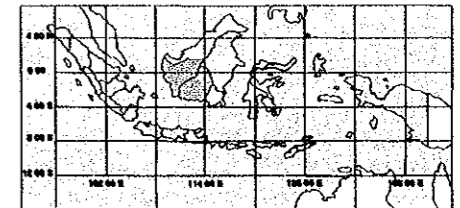




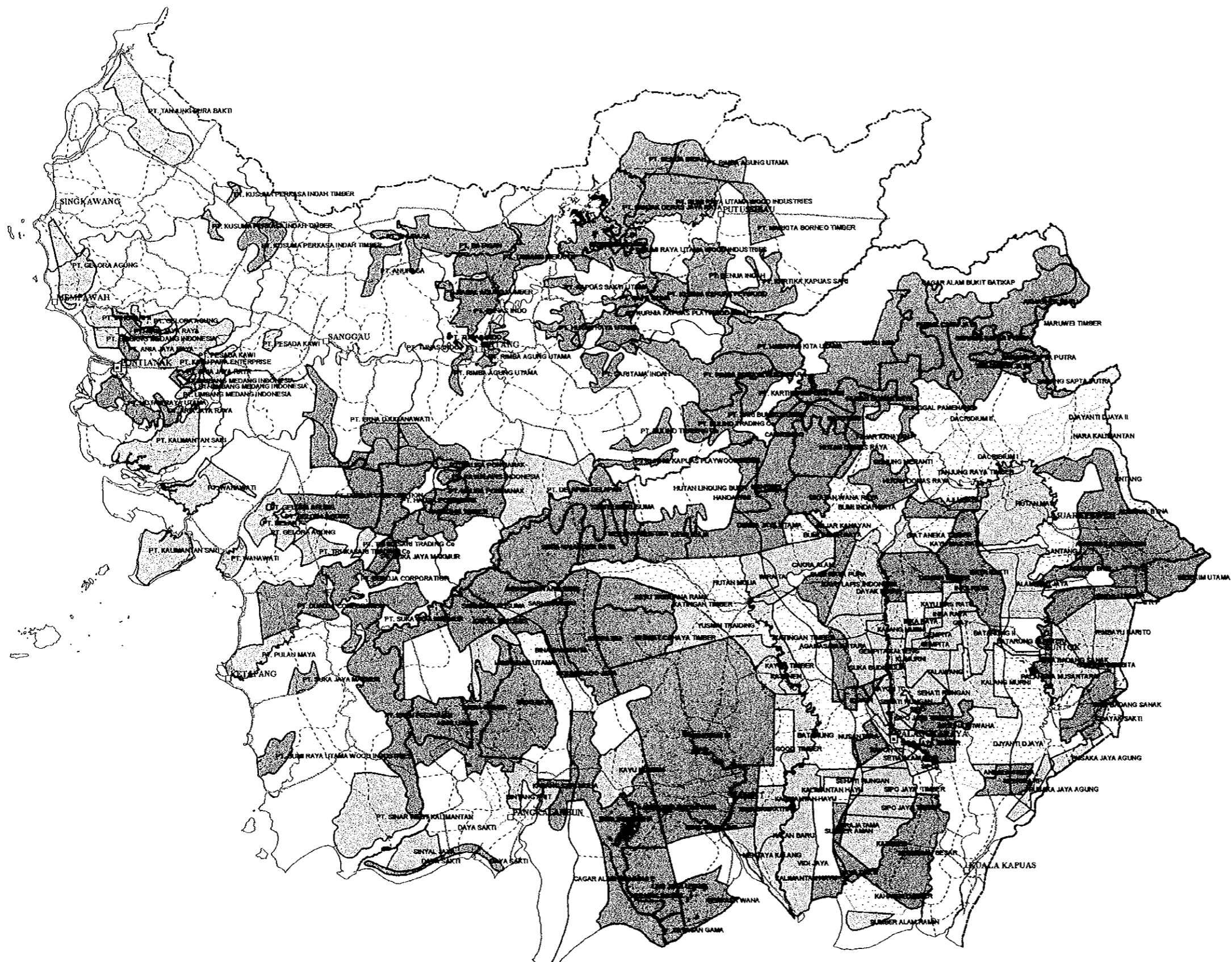
THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALITENGBAR

MAP LOCATION



TIMBER CONCESSION AREAS

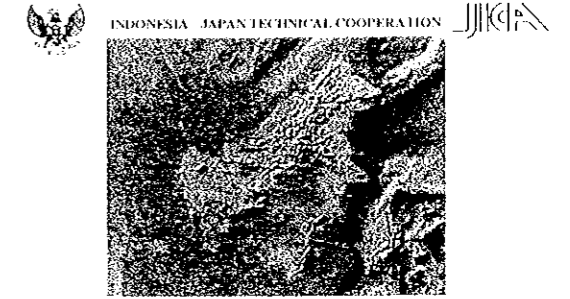
- Timber Concession Area (HPH)
- PT Inhutani's Timber Concession Area
- Under Rehabilitation
- Provincial Capital
- District Capital
- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary
- River
- Main Road



GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry

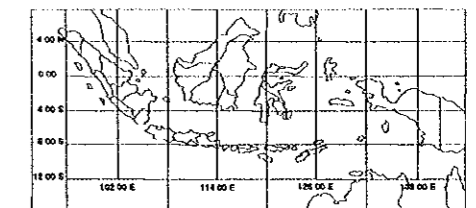


50 0 50 Kilometers



THE DEVELOPMENT STUDY ON
COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR
THE WESTERN PART OF KALIMANTAN
SCDRP - KALINGGAR

MAP LOCATION

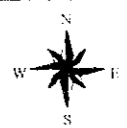


TIMBER CONCESSION AREAS

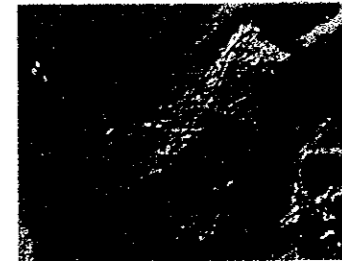
- Timber Concession Area (IHPH)
- PT Inhutani's Timber Concession Area
- Under Rehabilitation
- Provincial Capital
- District Capital
- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary
- River
- Main Road



GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry

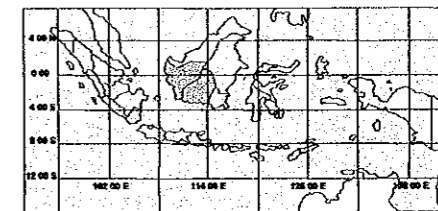


0 50 Kilometers









THE DEVELOPMENT STUDY ON
COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR
THE WESTERN PART OF KALIMANTAN
SCRD - KALTENGBAR



