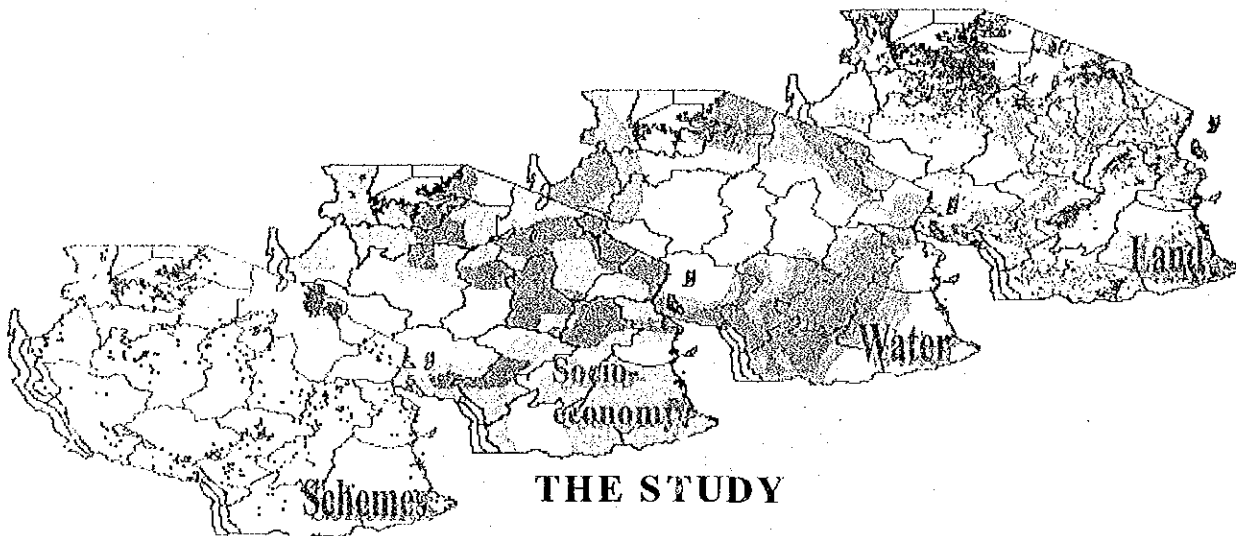


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
MINISTRY OF AGRICULTURE AND FOOD SECURITY (MAFS)



THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE UNITED REPUBLIC OF TANZANIA



