

Source: The Feasibility Study of the Flood Control Project for the Lower Cagayan River, JICA, 2002

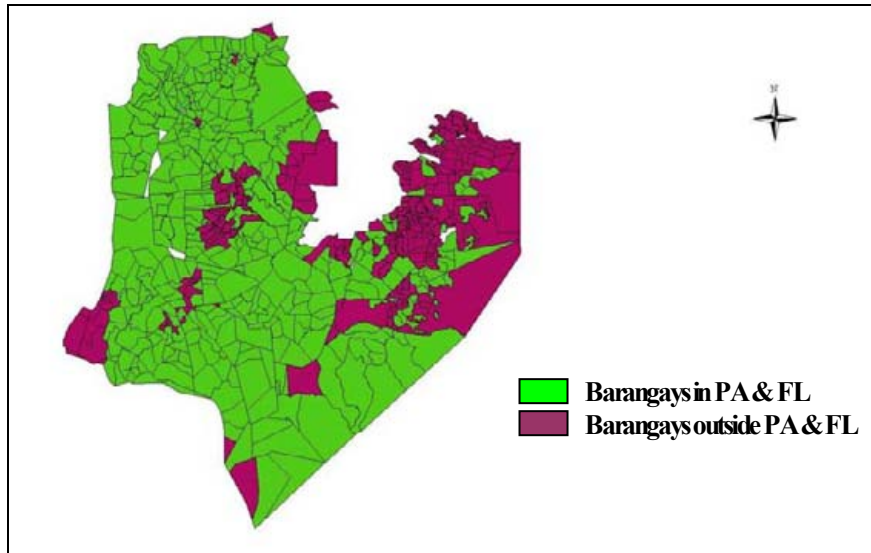


Figure 4.4.1 Barangays for M/P (408 barangays)

