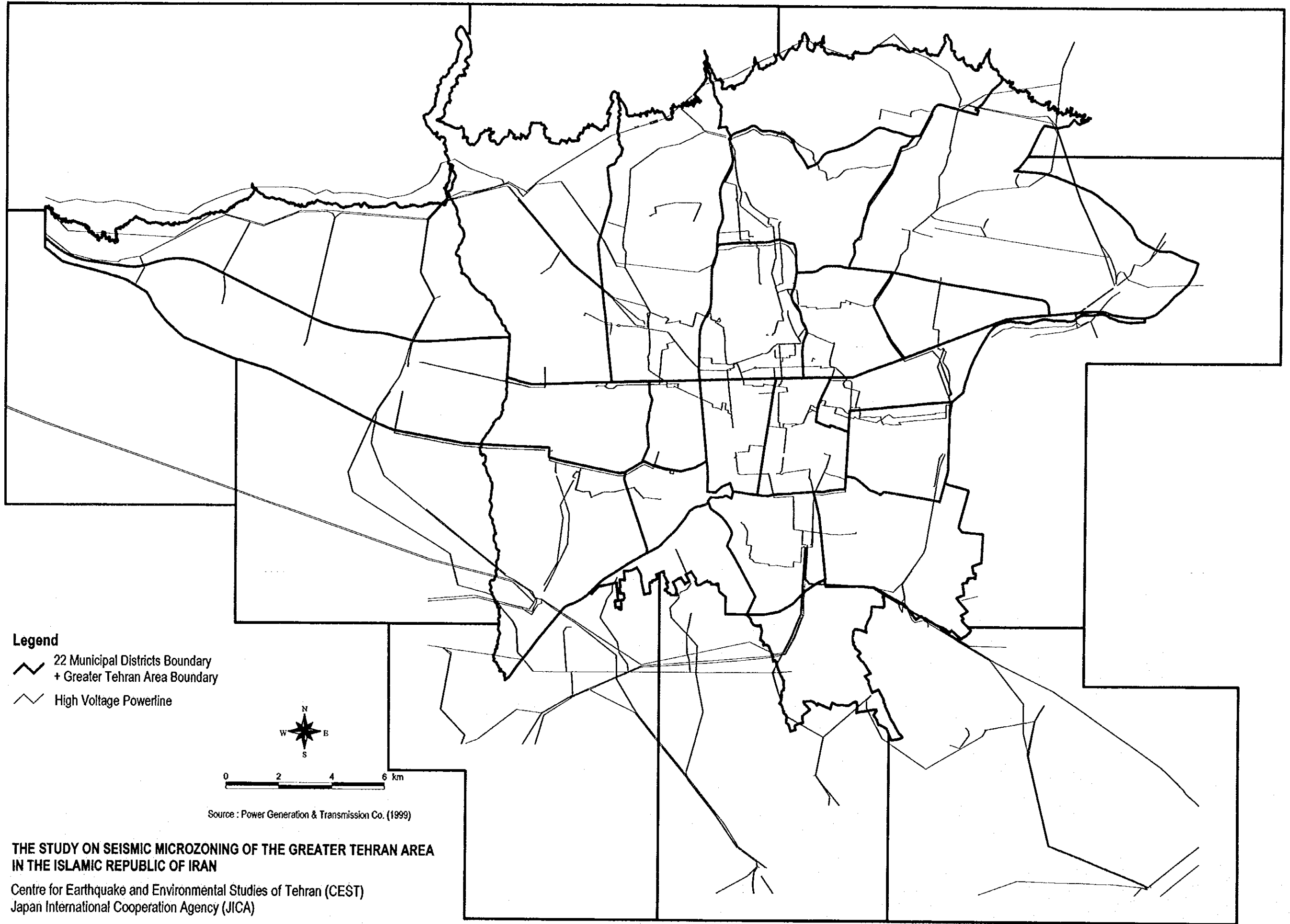


Source : National Iranian Gas Co.(1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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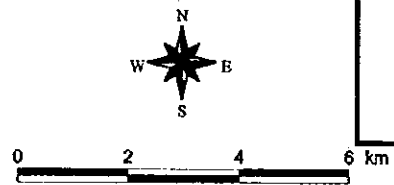
Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Lifeline (Electricity)



Legend

- 22 Municipal Districts Boundary
+ Greater Tehran Area Boundary
- High Voltage Powerline