MASTER PLAN
VOLUME-I: MAIN REPORT

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MAIN REPORT

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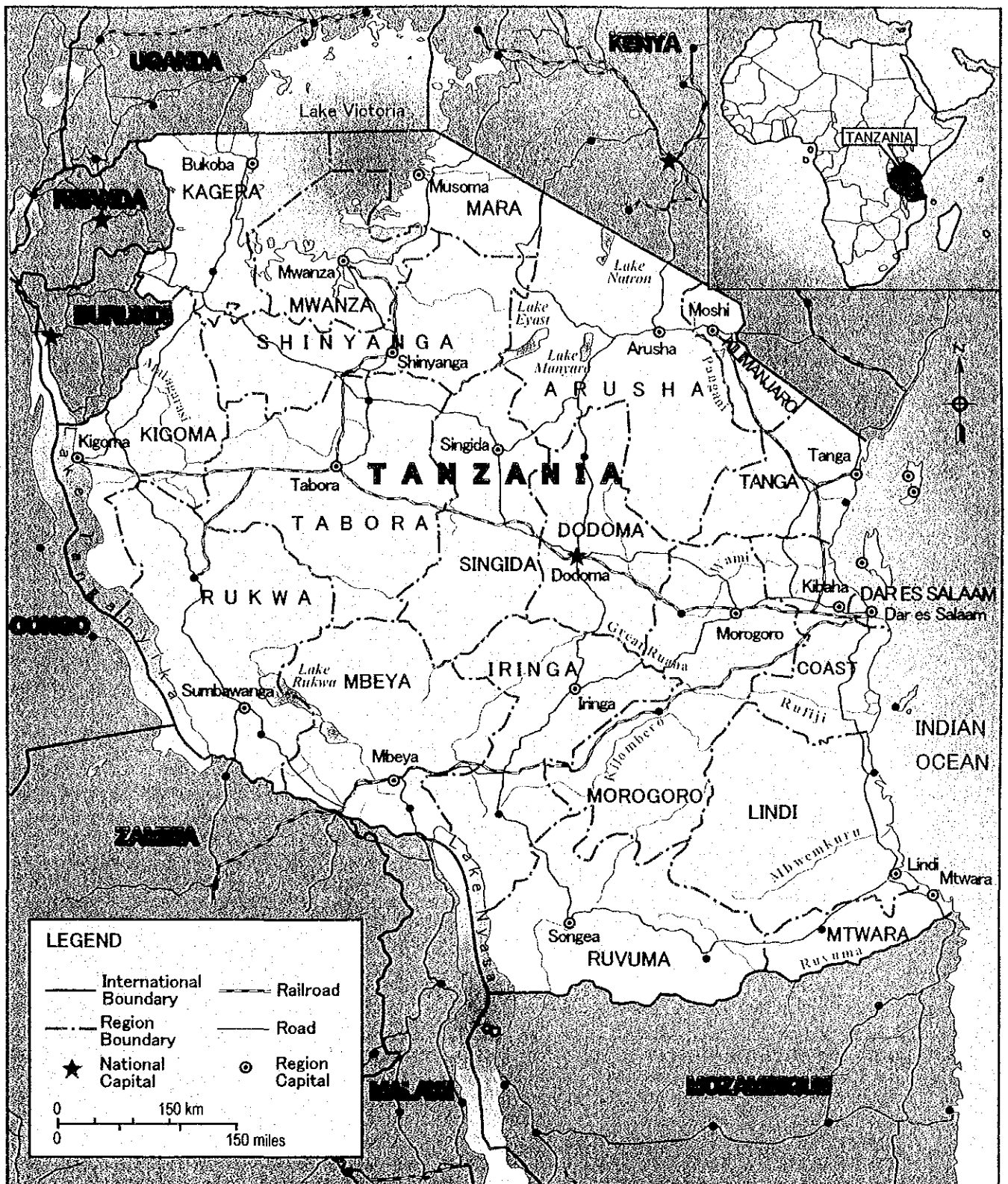
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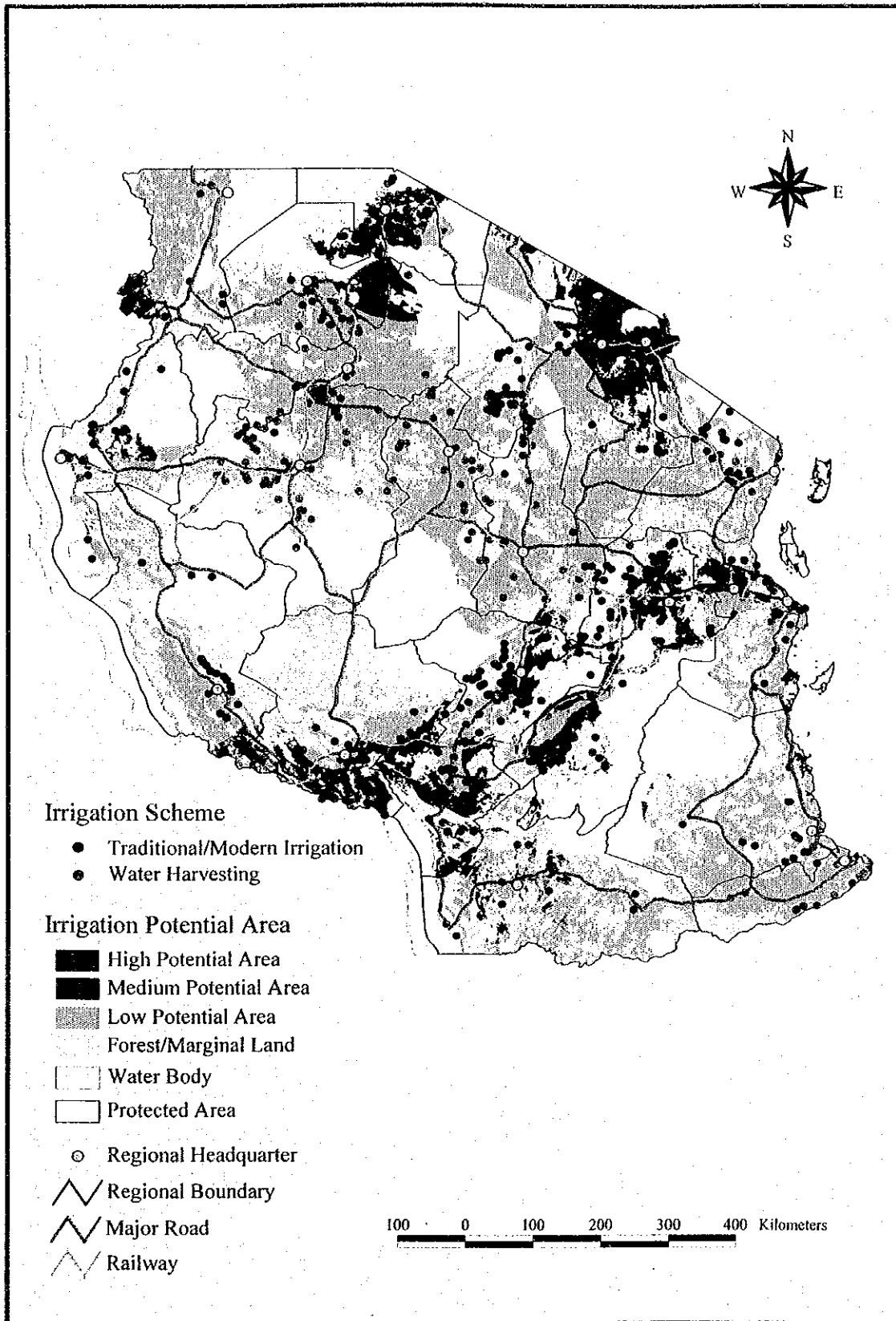
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