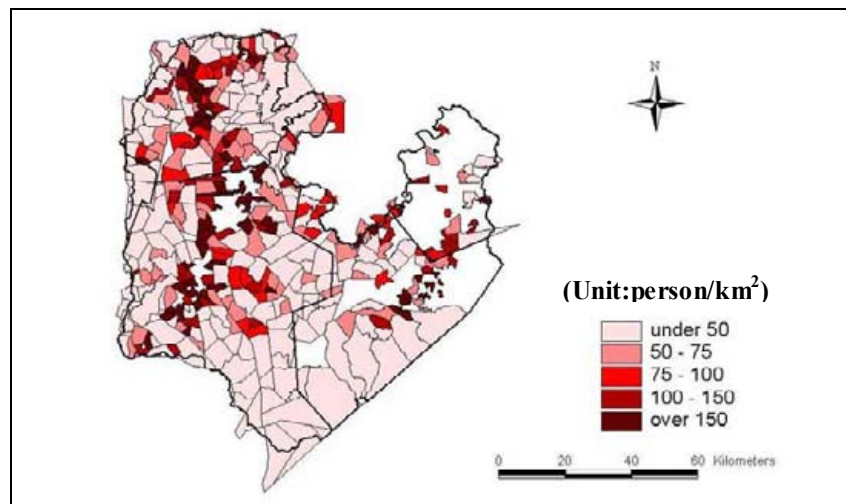


Figure 4.4.2 Population Density

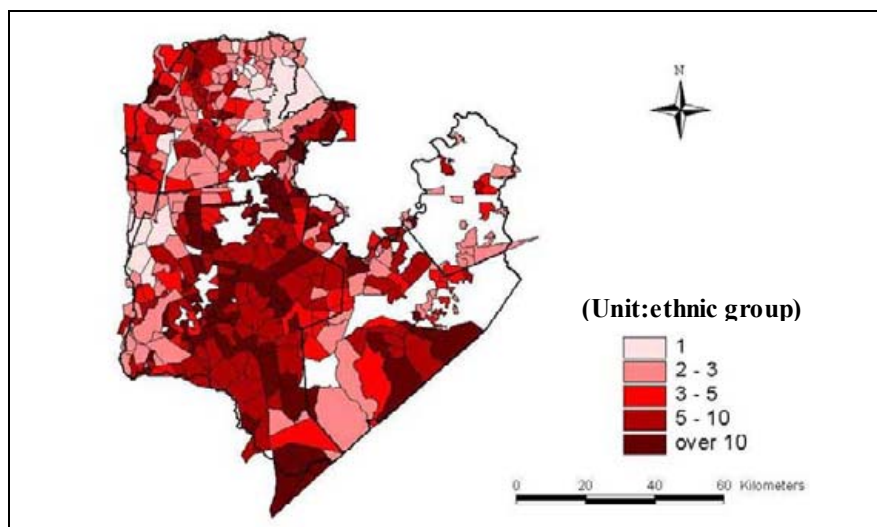


Figure 4.4.3 Variety of Ethnicity

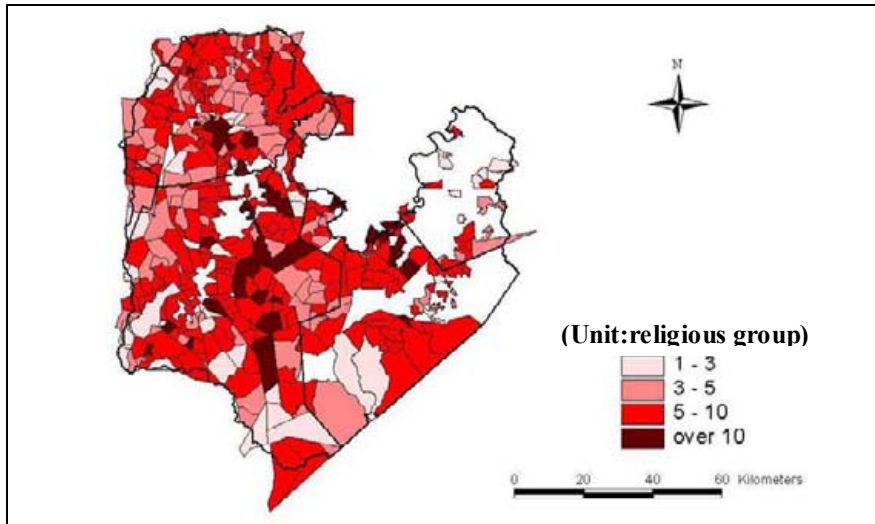


Figure 4.4.4 Variety of Religions

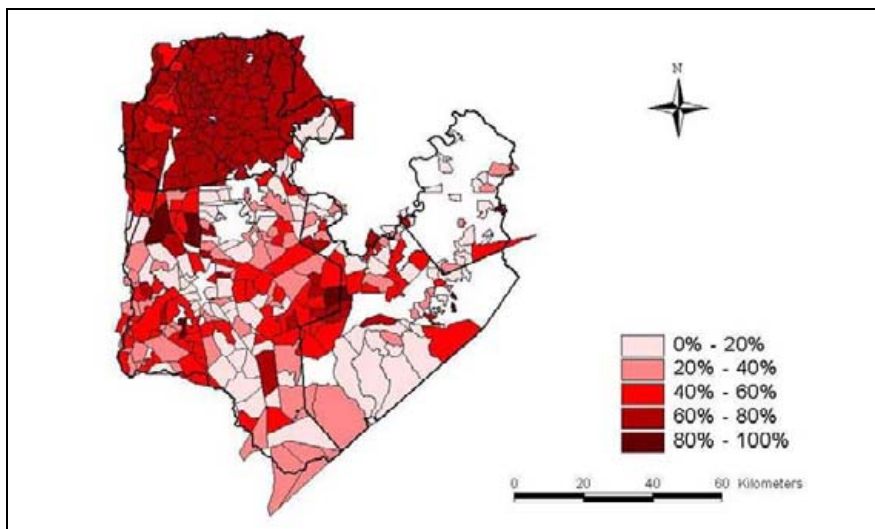


Figure 4.4.5 Percentage of Population under Poverty Line

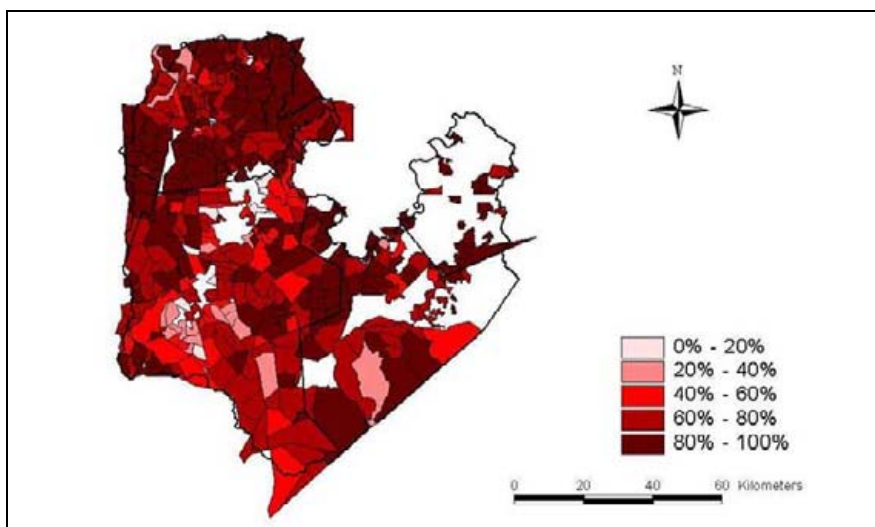
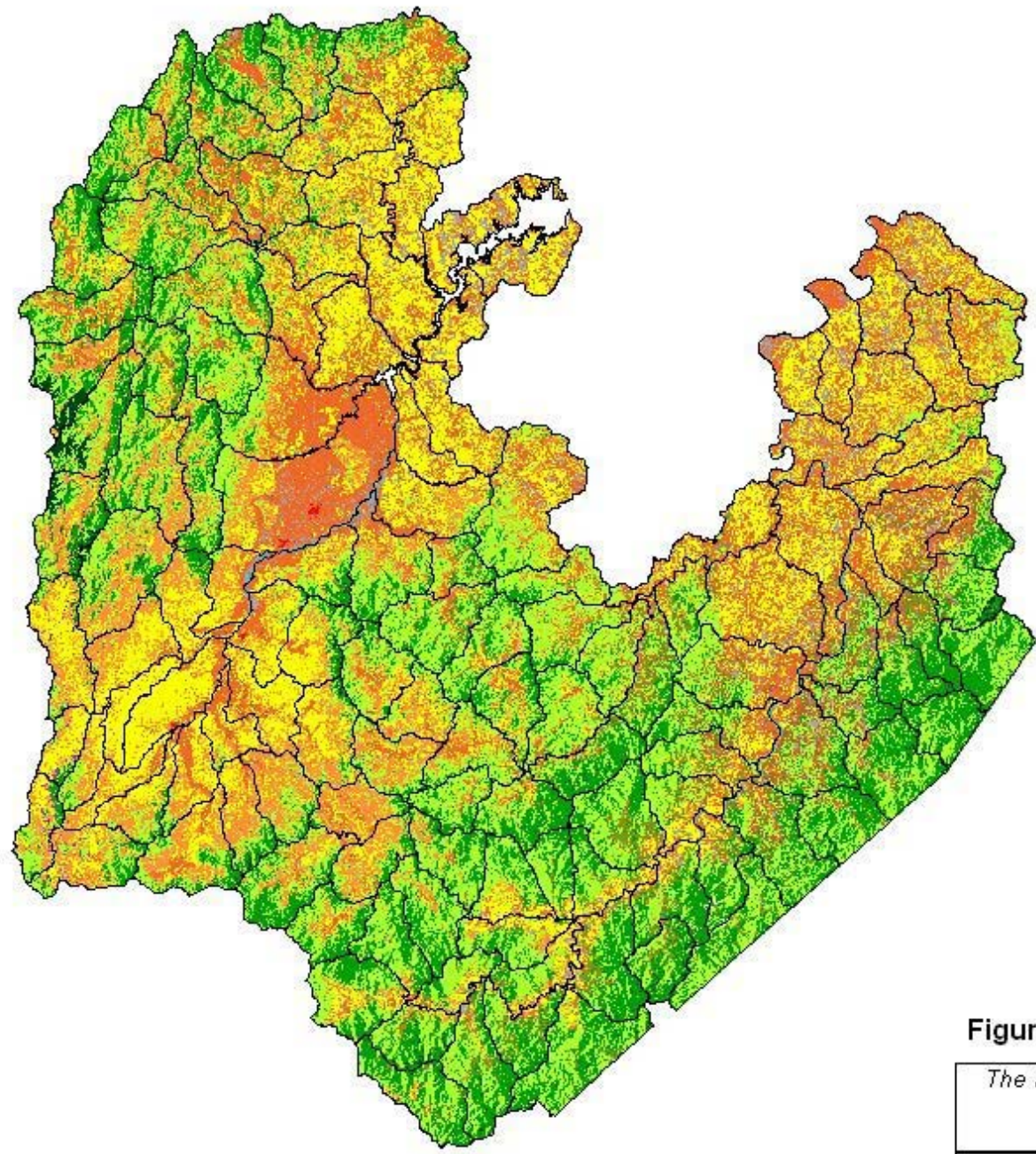


Figure 4.4.6 Percentage of Population who Engage in Agricultural Activity



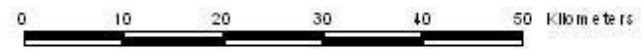
Legend

-  Old-growth forest
-  Mossy forest
-  Residual forest
-  Sub-marginal forest
-  Pine forest
-  Reproduction brush
-  Other plantation
-  Grass land
-  Agricultural land
-  Bare /Rocky land
-  Built-up area
-  Water body
-  unclassified
-  Boundary of Sub-watersheds

