

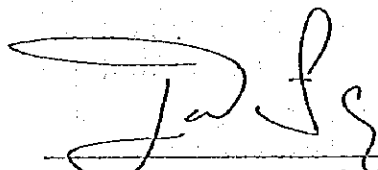
付 属 資 料

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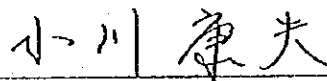
SCOPE OF WORK
FOR
THE MASTER PLAN STUDY ON
SUSTAINABLE MULTIPLE-USE RESOURCE MANAGEMENT
OF NKHOTAKOTA WILDLIFE RESERVE, MALAWI

AGREED UPON BETWEEN
THE MINISTRY OF FORESTRY AND NATURAL RESOURCES
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

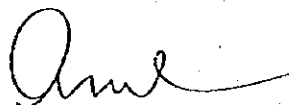
Lilongwe, 8 September, 1994



Dr. James H. A. Maida
Principal Secretary,
Ministry of Forestry and Natural
Resources,
Malawi



Mr. Yasuo Ogawa
Leader,
Preparatory Study Team,
Japan International Cooperation
Agency,
Japan



Mr. Ambrose Mzomba
For Secretary to the Treasury,
Ministry of Finance,
Malawi

I. INTRODUCTION

In response to the request of the Government of Malawi, the Government of Japan decided to conduct the Master Plan Study on Sustainable Multiple-Use Resource Management of Nkhotakota Wildlife Reserve (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of the Government of Malawi.

The present document sets forth the scope of work with regard to the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the Study are;

- (1) to assess the existing natural resources of the Nkhotakota Wildlife Reserve and the surrounding area and to formulate a master plan on sustainable multiple-use resource management of Nkhotakota Wildlife Reserve and the surrounding area which would provide positive benefits to the rural communities around the reserve,
- (2) to carry out technology transfer in the course of the Study to the counterpart personnel of the Malawian Side,

and thus contributing to the strengthening of capability of national park and Wildlife reserve management and to environmental conservation in Malawi.

III. STUDY AREA

The Study Area covers Nkhotakota Wildlife Reserve and the surrounding villages included within a range of 10 kilometers from the boundary of the reserve (location of Nkhotakota Wildlife Reserve is shown in appendix 1.)

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IV. OUTLINE OF THE STUDY

The Study will be carried out in the following two (2) phases.

1. Work in phase I

- (1) Data collection and field survey on the following:
 - a. natural conditions (topography, meteorology, soil, hydrology and others)
 - b. resource assessment (vegetation, major wildlife and others)
 - c. resource utilization (forest products, fish and wildlife animals and others)
 - d. socio-economic conditions (population, land use, living standard and needs of local people, agriculture, local industry, tourism and others)
- (2) Preparation of land use /vegetation map (scale:1/50,000) for the Study Area, using existing maps and aerial photographs taken by FAO in 1990.
- (3) Analysis of the change of land use / vegetation of the Study Area using satellite image data.
- (4) Preparation of major wildlife distribution map (scale:1/50,000) for the Nkhotakota Wildlife Reserve.
- (5) Implementation of Initial Environmental Examination.
- (6) Analysis and evaluation of above mentioned items.

2. Work in phase II

- (1) Formulation of the sustainable multiple-use resource management plan of the Nkhotakota Wildlife Reserve and the surrounding area which will include the following components.
 - a. zoning for resource management
 - b. wildlife conservation
 - c. forest conservation and watershed management
 - d. social forestry
 - e. sustainable resource utilization
 - f. eco-tourism
 - g. facilities and infrastructure design

- h. institution for management
- i. research program on sustainable resource management
- j. extension and environmental education

V. WORK SCHEDULE

The Study shall be carried out in accordance with the attached tentative work schedule (see appendix 2).

VI. REPORTS

JICA shall prepare and submit the following reports in English to the Government of Malawi.

1. Inception Report

Twenty (20) copies at the commencement of the Study.

2. Progress report

Twenty (20) copies at the end of Phase I of the Study.

3. Interim Report

Twenty (20) copies at the middle of Phase II of the Study.

4. Draft Final Report

Thirty (30) copies at the end of Phase II. The Government of Malawi shall submit its comments of the Draft Final Report to JICA within one (1) month after the reception of the Draft Final Report.

5. Final Report

Fifty (50) copies within two (2) months after the receipt of the comments of the Government of Malawi on the Draft Final Report.

In addition to the above reports, one set each of followings will be submitted to the Government of Malawi with relevant data.