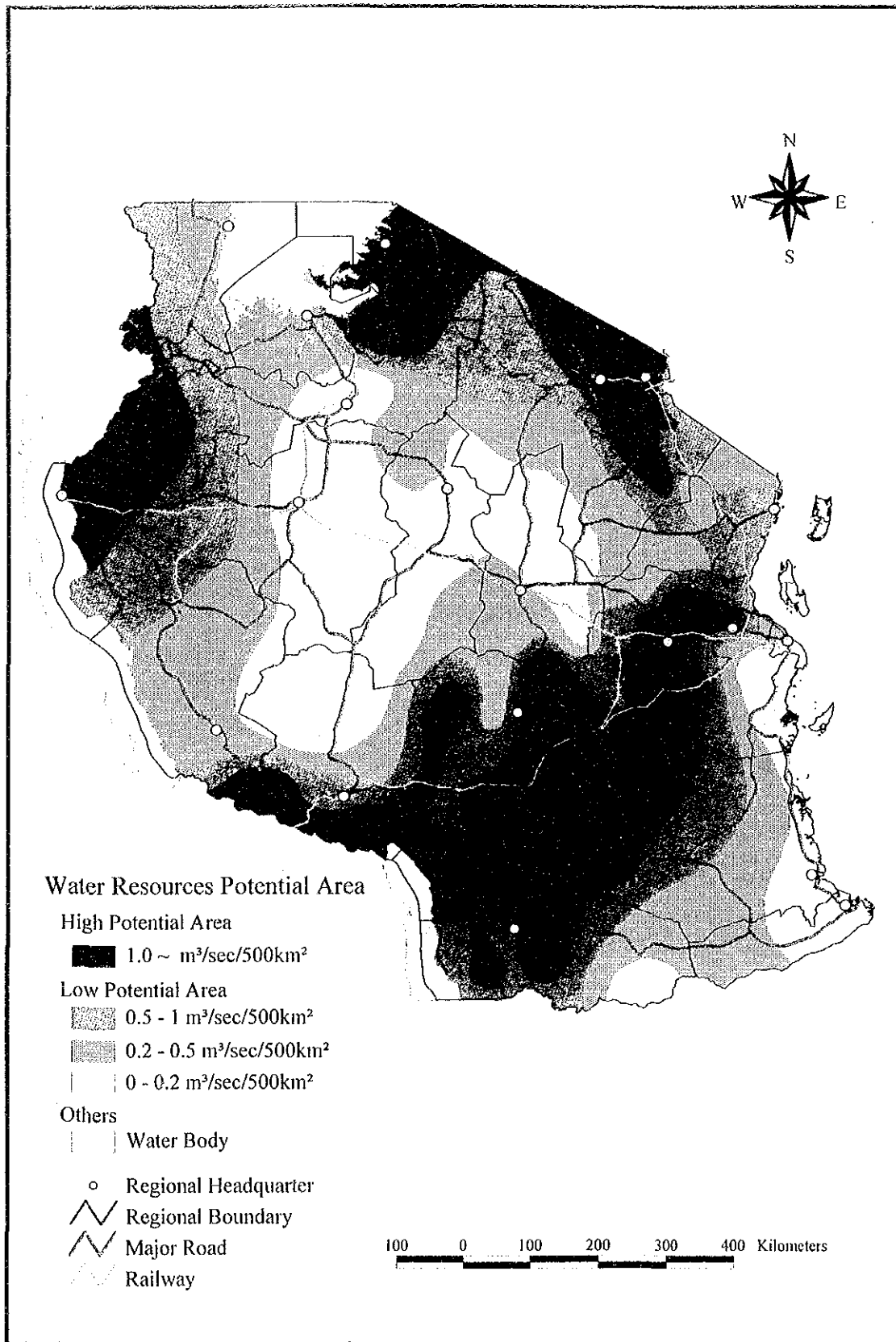
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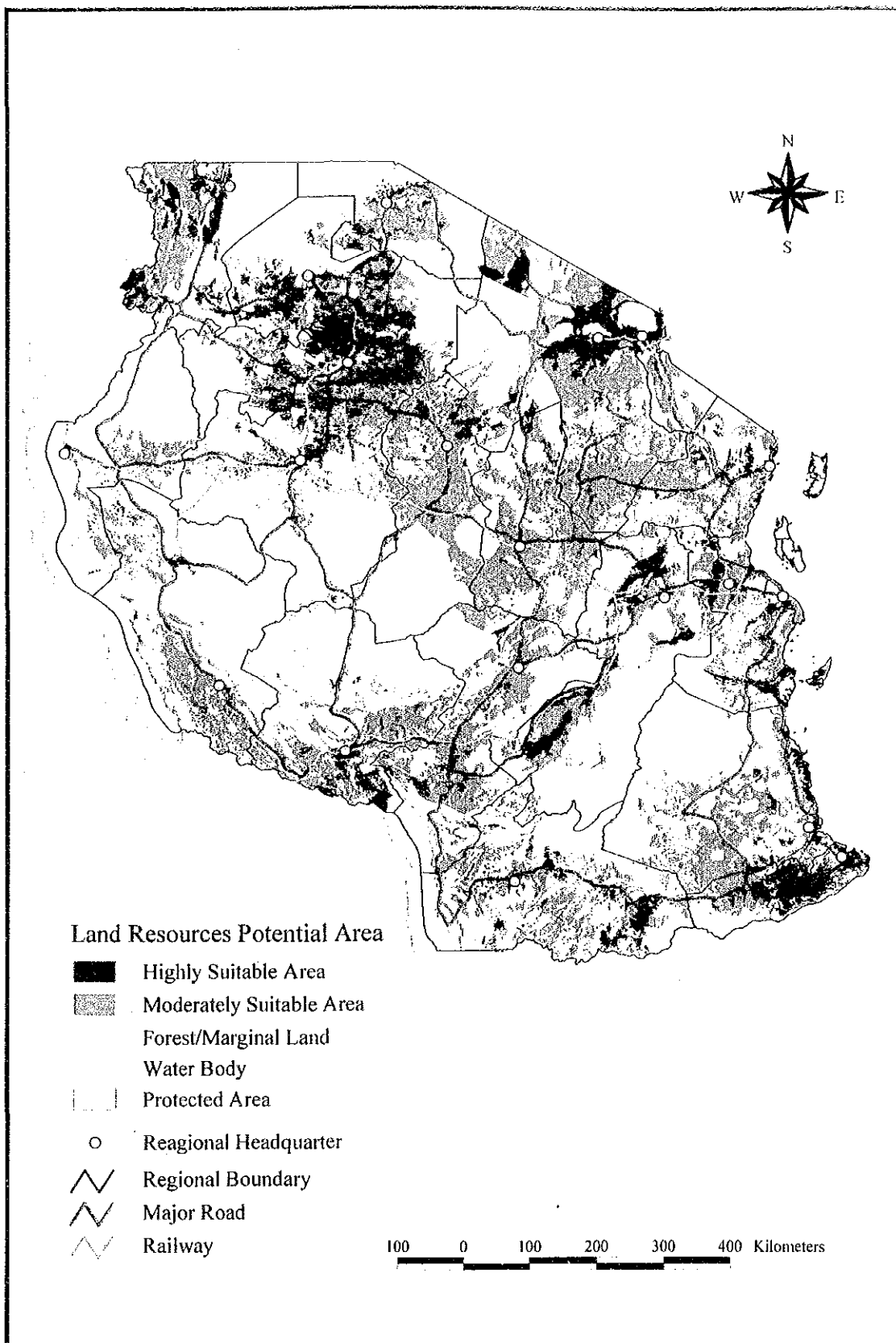