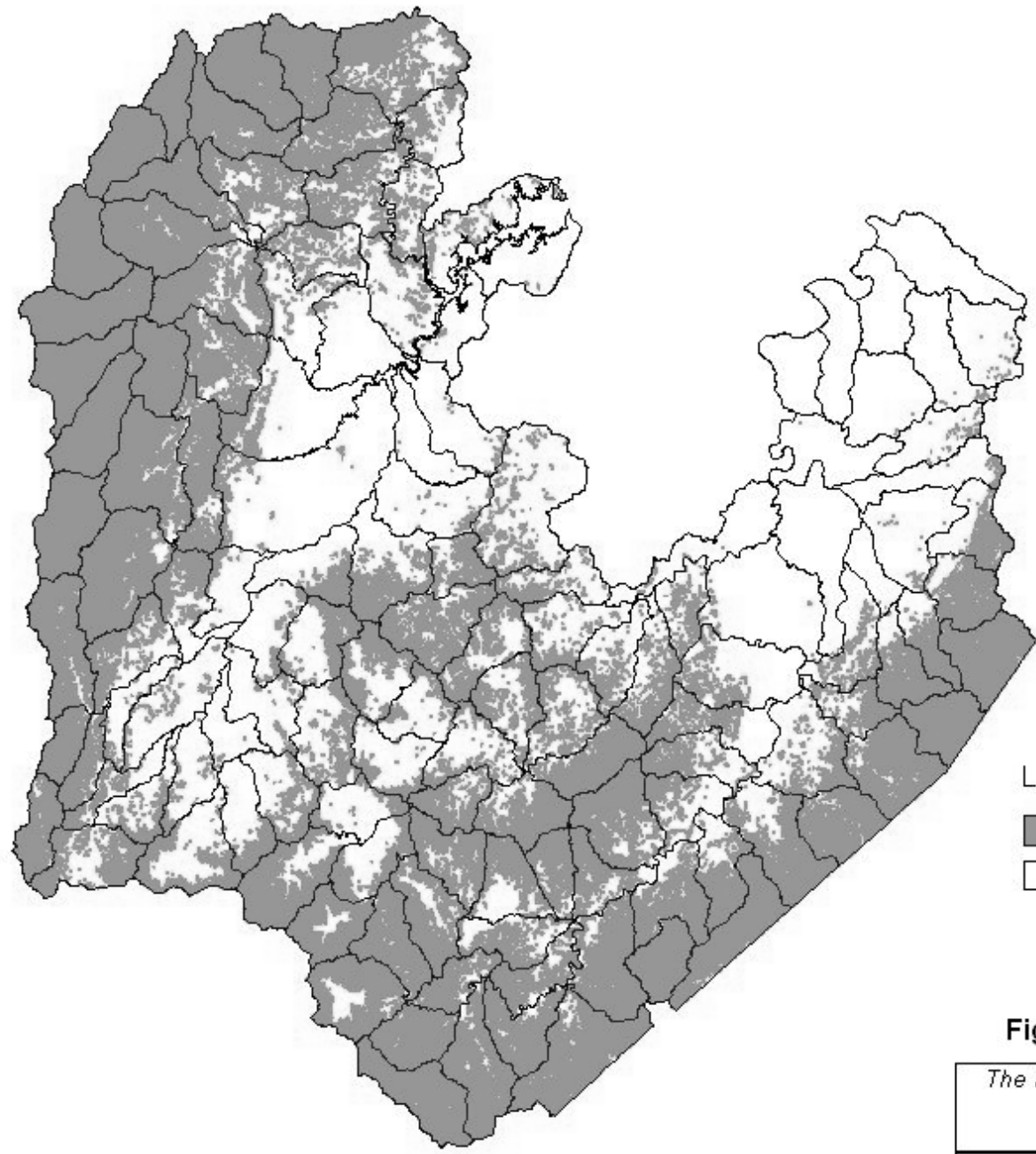
**Figure 4.6.1 Land use and Vegetation Map**

*The Master Plan Study for Watershed Management  
in Upper Magat and Cagayan River Basin  
in the Republic of the Philippines*



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Source: JICA Study Team



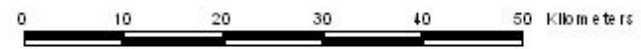
Legend

-  Area under the NIPAS Policy
-  Boundary of Sub-watersheds

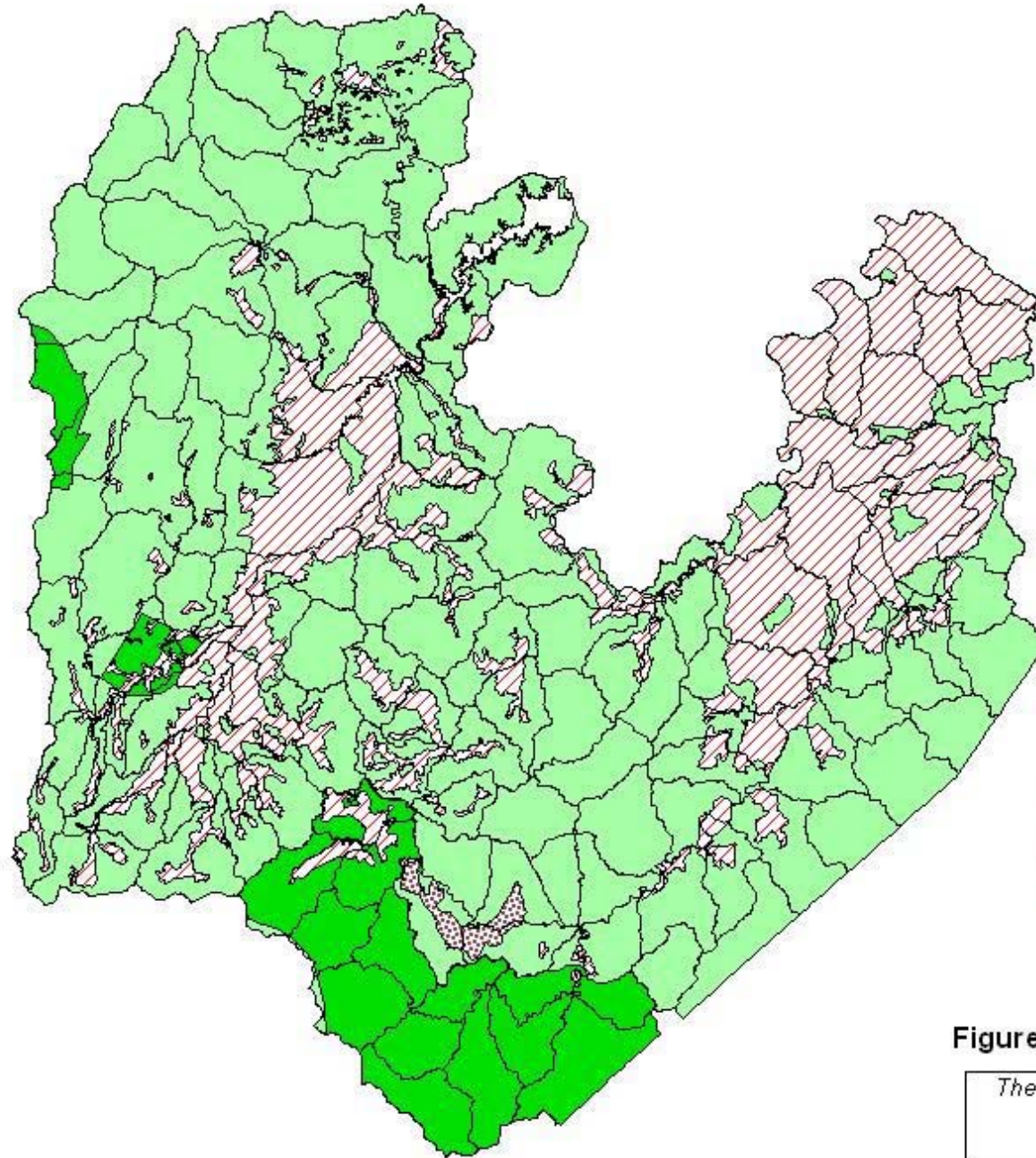
**Figure 4.6.2 Possible Protected Area**

