

Sardar Sarovar project

LIST OF STUDIES/REPORTS

FINDINGS AND IMPACTS

COMMAND AREA DEVELOPMENT		
Studies in Water Rates Policy, in 3 parts:		
Agro Pollution Aspect of Command Area	. H.R. Wallingford	
studies on EIA of Command area in Rajasthan portion	WAPCOS	
Pre-Feasibility Study for Low Level Canal	Jyoti Consultants Ltd., Vadodara.	1981
Mathematical Modeling of Ground Water for System Single Layer Model Narmada Mahi Doab,	Operation Research Group Vadodara.	1982
Pre-Feasibility Level Drainage Study of Narmada Mahi Doab of SSP Command.	Core Consultants Ltd. Ahmedabad	1982
Some Aspects of Role of Panchyats and Institutional Arrangements for Canal Irrigation in Two Talukas of Ahmedabad District..	Institute of Cultural and Urban Anthropology, Ahmedabad	1982
A Study of Settlement Pattern (6 Talukas in the Narmada Command Area of Mahesana Distt. of Gujarat)..	Department of Geography, Gujarat University, Ahmedabad	1982
Regionalisation of Narmada Command.	Operations Research Group, Vadodara.	1982
Marginal Cost Study of Two Typical Distributerries and Two Typical Branches.	Dr. C.R. Shah, Vadodara	1983
Socio-Economic Bench Mark Survey of 62 Talukas (Sub-districts) of Narmada Command Area	.Fourteen Different Agencies including Universities Research Institutions etc.	1983
Population Projection and Migration Study for Narmada Command Area..	Operations Research Group, Vadodara	1983

Study on Water Demand for Non-Agricultural Use from Narmada Project.	Gujarat Water Supply and Sewerage Board, Gandhinagar	1983
Consumer Expenditure, Assets and Indebtedness of Rural Households of the Command Area of Sardar Sarovar (Narmada) Project	Directorate of Economics & Statistics, Gandhinagar	1983
Wasteland Development Project for Command Area of Narmada Canal (Region 11 and 12).	Gujarat State Rural Development Corporation Ltd., Gandhinagar.	1984
Mathematical Modeling of Ground Water System Narmada Mahi Doab.	Operations Research Group, Vadodara	1985
Additional Work on Mathematical Modeling of Ground Water System-Single Layer Model Narmada Mahi Doab.	Operations Research Group, Vadodara.	1985
State of Adoption of Improved Technology in Narmada Command and Rest of Gujarat State (Based on Analysis of Crop cutting Experiments Data).	Operations Research Group, Vadodara	1985
Computer Aided Planning of Conveyance and Delivery Network.	Indian Institute of Management, Ahmedabad.	1986
Land Use and Cropping Pattern Survey and Mapping of Narmada Command Area Zone 4A & 4B..	Department of Geography, M.S. University, Vadodara	1986
Survey and Investigation Work of Ground Water Resources in Narmada-Mahi Doab.	Gujarat Water Resources Development Corporation Ltd., Gandhinagar.	1987
Cropping Pattern and Waste Demand Study in Narmada Command Area..	Operation Research Group, Vadodara	1987
Agricultural Research Studies	Gujarat Agricultural Univ	1987
Inter-Regional Water Allocation and Determination of Branch Canal Capacity.	Operations Research Group, Vadodara.	1989
Extended Study on Inter Regional Water Allocation and Determination of Branch Canal Capacity.	Operations Research Group, Vadodara.	1989
Survey and Investigation Work of Ground Water Resources Beyond River Mahi in SSP Command.	Gujarat Water Resources Development Corporation Ltd. Gandhinagar.	1989
Growth of Agro-Processing Industries in Phase-I of the SSP.	Gujarat Industrial & Technical Consultancy	1990

Phase-I of the SSP.	Organisation Gandhinagar Ltd.	
Consultancy Work for Control, Telemetry and Communication Network on Narmada Canal System for SSP.	Gujarat Communication & Electrical Ltd. Vadodara	1991
Action Research on People' Participation in Water Management in SSP.	Gandhi Labour Institute, Ahmedabad.	1991
Techno-Economic Study for Utilising Village Tanks as Borrow Area for Construction of Canal Network.	Operations Research Group, Vadodara.	1992
Pricing of a Public Utility Survey of Literature.	Department of Economics, South Gujarat University, Surat	1992
Financial working of Irrigation Projects - A Case of Four Projects in Gujarat.	Department of Economics, Sardar Patel University, Vallabh, Vidyanagar.	1992
Some Policy Issue for Canal Water Rates in Gujarat.	Department of Economics, Sardar Patel University, Vallabh, Vidyanagar.	1992
Mathematical Modeling of Ground Water System for SSP Command Between Rivers Shedhi and Sabarmati.	Consultancy Engineering Service, New Delhi.	1993
Mathematical Modeling of Ground Water System for SSP Command Between Rivers Shedhi and Sabarmati.	Operation Research Group, Vadodara	1993
Mathematical Modeling of Groundwater System for SSP Command Beyond Banas up to Rajasthan Border.	Dalal Consultants, Ahmedabad.	1993
Pre-feasibility Level Drainage Study for SSP Command Beyond Mahi.	Consultancy Engineering Services, New Delhi.	1993
Environmental Impact Assessment of Black Buck National Park located at Velavadar in the command area of SSP..	GEER Foundation	1993
Study on Preparation of a Detailed Integrated Command Area Development Plan for SSP.	M/s. Wamana Consultants Pvt. Ltd., Hyderabad.	1994
Environmental Impact Assessment Studies on Inland and Marine Fisheries relevant to the Command Area of Sardar Samovar (Narmada) Project.	M.S. University, Vadodara.	1994