- (1) Land-use/vegetation map (scale:1/50,000 1 set)
- (2) Land cover transition map (scale:1/250,000 1 set)
- (3) Major wildlife distribution map (scale:1/50,000 1 set)

VII. UNDERTAKING OF THE GOVERNMENT OF MALAWI

1. To facilitate smooth conduct of the Study, the Government of Malawi shall take necessary measures:

- (1) to secure the safety of the Japanese study team,
- (2) to permit the members of the Japanese study team to enter, leave and sojourn in Malawi for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
- (3) to exempt the members of the Japanese study team from taxes, duties and other charges on equipment, machinery and other materials brought into Malawi for the conduct of the Study,
- (4) to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
- (5) to provide necessary facilities to the Japanese study team for remittance as well as utilization of the funds introduced into Malawi from Japan in connection with the implementation of the Study,
- (6) to secure permission for entry into private properties or restricted areas for the conduct of the Study,
- (7) to secure permission for felling the trees and collecting the plants necessary for implementation of the Study,
- (8) to secure permission for the Japanese study team to take all data and documents (including maps and aerial photographs) related to the Study out of Malawi to Japan,
- (9) to secure clearance for the use of communication facilities including transceivers,
- (10) to provide medical services as needed. Any medical expenses incurred will be chargeable to members of the Japanese study team.

2. The Government of Malawi shall bear claims, if any arises against members of the Japanese study team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Japanese study team.

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3. Ministry of Forestry and Natural Resources (hereinafter referred to as "MFNR") shall act as counterpart agency to the Japanese study team and also as coordinating body in relation with other governmental and non-governmental organization concerned for the smooth implementation of the Study.
4. MFNR shall, at its own expense, provide the Japanese study team with the following, in cooperation with other organization concerned:
 - (1) available data and information related to the Study,
 - (2) counterpart personnel,
 - (3) suitable office space with necessary equipment in Lilongwe and Nkhotakota,
 - (4) credentials or identification cards.

VIII. UNDERTAKING OF JICA

For the implementation of the Study, JICA shall take the following measures:

- (1) to dispatch, at its own expense, the study team to Malawi
- (2) to pursue technology transfer to the Malawian counterpart personnel in the course of the Study.