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Source: JICA Study Team



Legend

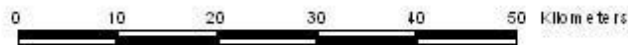
-  Alienable and Disposable land (A&D)
-  Civil Reservation
-  Forestland
-  Protected Area
-  Boundary of Sub-watersheds

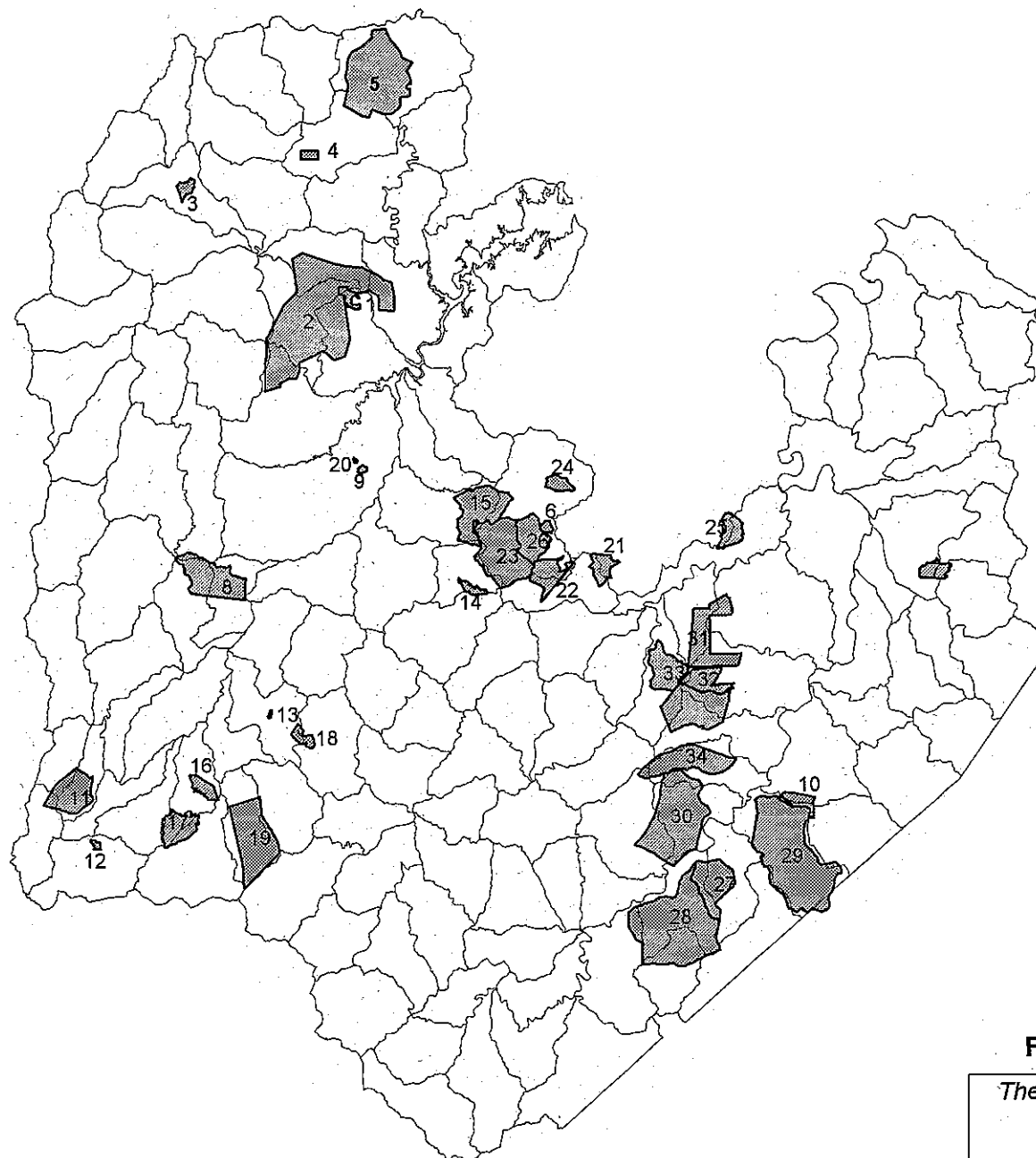
**Figure 4.7.1 Present Land Classification**