MAP LOCATION







CONSENSUS FOREST LANDUSE

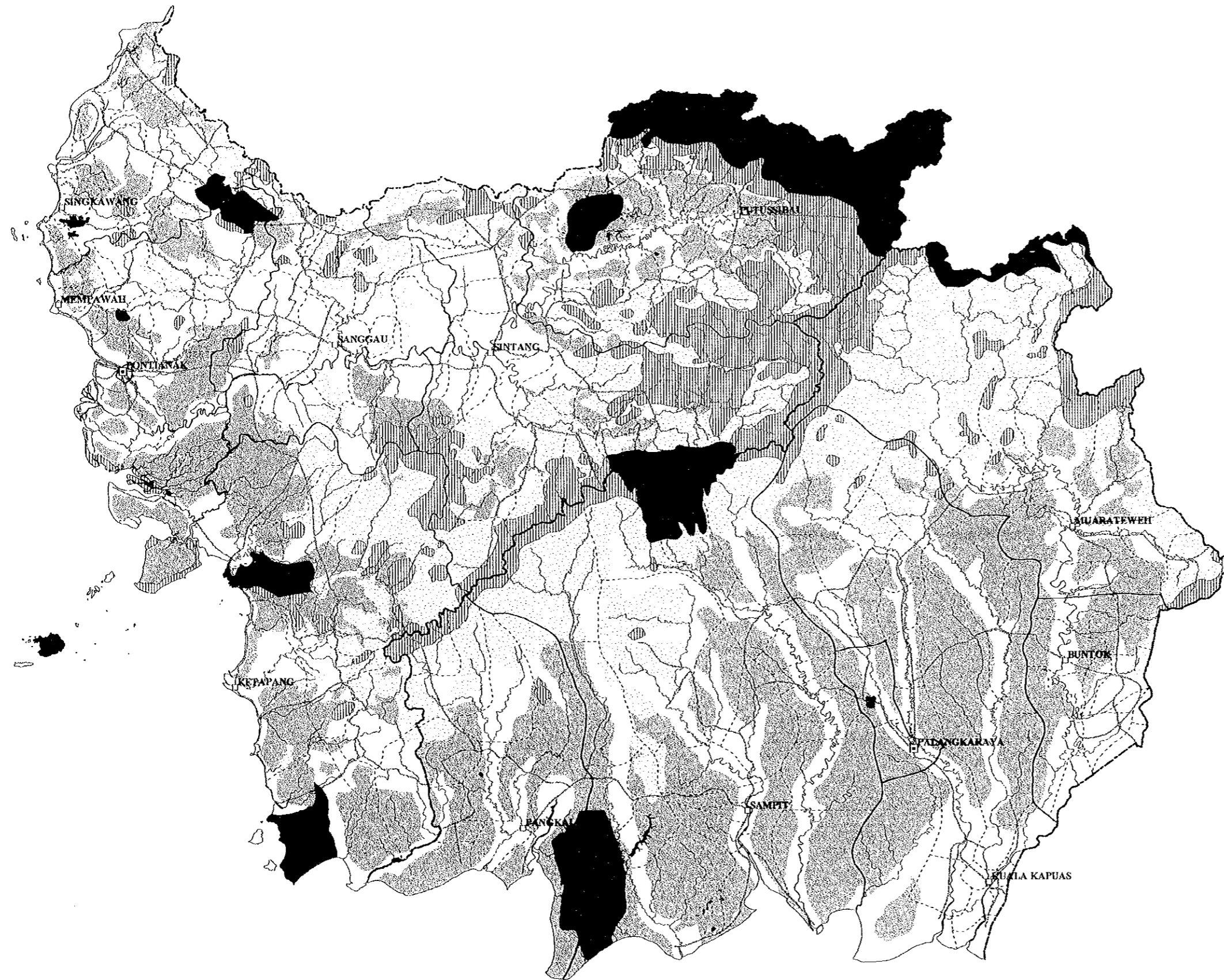
Consensus Forest Landuse (TGIK)

-  Nature Conservation Forest
-  Protection Forest
-  Production Forest
-  Limited Production Forest
-  Conversion Forest
-  Other Landuse

-  Provincial Capital
-  District Capital

-  International Boundary
-  Provincial Boundary
-  District Boundary
-  Subdistrict Boundary

-  River
-  Main Road



GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry



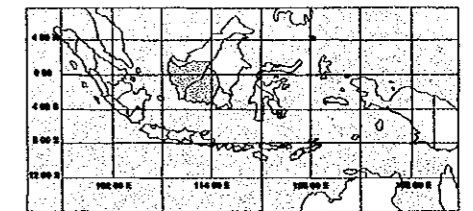
A Joint Study Team of
Pacific Consultants International
International Development Center of Japan





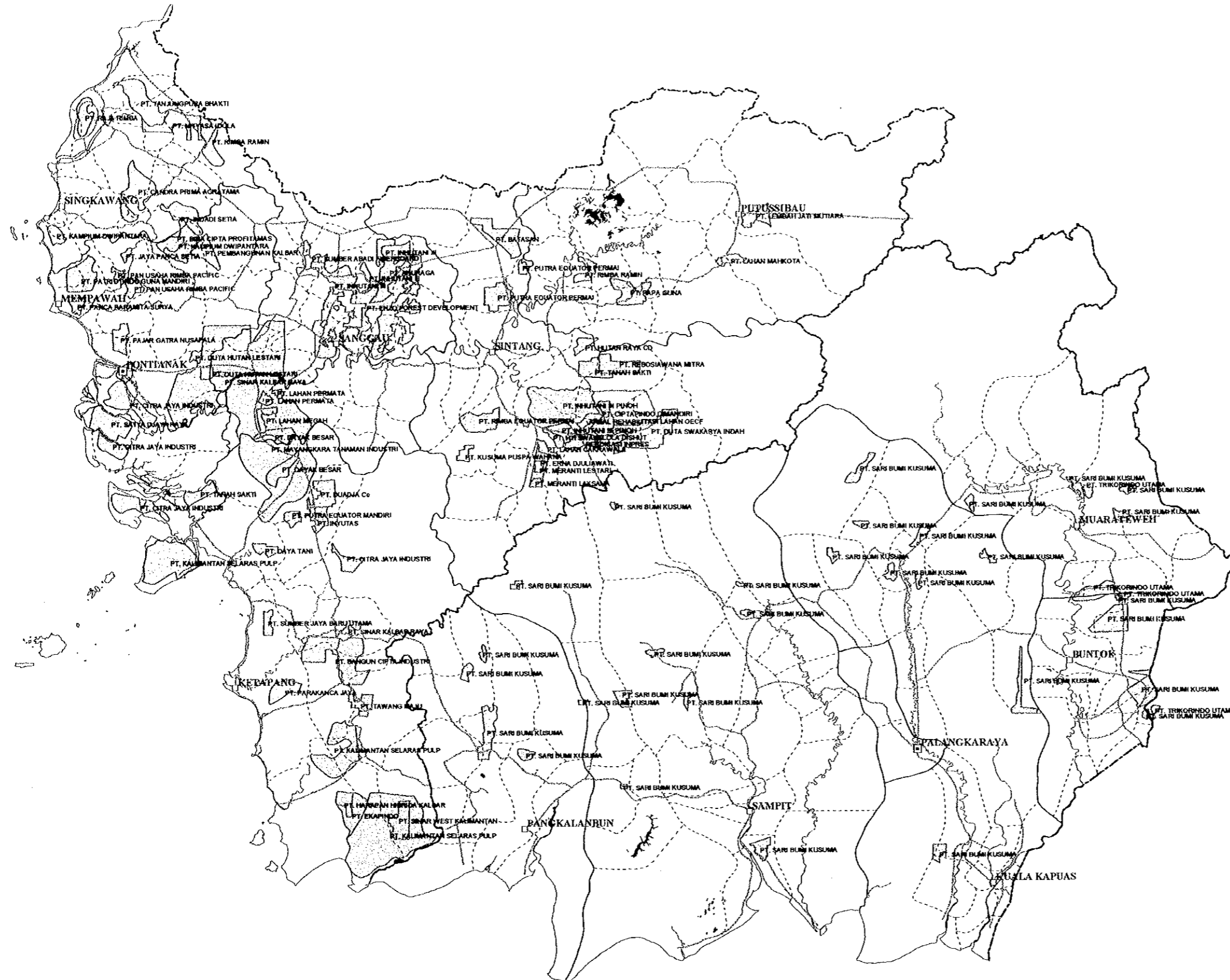
THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRD - KALITENBAR

