

JAPAN INTERNATIONAL COOPERATION AGENCY - JICA

GOVERNMENT OF THE STATE OF PARÁ

EXECUTIVE SECRETARIAT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT - SECTAM

**MASTER PLAN STUDY
ON
DEGRADED LAND RESTORATION
IN THE STATE OF PARÁ
IN
THE FEDERATIVE REPUBLIC OF BRAZIL**

FINAL REPORT

Main Report

December, 2001

**PACIFIC CONSULTANTS INTERNATIONAL
ASIA AIR SURVEY CO., LTD.**

ExchangeRate (July, 2001)		
US\$ 1.00	=	R\$ 2.58
R\$ 1.00	=	US\$ 0.388
US\$ 1.00	=	Yen 124.63

PREFACE

In response to a request from the Government of the Federative Republic of Brazil, the Government of Japan decided to conduct a study on “The Master Plan Study on Degraded Land Restoration in the State of Pará in the Federative Republic of Brazil” and entrusted the study to the Japan International Cooperation Agency (JICA).

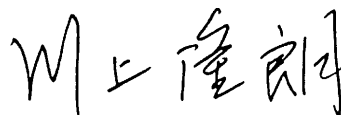
JICA sent to Brazil a study team headed by Mr. Yutaka Nozaki of Pacific Consultants International, four (4) times between April 2000 to October 2001.

The team held discussions with the officials concerned of the Government of Brazil, and conducted field surveys in the study area. After the team returned to Japan, further studies were made and the present report was prepared.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of Federative Republic of Brazil and the Government of the State of Pará for their close cooperation extended to the team.

December, 2001



Takao KAWAKAMI
President
Japan International Cooperation Agency

Tokyo, December of 2001

Mr. Takao KAWAKAMI
President
Japan International Cooperation Agency

Transmittal Letter

We are glad to submit the Final Report of “The Master Plan Study on Degraded Land Restoration in the State of Pará in the Federative Republic of Brazil”.

The report consists of the master plan for the degraded land restoration in the study area, which have been prepared in consideration of the advices and recommendations of relevant ministries of the Government of Japan and JICA on formulation of restoration plan, as well as the discussions with the Brazilian counterpart on the Draft Final Report and their comments on the report.

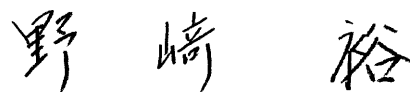
The Brazilian Amazon tropical forest is considered as one of the most important factors that affect the environment of the whole planet. However, degraded areas are expanding in the Amazon region since deforestation is advancing rapidly in the last few years. The expansion of degraded areas not only affect the regional environment, but also restrains the land use and the productive activities, thus affecting the living conditions of the rural population and their economic activities. In this context, it is necessary to look for appropriate alternatives of sustainable use and improvement of land productivity through the restoration of degraded and/or abandoned areas that suffered the deterioration of their land productivity and decline of economic capacity.

Therefore the execution of the Master Plan that contemplated in the report will contribute for the sustainable land use in the microregion of Marabá, harmonizing the economic activities with the environment, and allowing the recuperation of degraded areas through an ordered development. Furthermore, the Master Plan shall exert a multiplying effect by preventing a higher loss of natural forests, becoming a model for the recuperation plan of degraded areas, thus contributing to the recuperation of these areas and to the preservation of natural forests in other regions of the Pará State. It is thus anticipated that this plan be put into implementation as soon as possible following

the implementation schedule proposed in the report.

Taking this opportunity, we express our sincere gratitude to the officials of your Agency, the Ministry of Foreign Affairs and the Ministry of Agriculture, Forestry and Fishery of the Government of Japan for their valuable advices and recommendations for our study. We are also grateful to the officials of the Government of the Federative Republic of Brazil, the Executive Secretariat of Science, Technology and Environment of the Government of Pará and other public organizations involved in the Study for their devoted cooperation and support during the implementation of the Study in Brazil.