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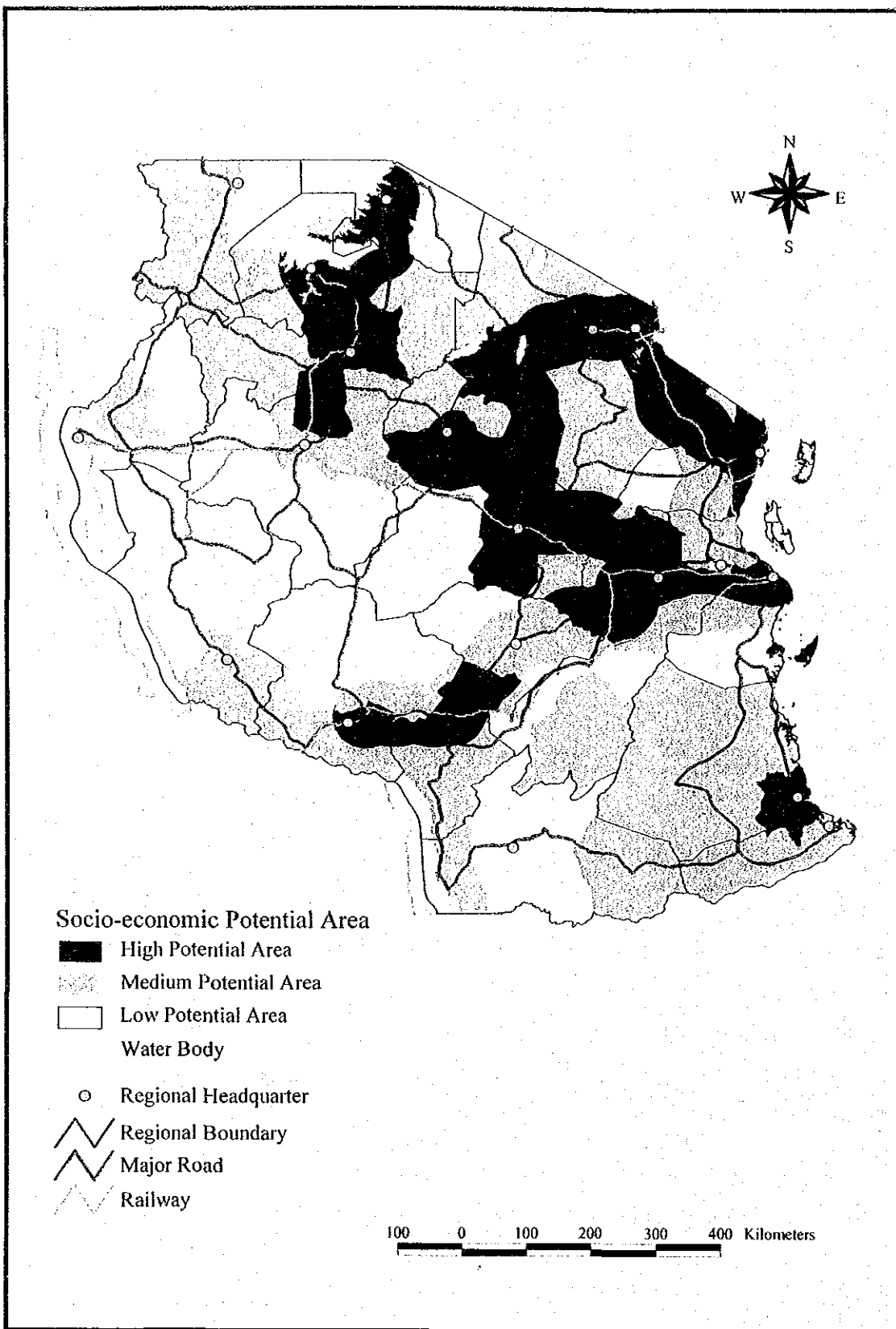
**Distribution of Irrigation Schemes on
Irrigation Development Potential Map**