MAP LOCATION



INDUSTRIAL TREE PLANTATION CONCESSION AREAS

- Industrial Tree Plantation Concession Area (IIT)
- Provincial Capital
- District Capital
- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary
- River
- Main Road



Original Data Source: Kanwil Kehutanan, Kalimantan Barat and Kalimantan Tengah 1997
GIS Data Source: National Masterplan for Forest Plantation Project (NMFPP), Ministry of Forestry

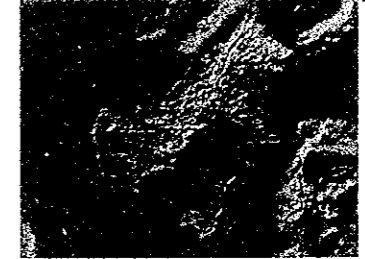


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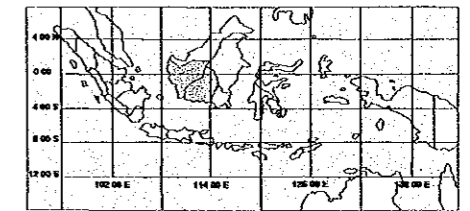
A Joint Study Team of Pacific Consultants International International Development Center of Japan





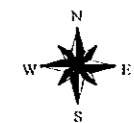
THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP KALTENGRAR

MAP LOCATION

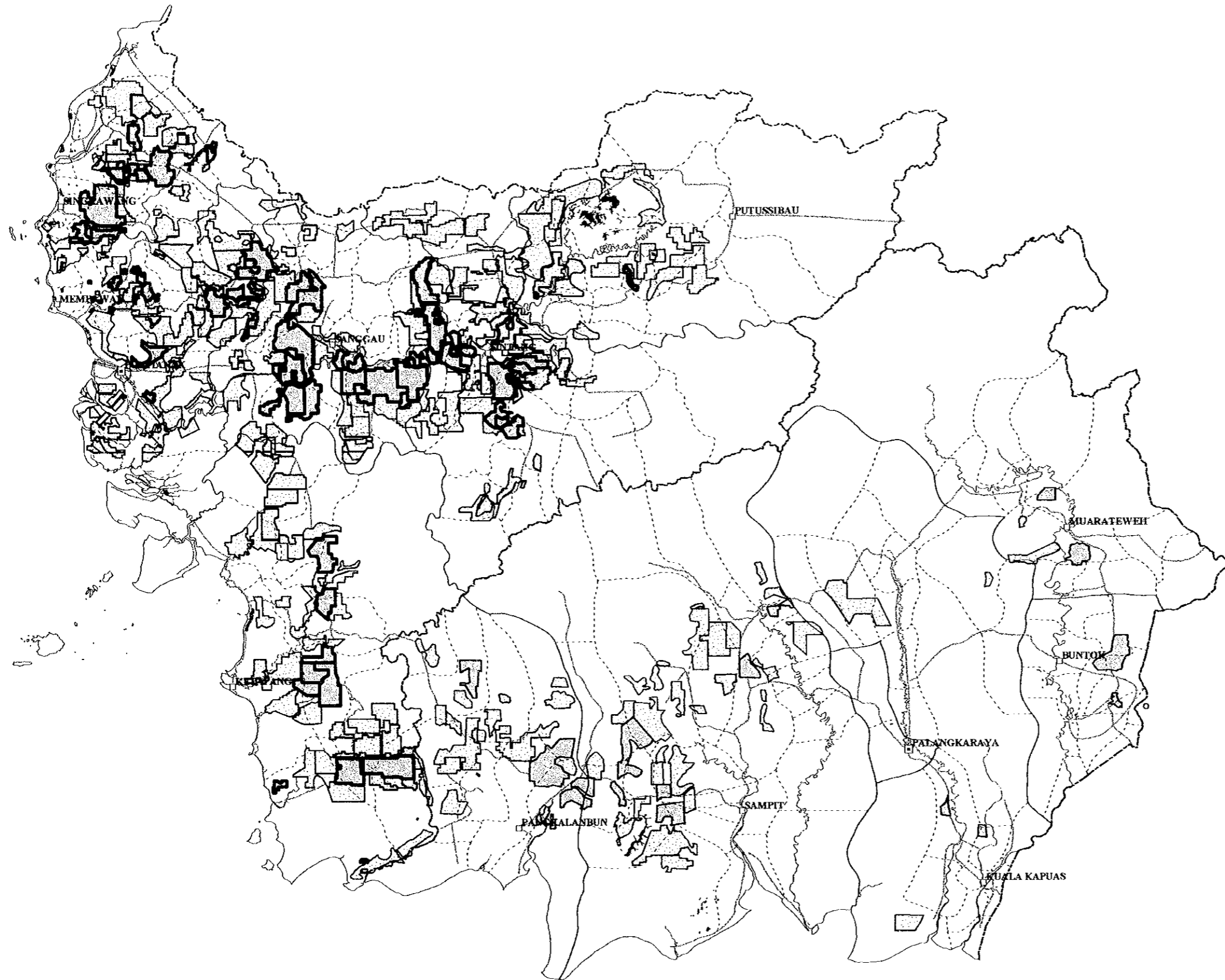


OIL PALM PLANTATION CONCESSION AREAS

- West Kalimantan**
- Proposed Area (Area Offered by the Provincial Government)
 - ▨ Approved Area
 - Implemented Area
- Central Kalimantan**
- Area Offered by the Provincial Government
 - ▨ Area with Permission of Ministry of Agriculture (Izin Prinsip)
 - Implemented Area (Area Released by Ministry of Forestry)
- Provincial Capital
 - District Capital
- ≡ International Boundary
 - ≡ Provincial Boundary
 - ≡ District Boundary
 - ≡ Subdistrict Boundary
 - ≡ River
 - ≡ Main Road



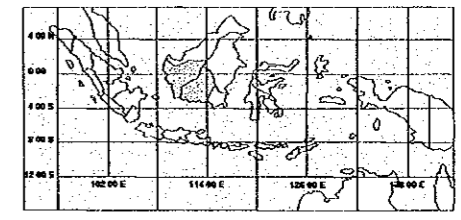
Original Data Source: BPN Kalbar, West Kalimantan, 1997 March
BAPPEDA Kalteng, Central Kalimantan
GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry