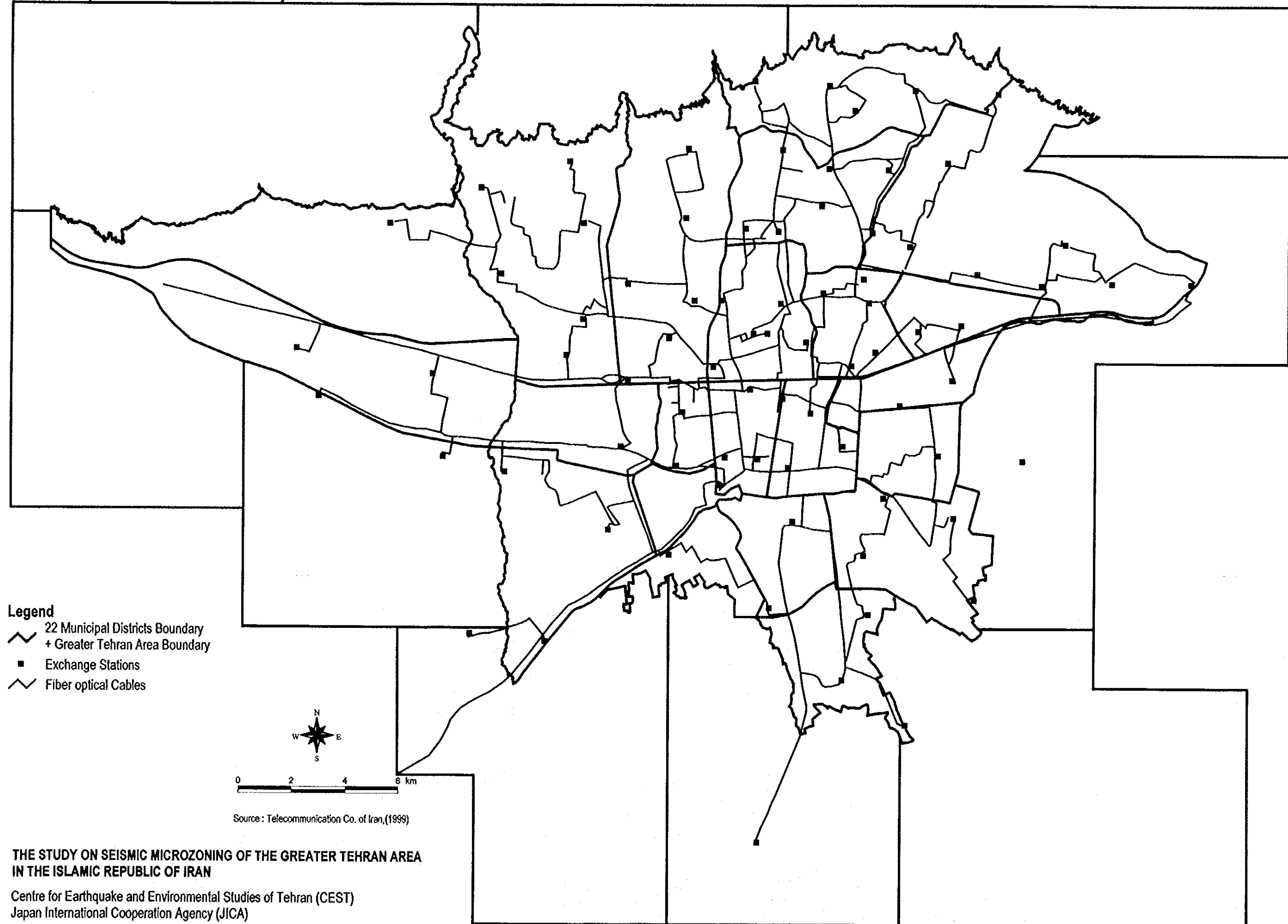


Source : Power Generation & Transmission Co. (1999)

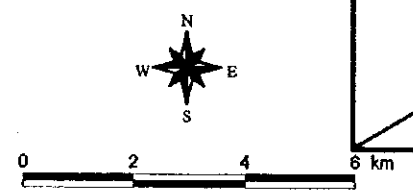
**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Lifeline (Telecommunication)



- Legend**
- 22 Municipal Districts Boundary
 - + Greater Tehran Area Boundary
 - Exchange Stations
 - ~ Fiber optical Cables