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*Source: DENR-PENROs (Nueva Vizcaya, Quirino, Isabela and Ifugao)*





Name of CBFM POs

- 01-Nunhabatan Greeners Livelihood Association Inc.
- 02-Fed of Responsive Assosn for Magat Ecology, Inc.
- 03-Dalligan Multipurpose Development Association
- 04-Bannao Community Organization Inc.
- 05-Mayoyao Environment Development Association Inc.
- 06-Rafael Palma, Multi-purpose Cooperative Inc.
- 07-Ayangan Dappig Agro-Forestry Development Association
- 08-Federation of Vist Hills, Kakongkong and Kakingan Upland Farmers
- 09-Association of Upland Farmers of Singian Nueva Vizcaya Inc.
- 10-Sangbay Anak Integrated Farmers Association Inc.
- 11-Buyasayas Iwak Tribal Council
- 12-Gadagad Vegetable and Fruit Tree Growers Association
- 13-Mabasa Tree Planters and Growers Association Inc.
- 14-Bakir Pagbiagan ti Pagihan CBFM Association
- 15-Socio-Economic and Environmental Development Cooperative Inc.
- 16-Latar Ilocano Minority Farmers Association Inc.
- 17-Yaway Farmers Multi-Purpose Cooperative Inc.
- 18-Bitnong Guijo Greeners Association Inc.
- 19-Banila Community-Based Association Inc.
- 20-Singian Agro-Forest Association
- 21-Gomez Farmers Multi-Purpose Cooperative Inc.
- 22-Ifugao Village Aphochan Multi-Purpose Cooperative Inc.
- 23-Don Mariano Perez Farmers Multi-Purpose Cooperative (IVAMCO)
- 24-Salinong T. Campanento Association Inc.
- 25-Villa Ventura Multi-Purpose Cooperative Inc.
- 26-Baguio Village Intercultural Association
- 27-Ilongot Livelihood Association Inc (ILAI)
- 28-Wasid Ilongot Tribe Association Inc. (WITAD)
- 29-Anak Intercultural Organization
- 30-Kadikitan Association for Community Development (KAFCDI)
- 31-San Manuel-Victoria Forest Developers Cooperative
- 32-Balligui Community Forestry and Development Cooperative Inc.
- 33-Allicia Sustainable Resource Development(ASREDECO)
- 34-Nuh-uh-hhaan Inc.