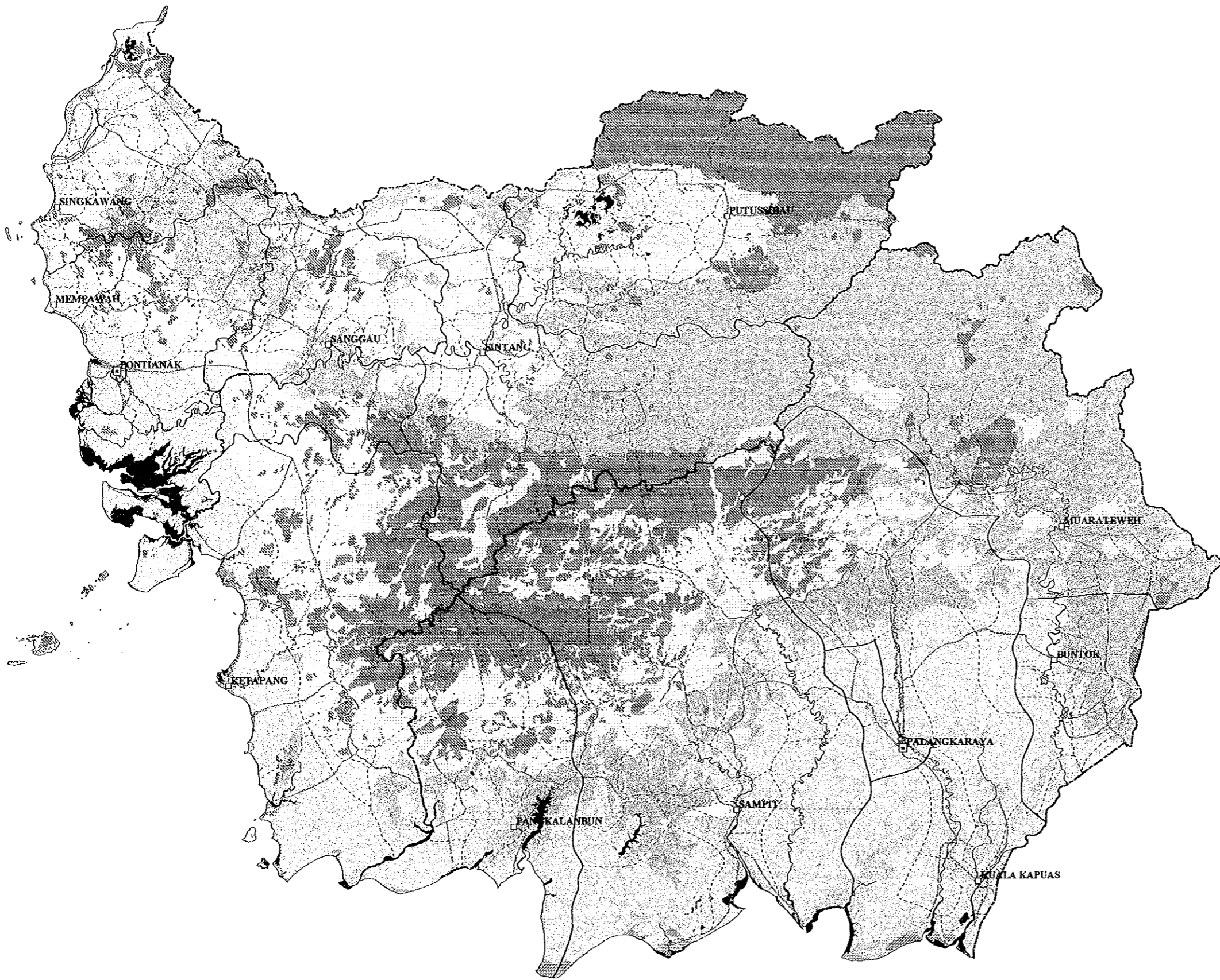
THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALITENGBAR

MAP LOCATION

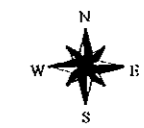


LAND POTENTIAL

- Land Potential Zone**
- Area Suited for Agriculture**
- 1 Arable Land Suited to All Kind of Crops
 - 2 Arable Land Suited to Crops Except Wetland Paddy
 - 3 Arable Land Suited to Tree Crops
 - 4 Arable Land Suited to Tree Crops, Moderately Suited to Oil Palm
 - 5 Arable Land Suited to Wetland Paddy
- Area Unsited for Agriculture**
- 6 Peat Soil
 - 7 Acid Sulfate Soils
 - 8 Sandy Soils
 - 9 Steep Slopes
 - 10 Coastal Sands
- Provincial Capital
 District Capital
-  International Boundary
 Provincial Boundary
 District Boundary
 Subdistrict Boundary
 River
 Main Road



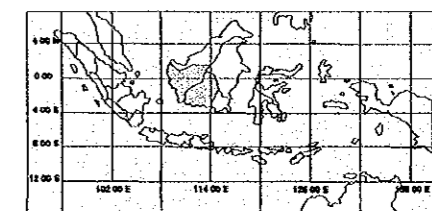
Original Data Source: JICA SCRDP-Kaltengbar's Recategorizing Land System Units of RePPProT(1989)'s Data
 GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry





THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDIP - KALITENGHAR

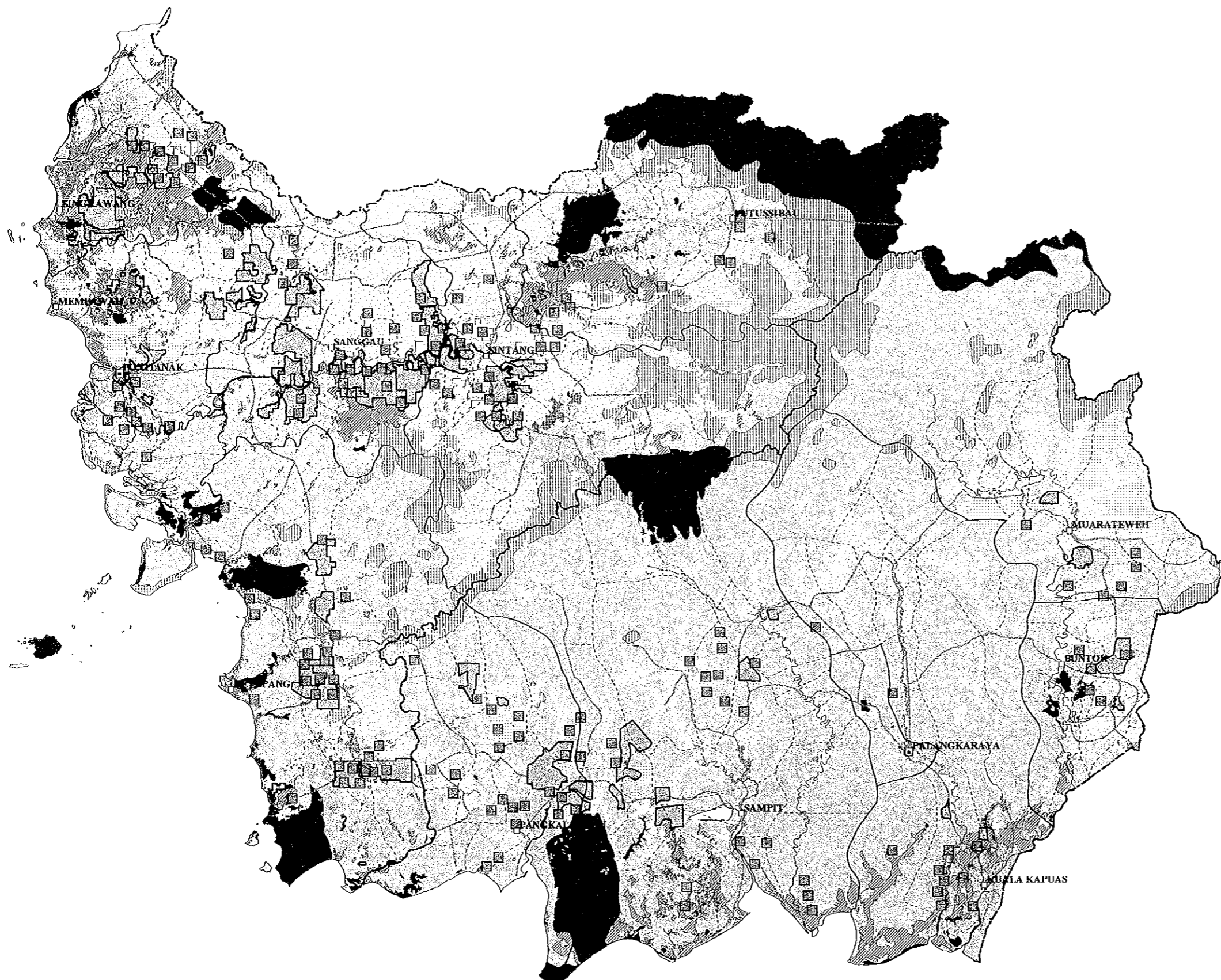
MAP LOCATION



PRESENT LANDUSE

Present Landuse based on Land Cover in 1989

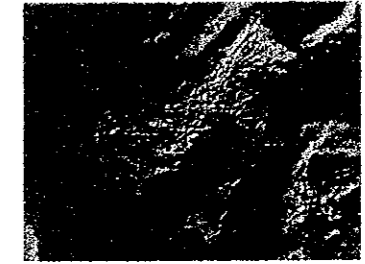
- Forest
 - Mangrove, Swamp
 - Bush
 - Reforestation
 - Logged Area
 - Grassland
 - Estate Crop
 - Upland Crop
 - Swidden Agriculture
 - Wetland Paddy
 - Settlement Area
 - Transmigration Area
 - Waterbody (Lake, River)
 - Unvegetated
 - No Data (Cloud)
- Existing Forest Conservation Area by Concensus Forest Landuse (FGHK)**
- Nature Conservation Forest
 - Protection Forest
- Area Released by Ministry of Forestry
- Transmigration Sites
 - Provincial Capital
 - District Capital
- International Boundary
 Provincial Boundary
 District Boundary
 Subdistrict Boundary
- River
 Main Road



Original Data Source: RePPProT 1989
GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry

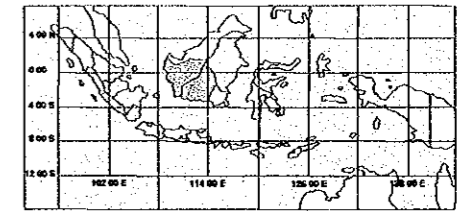


50 0 50 Kilometers



THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALITENGGRAR

MAP LOCATION



LAND SUITABILITY AND EXISTING OIL PALM PLANTATION CONCESSION AREAS

Land Suitability for Oil Palm	
	Land Potential Zone Number
	1, 2, 3
	4
	5, 6, 7, 8, 9, 10

Oil Palm Plantation Concession Area	
West Kalimantan	
	Proposed Area (Area Offered by the Provincial Government)
	Approved Area
	Implemented Area
Central Kalimantan	
	Area Offered by the Provincial Government
	Area with Permission of Ministry of Agriculture (Izin Prinsip)
	Implemented Area (Area Released by Ministry of Forestry)
Not Suitable Area	
	Area offered for oil palm plantation development
	Area already under implementation