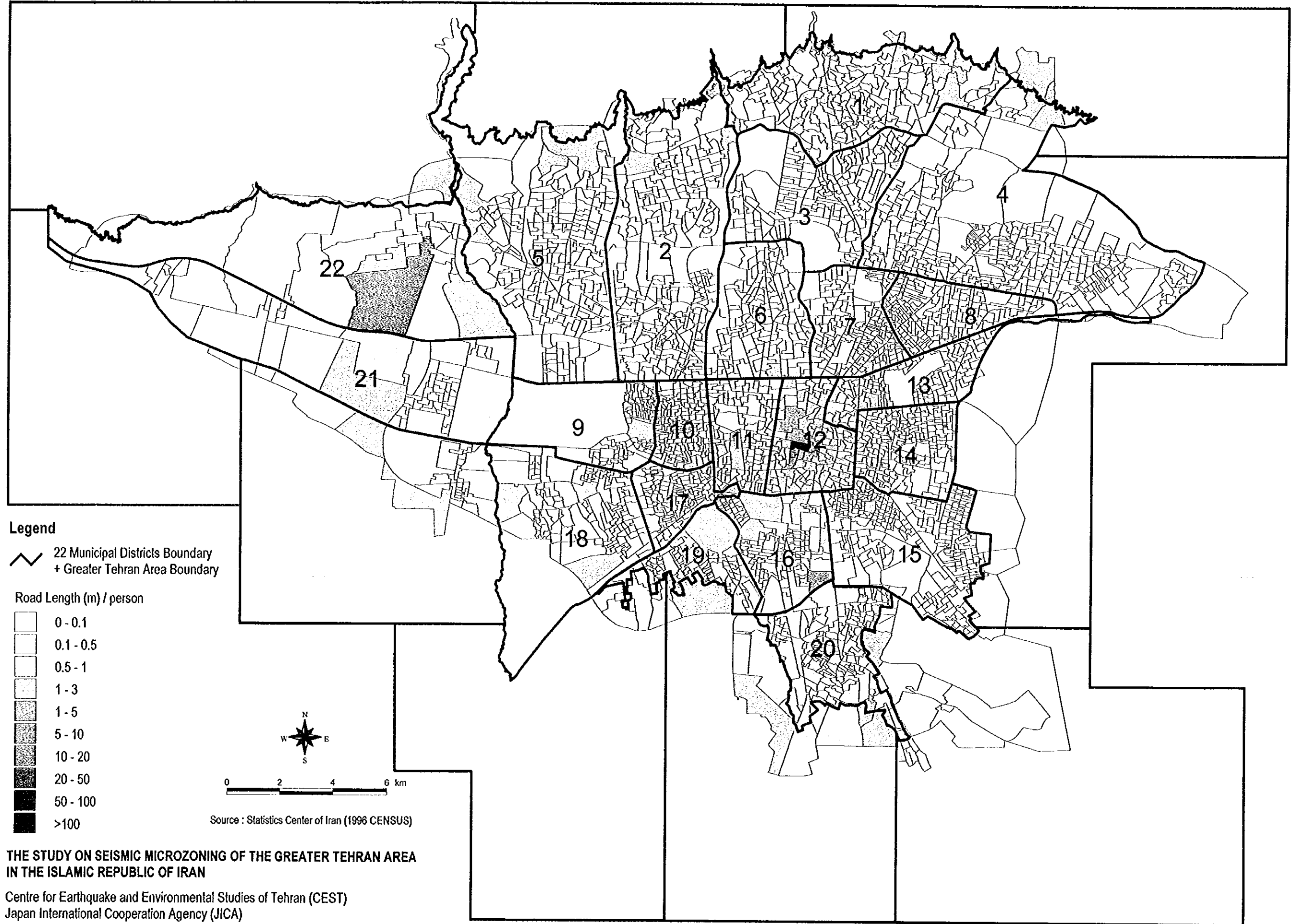


Source : Telecommunication Co. of Iran, (1999)