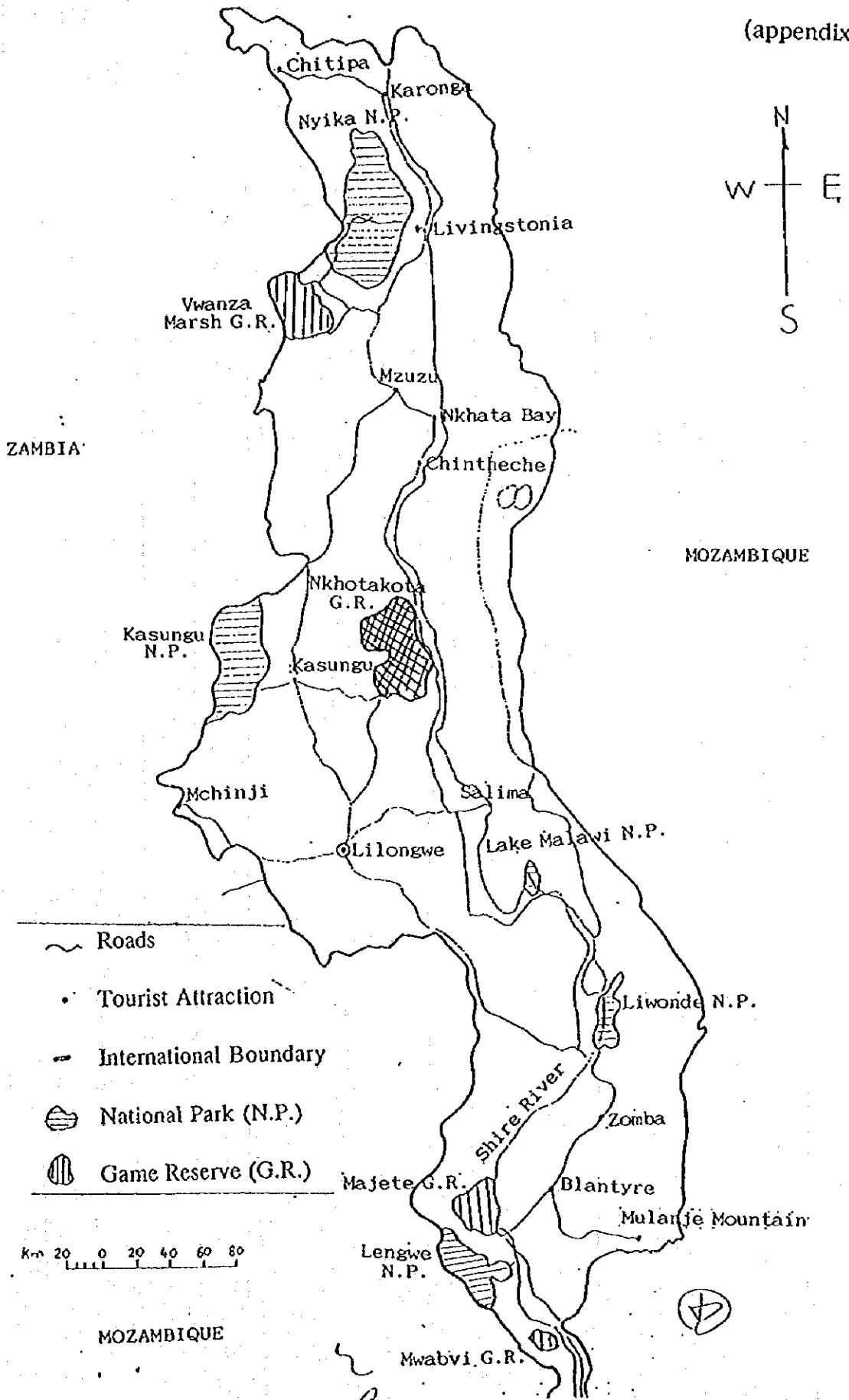
IX. OTHERS

JICA and MFNR shall consult with each other in respect of any matter that may arise from or in connection with the Study.

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(appendix 1)



Tentative Work Schedule of the Study

	5	10	15	20	25	30 (months)
The Study in Japan						
The Study in Malawi						
Submission of Reports	▲ IC/R		▲ PR/R		▲ IT/R	▲ DF/R
Phase	← phase 1		← phase 2			

Note: IC/R : Inception Report PR/R : Progress Report IT/R : Interim Report DF/R : Draft Final Report
 F/R : Final Report

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MINUTES OF MEETING
ON
SCOPE OF WORK
FOR THE MASTER PLAN STUDY ON
SUSTAINABLE MULTIPLE-USE RESOURCES MANAGEMENT
IN NKHOTAKOTA WILDLIFE RESERVE, MALAWI

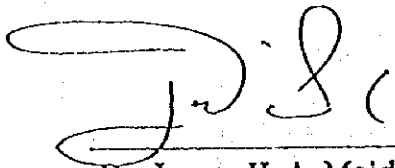
The preparatory study team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA"), and headed by Mr. Yasuo Ogawa, visited Malawi from 28 August, 1994 to 9 September, 1994 for the purpose of discussing and confirming the Scope of Work for the Master Plan Study on Sustainable Multiple-use Resources Management of Nkhotakota Wildlife Reserve, Malawi (hereinafter referred to as "the Study")

The Team had a series of discussions with the officials concerned of the Ministry of Forestry and Natural Resources (hereinafter referred to as "the MFNR"), headed by Dr. James H. A. Maida, Principal Secretary of the MFNR, on the Scope of Work for the Study.


As a result of the discussions, the MFNR and the Team agreed on the Scope of Work for the Study.

The main issues discussed in relation to Scope of Work for the Study are shown in the attachment.

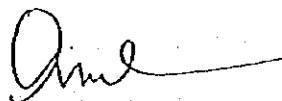
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Leader,
Preparatory Study Team,
Japan International Cooperation
Agency, Japan



Mr. Ambrosé Mzoma
For Secretary to the Treasury,
Ministry of Finance, Malawi

1. It was emphasized in the discussion that the MFNR attaches importance to survey on tourism, and the Team promised to take note on the request from the MFNR.
2. Both sides agreed that possible inclusion of hunting activities into utilization plan of the wildlife resource shall be examined, under the conditions that accurate assessment of the wildlife resource would be made and that scope for sustainable resource utilization would be confirmed.
3. The MFNR requested that detailed information on beekeeping activities should be collected as a part of survey on the resource utilization of forest products.
4. Both sides agreed that the proposed forest reserve of Dwambazi and the Dwangwa Sugar Corporation shall be excluded from the Study Area.
5. Both sides agreed that a Steering Committee shall be organized for implementation of the Study, composed of representatives of the following agencies;
 - Ministry of Economic Planning and Development
 - Ministry of Finance (Treasury)
 - Ministry of Forestry and Natural Resources
 - (Department of National Parks and Wildlife)
 - (Forest Department)
 - (Fisheries Department)
 - The Office of the President and Cabinet
 - (Department of Research and Environment Affairs)
6. Both sides agreed that workshops/seminars shall be held when the Interim Report and the Draft Final Report would be submitted, in order to widely disseminate progress and results of the Study among, and to obtain opinions and comments from the people concerned.
7. The MFNR requested that the following equipment necessary for the Study be procured by JICA and be donated to the MFNR after the termination of the Study. The Team promised to convey the request to the Government of Japan.
 - a) Four-wheel drive vehicle(s)
 - b) Radio communication(s)

- c) Personal computer(s)
- d) Photocopy machine
- e) Other necessary equipment.