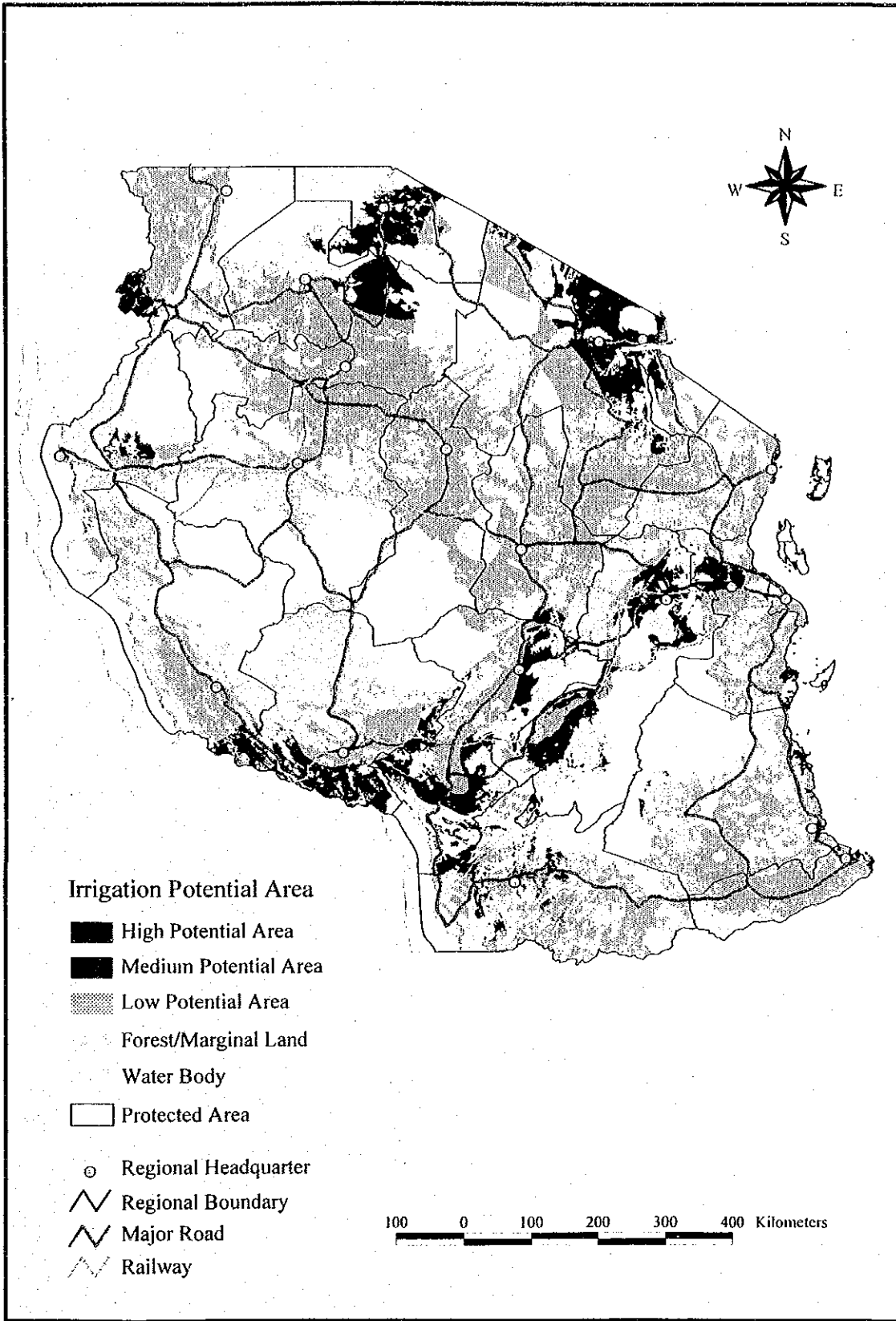
Water Resources Potential Area



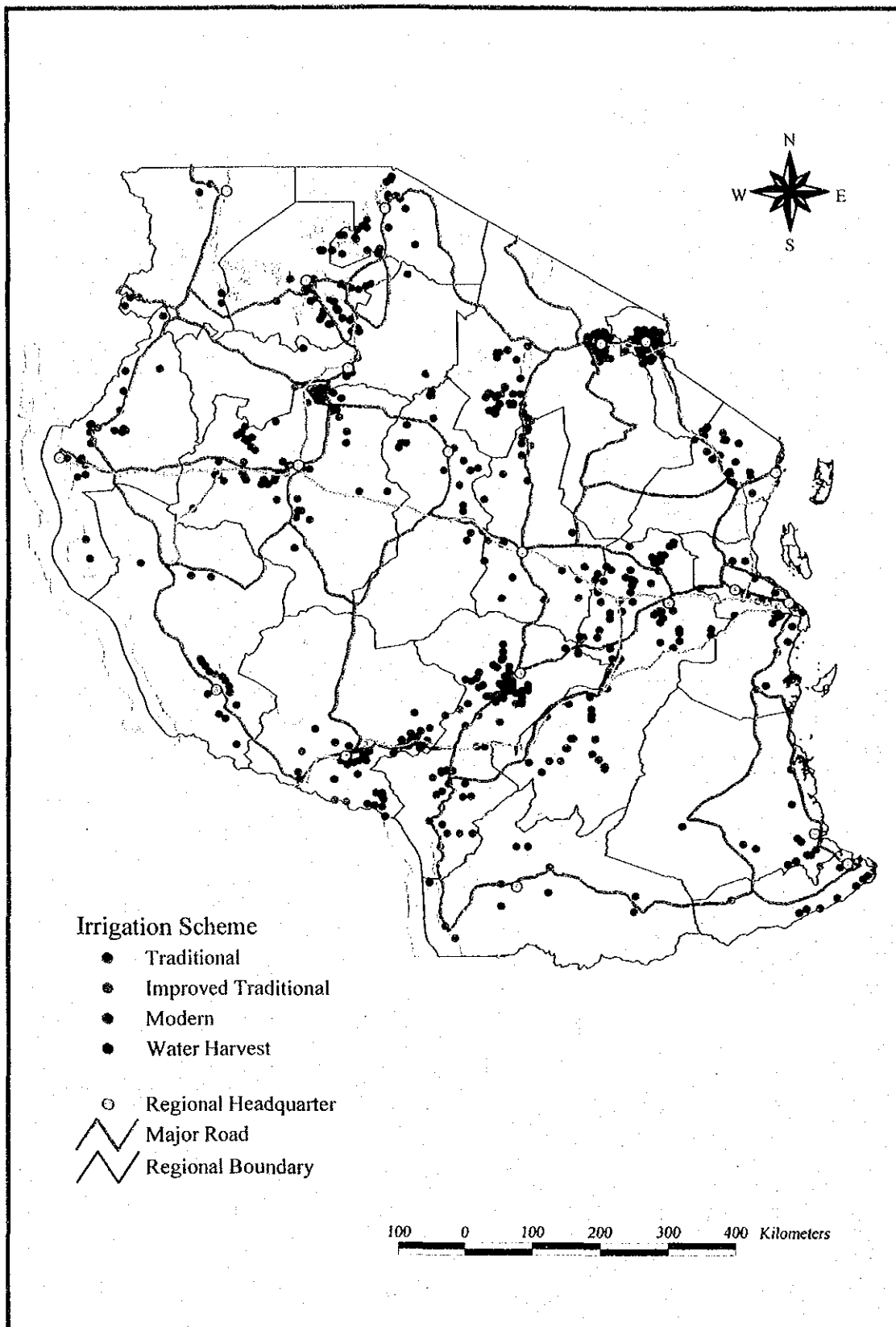
Land Resources Potential Area



Socio-economic Potential Area



Distribution of Irrigation Potential Area



Distribution of Irrigation Schemes

ABBREVIATIONS

ADB	African Development Bank
ADF	African Development Fund
AGITF	Agricultural Input Trust Fund
APCC	Agricultural Policy and Coordination Committee
ASDS	Agricultural Sector Development Strategy
ASDP	Agricultural Sector Development Programme
ASMP	Agricultural Sector Management Programme
ASPS	Agricultural Sector Programme Support
BFI	Base Flow Index
BoT	Bank of Tanzania
BOT	Build-Operate-Transfer
BTO	Build-Transfer-Operate
BWO	Basin Water Office
CAS	Country Assistance Strategy (of The World Bank)
CDF	Comprehensive Development Framework
CRDB	Co-operative Rural Development Bank
CSO	Civil Society Organization
DAC	Development Assistance Committee
DADC	District Agriculture Development Committee
DADP	District Agricultural Development Plan
DALDO	District Agriculture and Livestock Development Officer
DANIDA	Danish International Development Agency
DAWASA	Dar es Salaam Water and Sewerage Authority
DBO	Design-Build-Operate
DED	District Executive Director
DMFIS	District Micro Finance Institution Supervisors
DOD	Disbursed Outstanding Debt
DPLO	District Planning Officer
DPMC	District Programme Management Committee
DPU	District Programme Unit
DRC	Domestic Resource Coefficients
DSM	Dar es Salaam
EOI	Embassy of Ireland
EOJ	Embassy of Japan
EU	European Union
FAO	Food and Agriculture Organization
FAIDA	Financial and Advisory Institutions for Development Assistance
FDI	Foreign Direct Investment
FINNIDA	Finnish International Development Agency
GIS	Geographic Information System