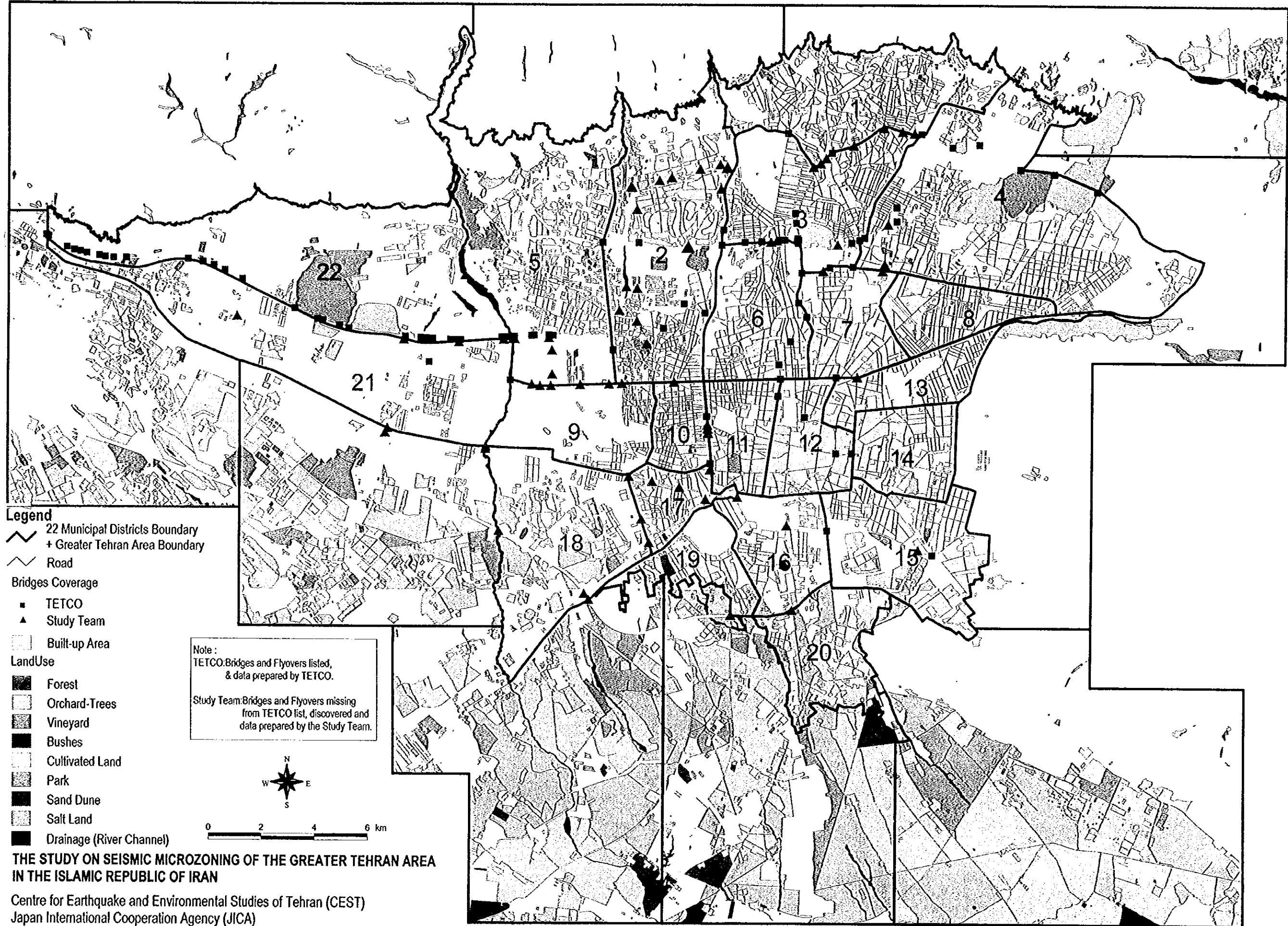
**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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Centre for Earthquake and Environmental Studies of Tehran (CEST)
Japan International Cooperation Agency (JICA)

Road Length by Population (3m+6m width road)



Bridges Location



Legend

- 22 Municipal Districts Boundary
- + Greater Tehran Area Boundary
- Road

Bridges Coverage

- TETCO
- ▲ Study Team

LandUse

- Forest
- Orchard-Trees
- Vineyard
- Bushes
- Cultivated Land
- Park
- Sand Dune
- Salt Land
- Drainage (River Channel)