8. The Team informed the MFNR that one slot for counterpart training in Japan is allotted for the Japanese fiscal year 1994. The MFNR promised to nominate a candidate for the training and take necessary procedures for his/her endorsement to the Government of Japan through JICA office in Malawi.
9. Both sides agreed that the species to be defined as "major wildlife" shall be identified by the Study Team in close consultation with the MFNR.
10. Both sides agreed that people's participation in the course of formulation of the Master Plan shall be promoted.
11. Both sides agreed that the social forestry programme of the Master Plan shall include the following studies;
 - a) estimation of fuelwood demand in the surrounding area,
 - b) formulation of model programmes of fuelwood plantation for selected villages.
12. The Team proposed that fish resource assessment and socio-economic survey might be conducted by local consultant(s). The MFNR expressed that there would be no objection in this regard.
13. The MFNR requested that fish resource assessment should cover major species including lake salmon.
14. The Team requested the MFNR to make necessary arrangements for use of aerial photographs taken by FAO in 1990, scale 1/40,000, of the Study Area.
15. Both sides agreed that resource items to be served for the utilization by the local people, such as mushroom, caterpillars, medicinal plants, and so forth, shall be identified basing on;
 - a) sustainability of resource utilization assured by accurate resource assessment,
 - b) needs assessment of the local people.

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16. The Team learnt that it was the understanding of the MFNR that the Study was to be followed by cooperation for implementation of programmes to be proposed in the Master Plan. The MFNR requested the Team to convey that understanding to the Government of Japan and the Team promised to do so. However, the Team emphasized the necessity for the part of the MFNR to submit an official proposal through the diplomatic channel to the Government of Japan in order to obtain further cooperation.
- The Team confirmed that the Government of Japan has so far committed its cooperation only for the Master Plan Study, not for the implementation, and the MFNR understood that point.
17. Both sides agreed that the aspect of community organizing would be of vital importance for proper utilization of resources in the Reserve.
18. The Team informed that the Study is so far being planned to commence from February 1995 at the latest.
19. The Team requested that the MFNR shall provide counterpart personnel for the Study, especially to ensure participation of wildlife personnel in assessment survey of the wildlife resource, and the MFNR accepted these requests.
20. The MFNR expressed its desire that dependence of local communities for their basic needs on the resources that abound in Nkhotakota Wildlife Reserve should be reduced by offering them with alternative energy sources and income generating activities. The MFNR believed that reduction of such dependence would lead to sustainable utilization of the resources.
- The Team replied that identification of alternative energy sources and income generating activities could not be covered by the scope of the Study. The Team, however, agreed on the importance of reducing dependence of local communities on the Reserve in principle, and replied that such idea shall be taken into account in the course of implementation of the Study.
- The MFNR expressed its understanding on the explanation made by the Team.
21. The MFNR expressed its concern over the length of the Study period relating to the pressures exerted by local communities which currently

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do not attach any value to the Reserve because of lack of discernible development activities in or catalysed by the Reserve. The MFNR therefore requested that, if the length of the Study period could not be reduced, pilot projects be introduced into the area in order to reduce the pressures.

The Team replied that the length of the Study period had been determined in consideration to secure enough time to conduct such voluminous work as resource assessment of wildlife and vegetation, socio-economic analysis, and so forth. Nevertheless, the Team replied that it would further seek the possibility of reducing the length of the Study period, paying respect to the request from the MFNR. The Team added for confirmation that the implementation of pilot projects shall not be included in the scope of the Study whether the length of the Study period could be reduced or not.

The MFNR expressed its understanding on the explanation made by the Team.

22. As to the item 1. (1) under VII of the Scope of Work, the MFNR requested the Team to clarify its meaning. The Team explained in reply that the item means that the MFNR shall inform the members of the Study Team any existing risk in the Study Area and take any measures deemed necessary to secure the safety of the Study Team.

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収集資料リスト

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