GOJ	Government of Japan

GON	Government of the Netherlands
GDP	Gross Domestic Product
GOT	Government of Tanzania
GOZ	Government of Zanzibar
GTZ	German Agency for Technical Cooperation
HDI	Human Development Indicators
HBS	Household Budget Survey
HIPC	<i>Highly Indebted Poor Countries</i>
HRDS	Human Resource Development Survey
IBRD	International Bank for Reconstruction and Development
ICC	Inter-ministerial Coordination Committee
IDA	International Development Agency
IFAD	International Fund for Agricultural Development
IRA	Institute of Resource Assessment
IS	Irrigation Section
ISID	Institutional Support for Irrigation Development Project
JICA	Japan International Cooperation Agency
KATC	Kilimanjaro Agriculture Training Center
KATRIN	Kilombero Agricultural Training and Research Institute at Ifakara
LG	Local Government
LGA	Local Government Authority
LGRP	Local Government Reform Programme
M&E	Monitoring and Evaluation
MAC	Ministry of Agriculture and Cooperatives
MAFS	Ministry of Agriculture and Food Security
MANREC	Ministry of Agriculture, Natural Resources, Environment and Cooperatives
MCM	Ministry of Cooperative and Marketing
MDI	Multilateral Debt Fund
MIT	Ministry of Industry and Trade
MLHS	Ministry of Land and Human Settlements
MOF	Ministry of Finance
MTEF	Medium Term Expenditure Framework
MWLD	Ministry of Water and Livestock Development
NAEP-II	National Agricultural Extension Programme, Phase II
NAFCO	National Agricultural and Food Corporation
NBS	National Bureau of Statistic
NEAP	National Environmental Action Plan
NGO	Non-Government Organization
NIDP	National Irrigation Development Plan
NIMP	National Irrigation Master Plan
NMS	National Minimum Standard
NORAD	Norwegian Agency for Development
PCM	Project Cycle Management