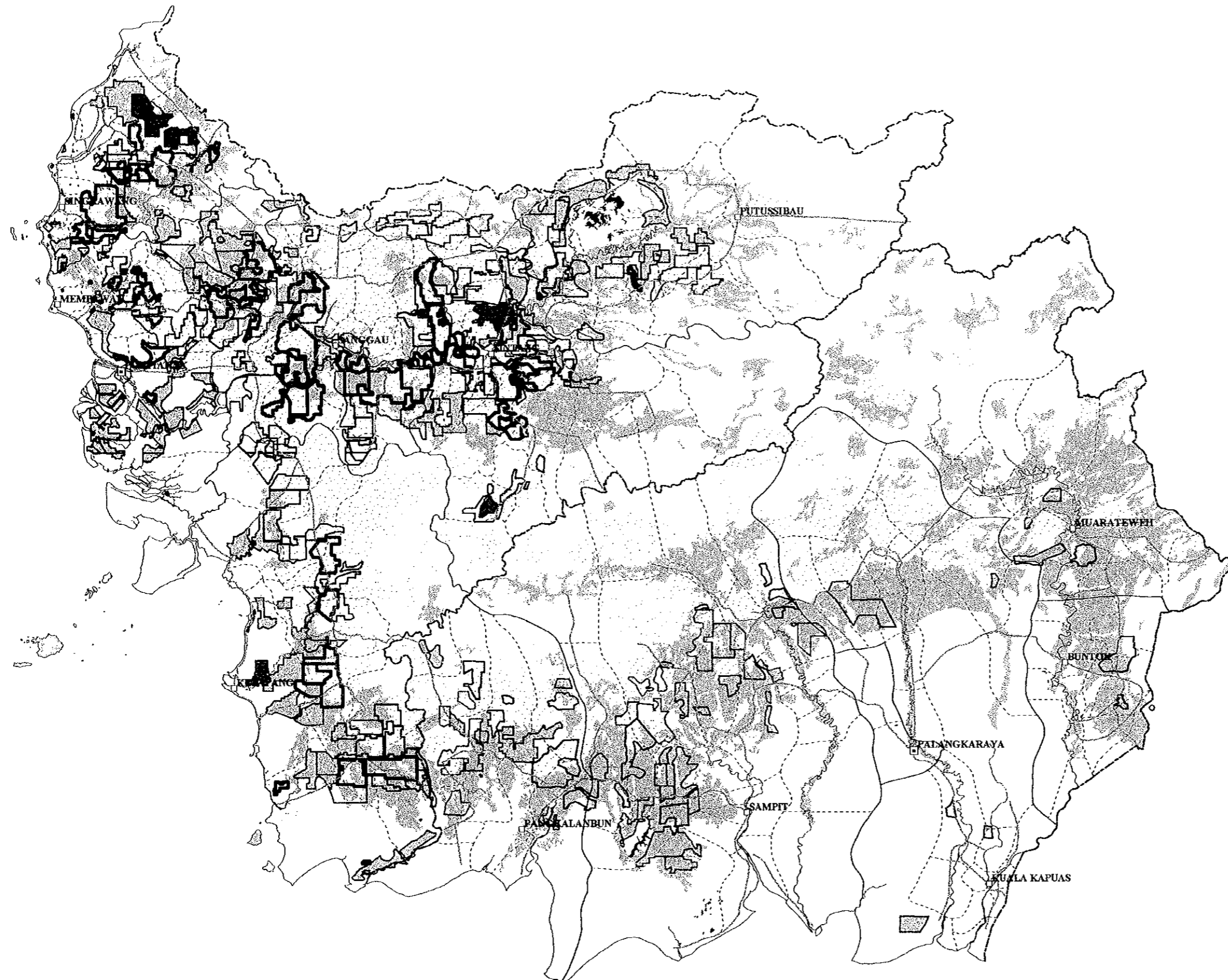
- Provincial Capital
- District Capital

- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary

- River
- Main Road



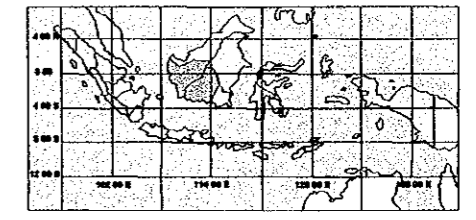
Original Data Source: JICA SCRDP-Kaltengbar's Recategorizing Land System Units of RePPProT(1989)'s Data
GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry





THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALITENGBAR

MAP LOCATION



LAND POTENTIAL AND EXISTING INDUSTRIAL TREE PLANTATION CONCESSION AREAS

Land Suitability for Oil Palm

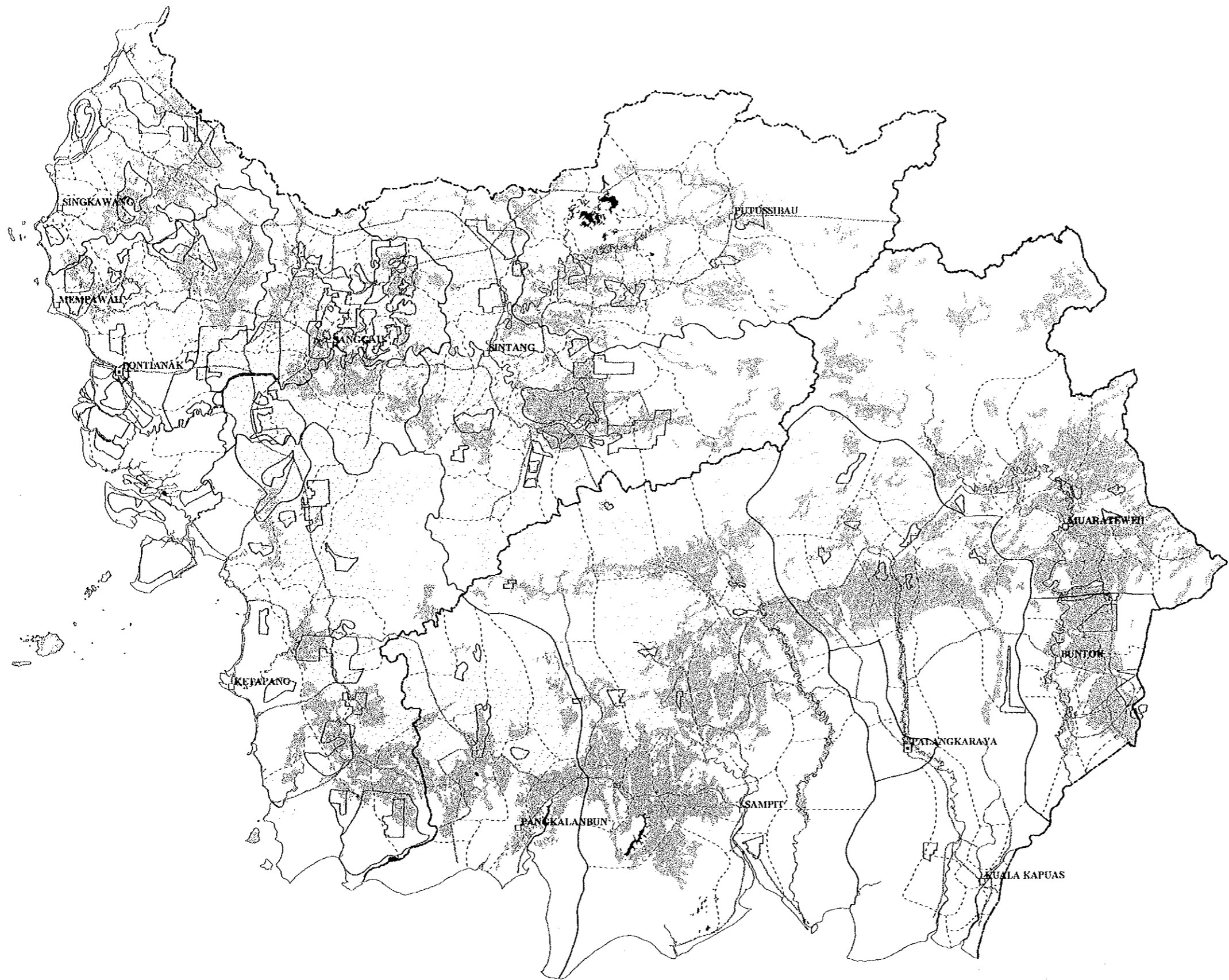
	Well Suited	Land Potential Zone Number	1, 2, 3
	Moderately Suited		4
	Not Suited		5, 6, 7, 8, 9, 10

Industrial Tree Plantation Concession Areas (HTT)

Provincial Capital
 District Capital

International Boundary
 Provincial Boundary
 District Boundary
 Subdistrict Boundary

River
 Main Road

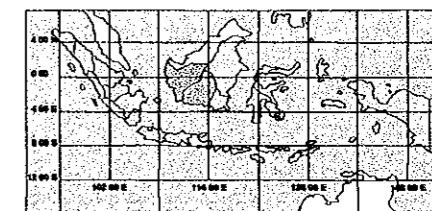


Original Data Source: JICA SCRDP-Kaltengbar's Recategorizing Land System Units of RePPProI(1989)'s Data
GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry



THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALTENGBAR

MAP LOCATION



AGRICULTURAL LANDUSE AND CONCESSION AREAS FOR LARGE PLANTATION DEVELOPMENT

Agricultural Landuse in 1989

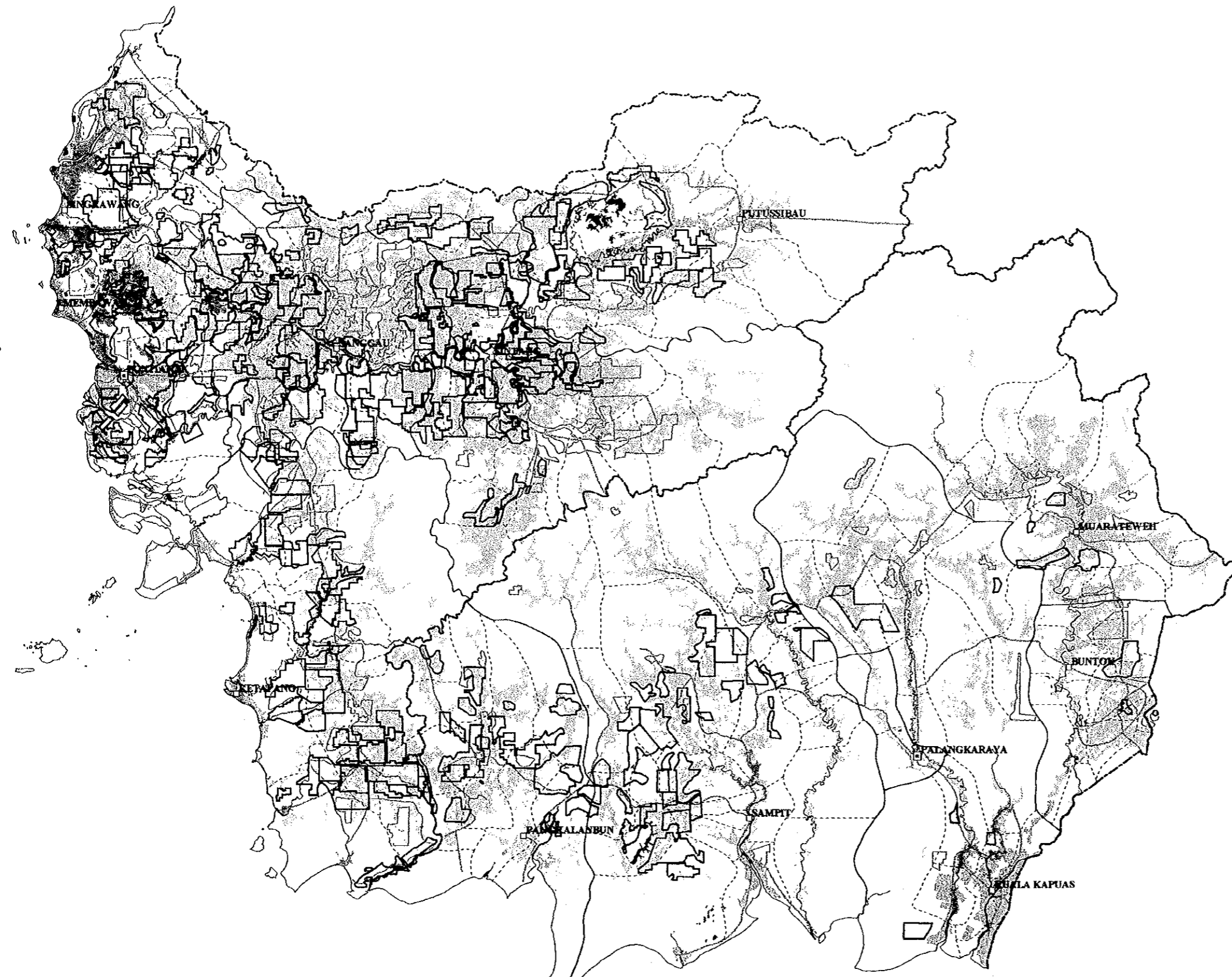
- Estate Crops
- Upland Crops
- Swidden Agriculture
- Wetland Paddy

- Oil Palm Plantation Concession Area
- Industrial Tree Plantation Concession Area (ITT)

- Provincial Capital
- District Capital

- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary

- River
- Main Road



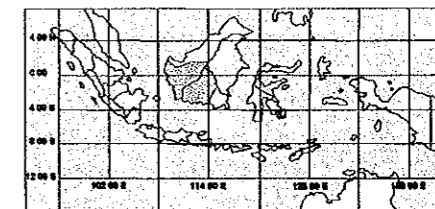
50 0 50 Kilometers

Original Data Source: BPN Kalbar, West Kalimantan, 1997 March
BAPPEDA Kalteng, Central Kalimantan
RePPProT 1989
GIS Data Source: National Masterplan for Forest Plantation (NMFP), Ministry of Forestry



THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP - KALTENGBAR

MAP LOCATION



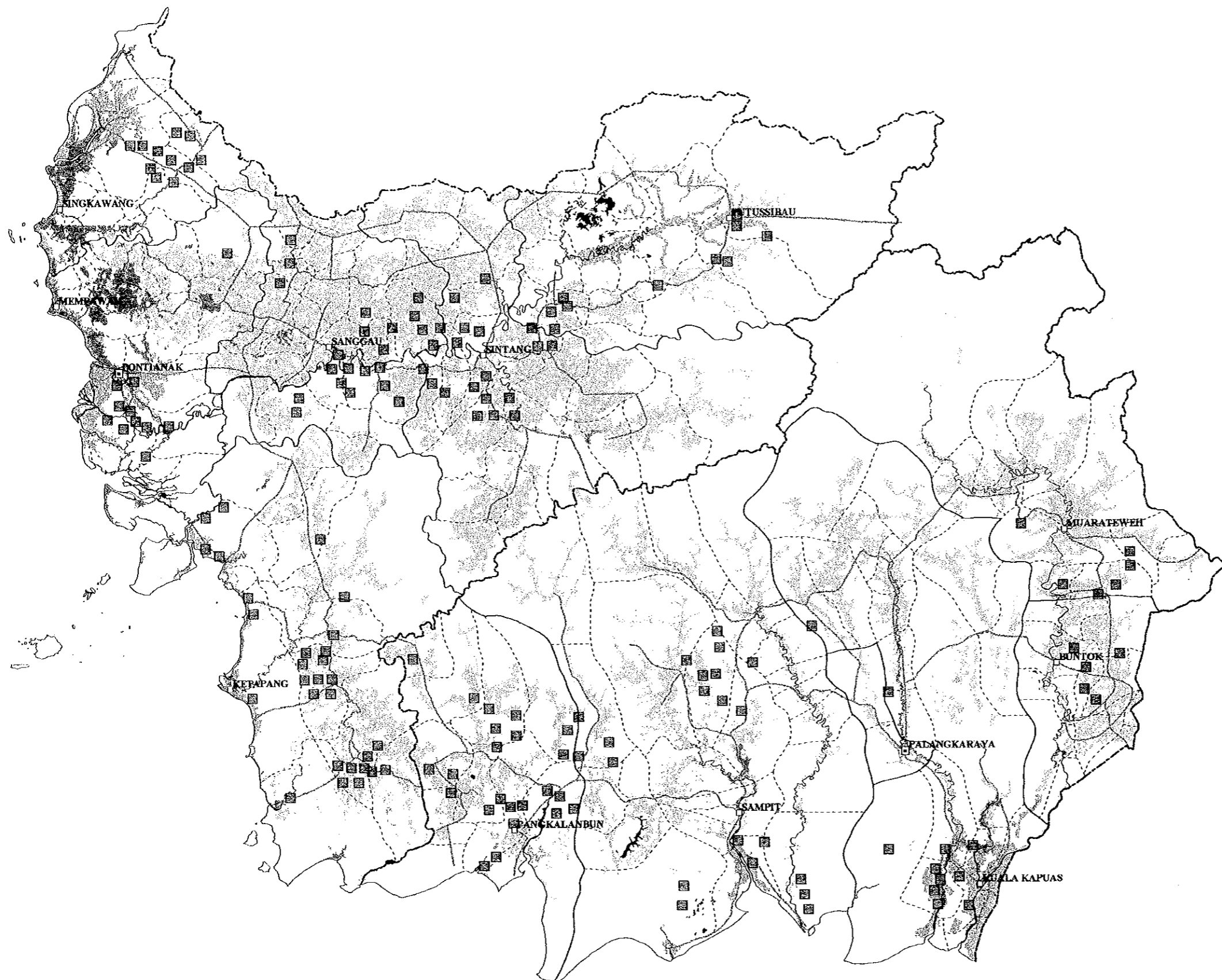
AGRICULTURAL LAND AND TRANSMIGRATION SITES

Agricultural Landuse in 1989

- Estate Crop
- Upland Crop
- Swidden Agriculture
- Wetland Paddy

- Transmigration Sites
- Provincial Capital
- District Capital

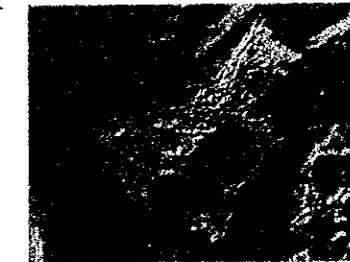
- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary
- River
- Main Road



Original Data Source: RePPProT 1989
GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry

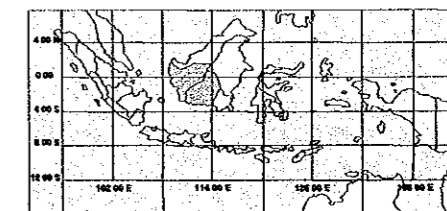


50 0 50 Kilometers



THE DEVELOPMENT STUDY ON COMPREHENSIVE REGIONAL DEVELOPMENT PLAN FOR THE WESTERN PART OF KALIMANTAN SCRDP KALTENGBAR

MAP LOCATION



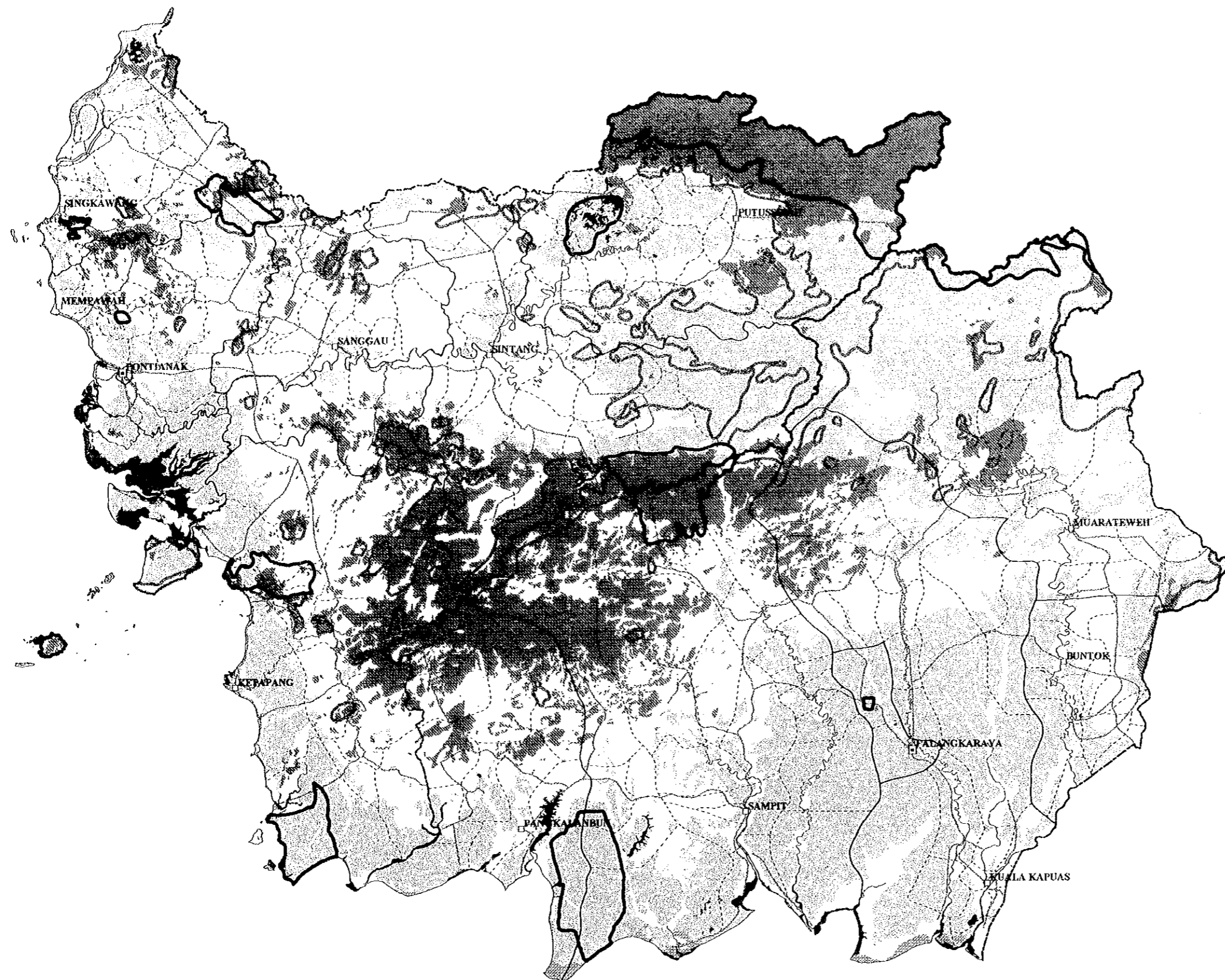
DESIRABLE CONSERVATION AREAS AND EXISTING FOREST CONSERVATION AREAS

Desirable Conservation Area		Land Potential Zone Number
	Peat Soil	6
	Acid Sulfate Soils	7
	Sandy Soils	8
	Steep Slopes	9
	Coastal Sands	10

Existing Forest Conservation Area by Concensus Forest Landuse (TGHK)

- Nature Conservation Forest
- Protection Forest

- Provincial Capital
- District Capital
- International Boundary
- Provincial Boundary
- District Boundary
- Subdistrict Boundary
- River
- Main Road



Original Data Source: JICA SCRDP-Kaltengbar's Recategorizing Land System Units of RePPProT(1989)'s Data
 GIS Data Source: National Masterplan for Forest Plantation Project (NMFP), Ministry of Forestry



50 0 50 Kilometers