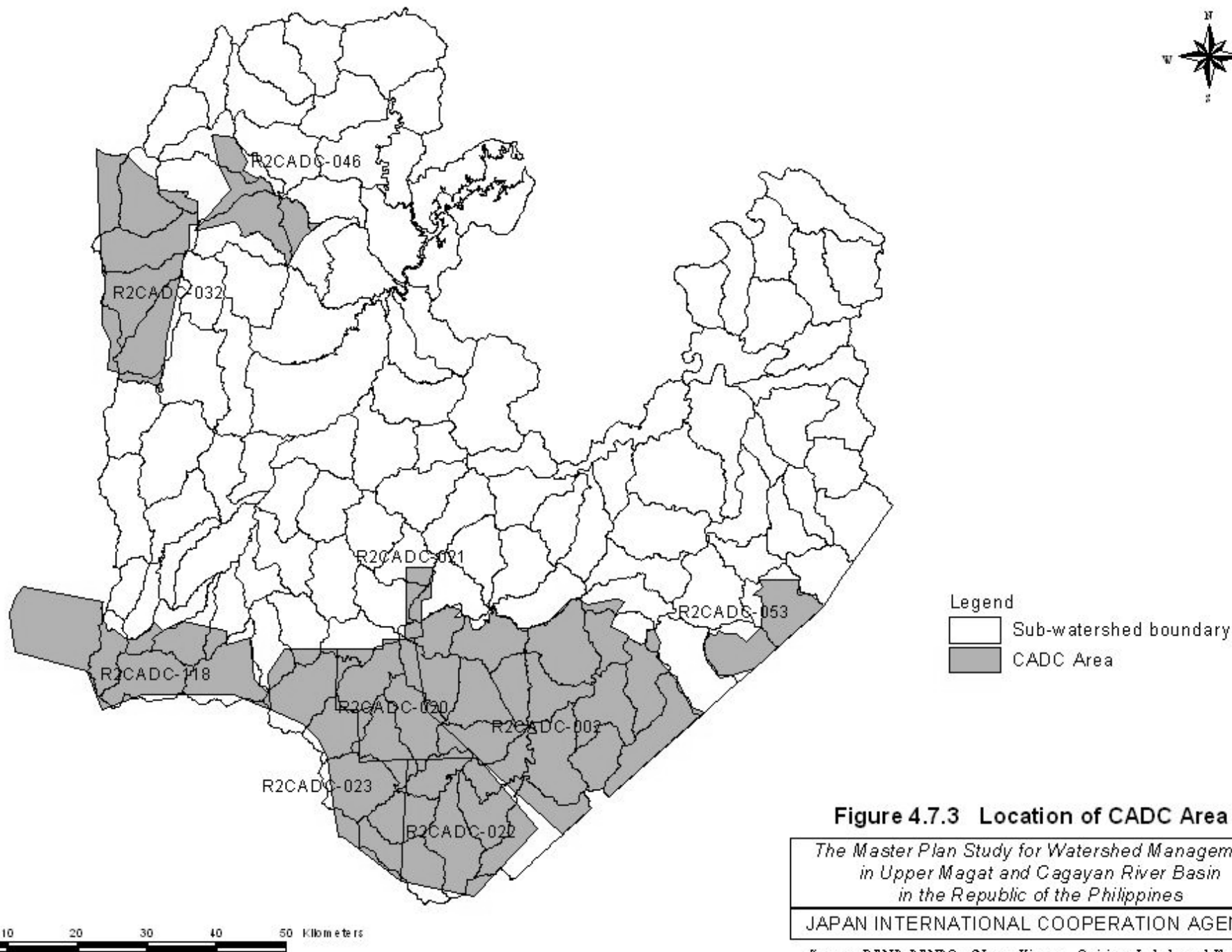
**Figure 4.7.2 Location of CBFM Area**

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Source: DENR-PENROs (Nueva Vizcaya, Quirino, Isabela and Ifugao)