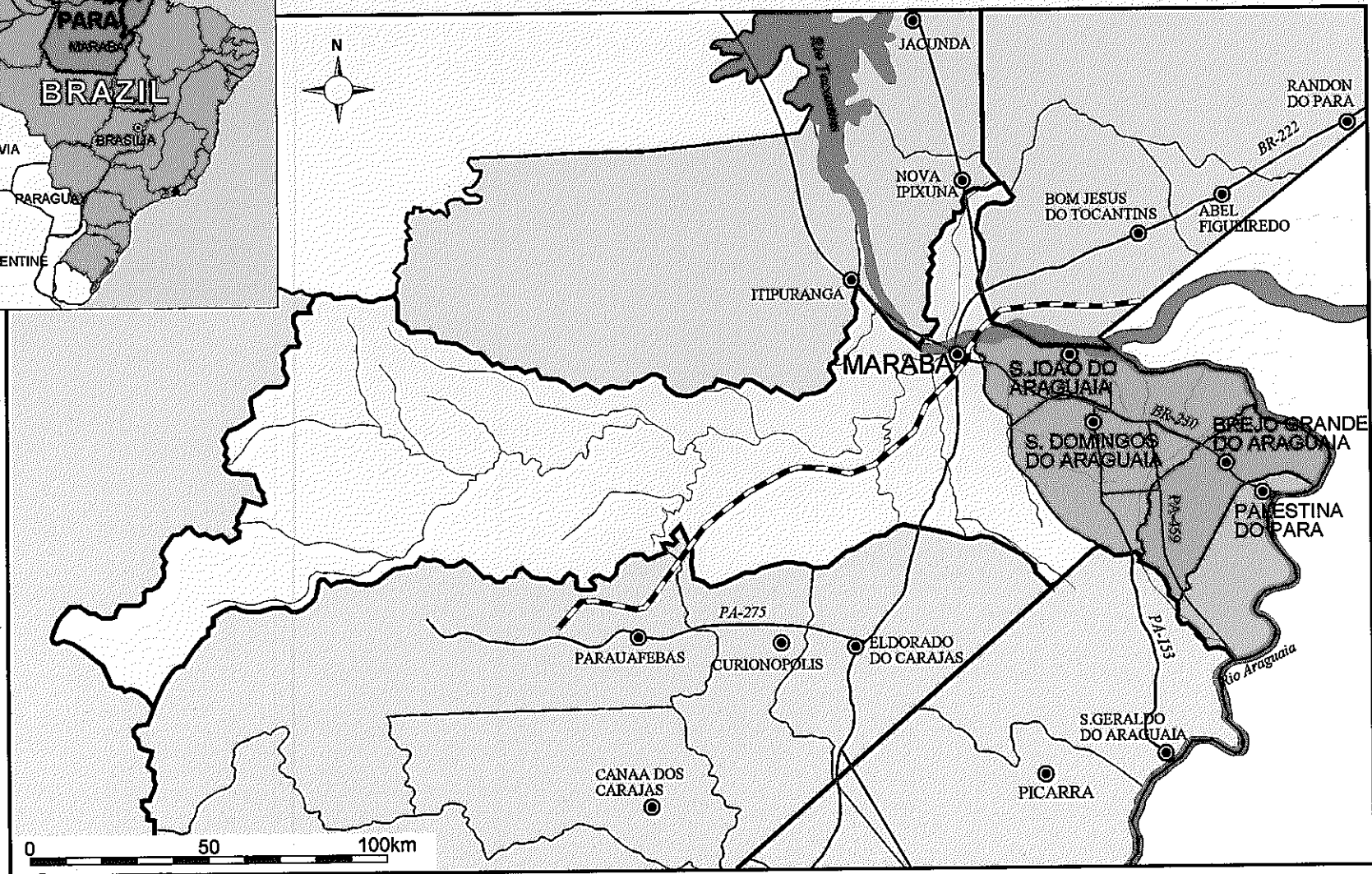
Sincerely yours,

Handwritten signature in black ink, consisting of three characters: 野 (Nozaki), 崎 (Nozaki), and 裕 (Nozaki).

Yutaka NOZAKI

Team Leader

The Master Plan Study
on Degraded Land Restoration
in the State of Pará



THE STUDY AREA