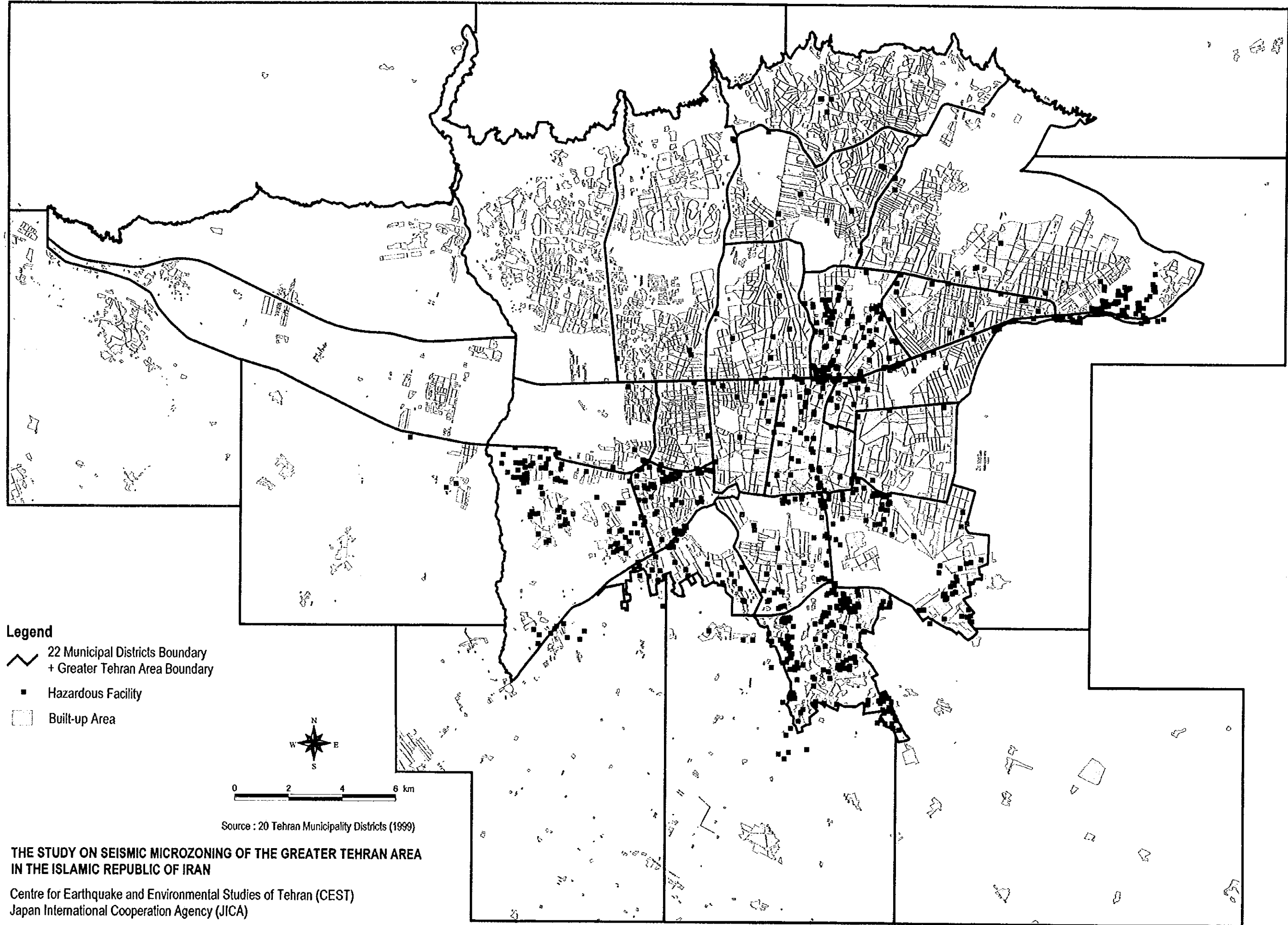
Note :
 TETCO: Bridges and Flyovers listed,
 & data prepared by TETCO.
 Study Team: Bridges and Flyovers missing
 from TETCO list, discovered and
 data prepared by the Study Team.






**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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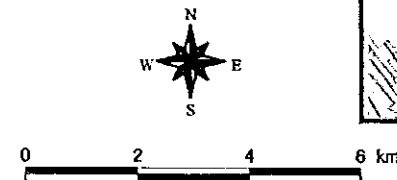
Centre for Earthquake and Environmental Studies of Tehran (CEST)
 Japan International Cooperation Agency (JICA)

Hazardous Facility



Legend

-  22 Municipal Districts Boundary + Greater Tehran Area Boundary
-  Hazardous Facility
-  Built-up Area



Source : 20 Tehran Municipality Districts (1999)

**THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA
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