PER	Public Expenditure Review
PFI	Private Finance Initiative
PIDP	Participatory Irrigation Development Programme
PMO	Prime Minister's Office
PO-PC	President's Office-Planning Commission
PO-RALG	President's Office -Regional Administration and Local Government
PRGF	Poverty Reduction and Growth Facility
PPP	Public Private Partnership
PRSP	Poverty Reduction Strategy Paper
PS	Permanent Secretary
PSAC	Programmatic Structural Adjustment Credit
PSRP	Public Services Reform Programme
PWMI	Poverty Welfare Monitoring Indicators
RAS	Regional Administrative Secretary
RBM	River Basin Management
RBMSIIP	River Basin Management and Smallholder Irrigation Improvement Project
RDS	Rural Development Strategy
RIPARWIN	Project for Raising Irrigation Productivity and Releasing Water for Inter-Sectoral Needs
RUBADA	Rufiji Basin Development Authority
SADCC	Southern African Development Co-ordination Conference
SCSRD	Sokoine University of Agriculture Centre for Sustainable Rural Development
SDPMA	Smallholder Development Project for Marginal Areas
SIDA	Swedish International Development Agency
SGR	Strategic Grain Reserve
SMS	Subject Matter Specialist
SNV	Netherlands Development Organization
SOFRAIP	Soil Fertility Recapitalisation and Agricultural Intensification Project
SPFS	Special Programme for Food Security
SUA	Sokoine University of Agriculture
SWA	Sector Wide Approach
TANESCO	Tanzania Electric Supply Company
TANSEED	Tanzania Seed Company
TAS	Tanzania Assistance Strategy
TBS	Tanzania Bureau of Standards
TDV	Tanzania Development Vision 2025
T&E	Training and Extension
T&V	Training and Visit
TIC	Technical Inter-minestrical Committee
TOSCA	Tanzania Official Seed Certification Agency
TIP	Traditional Irrigation Improvement Programme
TTCL	Tanzania Telecommunication Company Ltd.

UDS	University of Dar es Salaam
UNDP	United Nations Development Programme
UNFPA	United Nations Fund for Population Activities
USAID	United States Agency for International Development
VEO	Village Extension Officer
VEW	Village Extension Worker
VPO	Vice President's Office
WB	World Bank
WUA	Water Users Association
WUG	Water Users Group
ZIO	Zonal Irrigation Officer
ZRF	Zonal Research Fund

MEASUREMENT UNITS

Extent

cm² = Square-centimeters (1.0 cm x 1.0 cm)

m² = Square-meters (1.0 m x 1.0 m)

km² = Square-kilometers (1.0 km x 1.0 km)

a = Are (100 m² or 0.01 ha.)

ha = Hectares (10,000 m²)

ac = Acres (4,046.8 m² or 0.40468 ha.)

Volume

cm³ = Cubic-centimeters

(1.0 cm x 1.0 cm x 1.0 cm
or 1.0 m-lit.)

m³ = Cubic-meters

(1.0 m x 1.0 m x 1.0 m
or 1.0 k-lit.)

lit = Liter (1,000 cm³)

MCM = Million Cubic Meter

Length

mm = Millimeters

cm = Centimeters (cm = 10 mm)

m = Meters (m = 100 cm)

km = Kilometers (km = 1,000 m)

Weight

gr = Grams

kg = Kilograms (1,000 gr.)

ton = Metric ton (1,000 kg)

Currency

US\$ = United State Dollars

US\$1.0 = J¥125 = Tanzanian Shillings 950
(as of August, 2002)

J¥ = Japanese Yen

Tsh = Tanzanian Shillings

Time

sec = Seconds

min = Minutes (60 sec.)

hr = Hours (60 min.)

**THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
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MASTER PLAN

MAIN REPORT

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