0 10 20 30 40 50 Kilometers



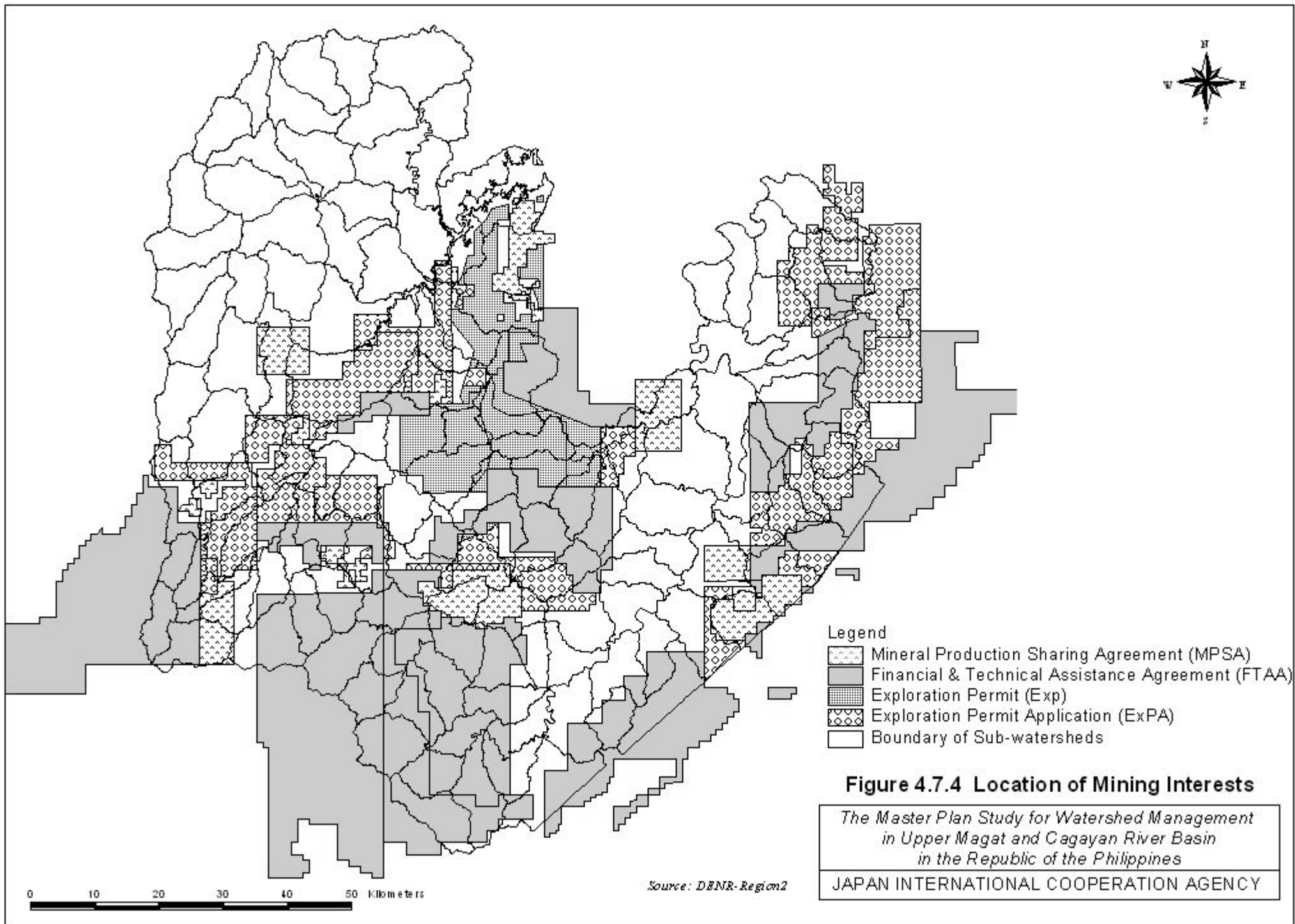
**Figure 4.7.3 Location of CADC Area**

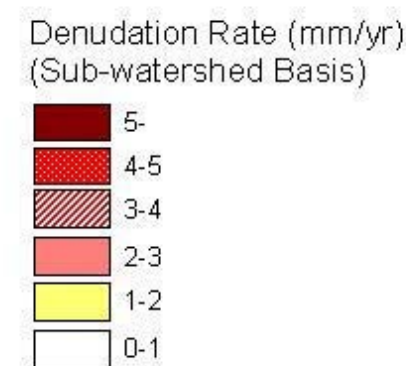
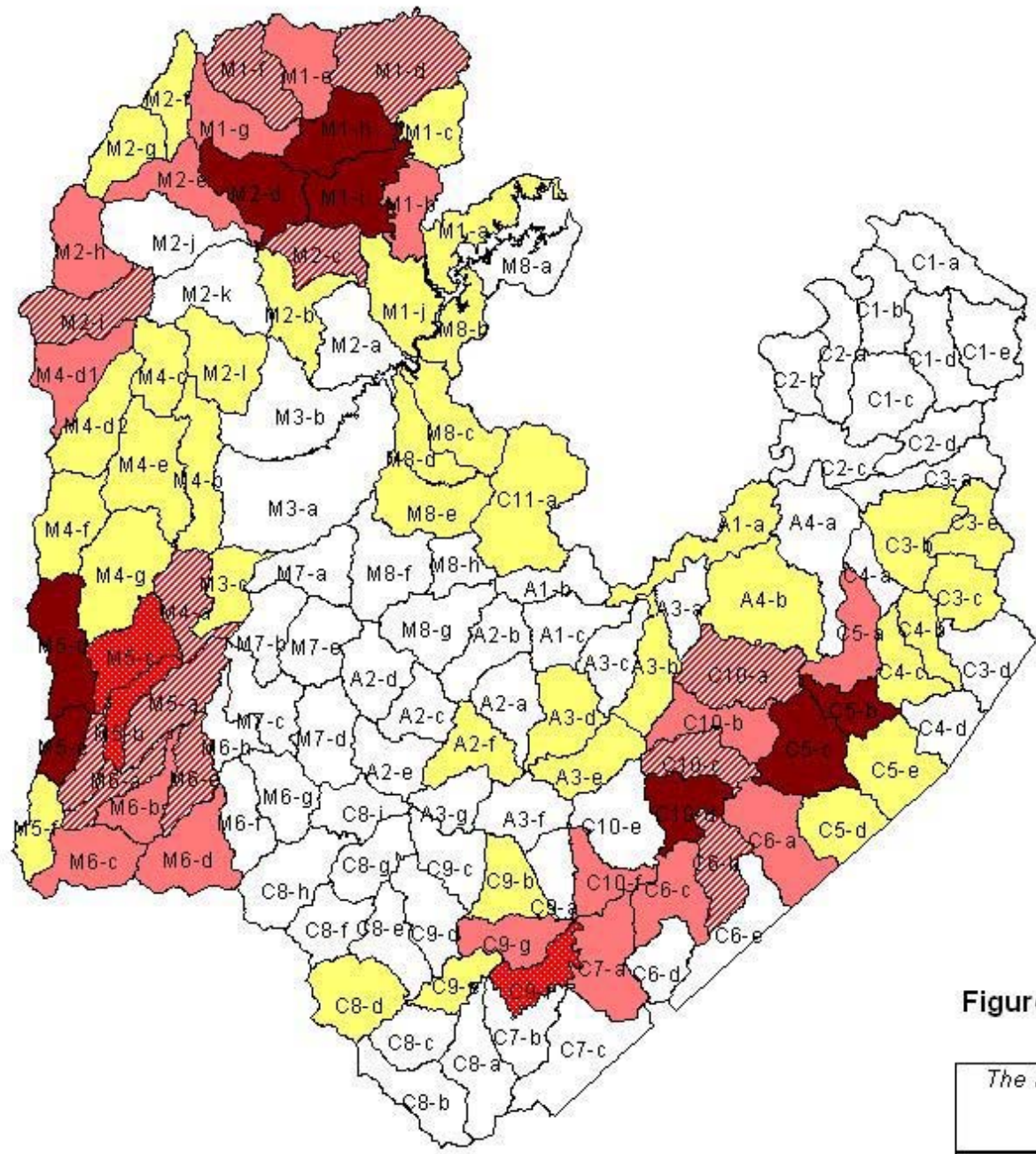
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*Source: DENR-PENROs (Nueva Vizcaya, Quirino, Isabela and Ifugao)*



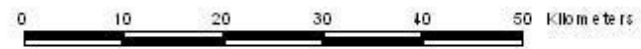




**Figure 4.9.1 Average Soil Erosion Hazard by Sub-watersheds**

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Source: JICA Study Team