Environmental Impact Assessment (EIA) Studies on Water Related Diseases in Sardar Sarovar Project (SSP) Command Area including the Area Down Stream of the SSP Dam..	Commissionerate of Health, Medical Services & Medical Education, Govt. of Gujarat, Gandhinagar	1995
Study of Flora and Fauna of the Command Area of Sardar Sarovar (Narmada) Project: Lying Between the Narmada & Sabarmati Rivers (EIA Studies)..	Sardar Patel University, Vallabh Vidyanagar	1995
EIA on Downstream of Sardar Sarovar Dam up to Gulf of Cambay.	H.R. Wallingford.	1995
Economic Dimension of the Sardar Sarovar Project.	S.P.Institute of Social & Economic Research, Ahmedabad	1995
Study on Flora and Fauna of the Command Area of Sardar Sarovar (Narmada) Project Lying in Saurashtra and Kachchh Area (EIA studies)..	Saurashtra University, Rajkot	1996
Review of Ground Water Drainage Study..	H.R. Wallingford	1996
Study on Flora and Fauna of the Command Area of SS(N) Project: Lying Between Sabarmati River and Rajasthan Border, EIA Studies.	Gujarat University, Ahmedabad	1998
Ecological Study of Wild Ass Sanctuary and Surrounding Area Using Remote Sensing Technology for EIA.Gujarat. Ecological Education & Research Foundation	GEER Foundation, Gandhinagar.	1998
Environmental Impact Assessment of Nal Sarovar Bird Sanctuary.	GEER Foundation, Gandhinagar.	1998
FLORA, FAUNA, WILDLIFE AND CARRYING CAPACITY		
Felling plans for the forest area coming under submergence in Maharashtra and Madhya Pradesh		
Biological Investigations on the Fish & Fisheries of Narmada River (1958-1966).	CICFRI	1967
The Environmental Impact Study	MSU.	1983
The Sardar Sarovar Narmada Project – studies on ecology and environment	MSU	1983

studies on ecology and environment		
The Narmada Basin Water Development Plan: The Development of Fisheries.		1984
Work Plan for environmental effects Sector-Forests and Wildlife.	Narmada Planning Group (NPG), GOG.	1986
Work Plan for environmental effects Sector-Fish and Fisheries	Narmada Planning Group (NPG), GOG.	1986
Preliminary Report on First Botanical Exploration and Plant Collection from Narmada Valley	Botanical Survey of India (BSI)	1986
Preliminary Report on First Botanical Exploration and Plant Collection from Narmada Valley.	BSI	1986
Environmental Work Plan Sector Fish and Fisheries, GOG.		1986
Note on SSP; Preparation of environmental work plan for fisheries development in Maharashtra.	GOM	1987
Narmada Basin Water Development Plan: Development of Fisheries	Narmada Planning Agency, GOMP.	1987
Rapid Reconnaissance Survey of Limnological Aspects Part I, II and III,	Bhopal, Vikram and Rani Durgavati Universities MP.	1987
A Note on SSP: Preparation of Environmental Work Plan for Fisheries Development in Maharashtra,		1987
Report on the Survey of the Narmada Sagar Area	Zoological Survey of India,	1988
Note on Sardar Sarovar Project - Preparation of Environmental Work Plan for Forest and Wildlife by the,	State Forest Department, GOM	1988
Ecology and Fisheries of the Narmada Estuarine System with Special Reference to Proposed Impoundment (Sardar Sarovar Dam)	CICFRI	1988
Workshop on Approaches to Integrated Wildlife Management in Gujarat	SSNNL	1990
People's Involvement in Wildlife Management	VIKSAT	1991

Narmada River Basin Development Project: Fisheries Component	GOPA. German Consultants to the World Bank	1991
Sociological Survey of the Fishing Families of the Narmada River by,	CICFRI	1991
Aquatic Fauna (Fish) Studies in Indira Sagar Submergence Area	Friends of Nature Society	1991
Eco-Environmental and Wildlife Management Studies in the Sardar Sarovar Area in Gujarat.	MSU.	1992
Wildlife Management Studies in the Submergence and Catchment Area of Narmada Project: With Special Reference to Shoolpaneshwar Wildlife Sanctuary	SSNNL.	1992
Studies on Fish Conservation in Narmada Sagar, Sardar Sarovar and its Downstream.	NCA and CICFRI	1993
Status of Flora and Fauna in and Around Sardar Sarovar Project, Maharashtra	University of Pune.	1994
Impact Assessment of Madhya Pradesh Land to be Submerged Under Sardar Sarovar Project and Adjoining Ecosystems.	State Forest Research Institute (SFRI) Jabalpur	1994
Pre-and Post-Impoundment Limnological Studies of Narmada Basin	Barkatullah University	1994
Shoolpaneshwar sanctuary development action plan	forest department, GOG.	1996
CATCHMENT AREA TREATMENT		
Studies on Ecology and Environment	M.S University of Baroda (MSU)	1983.
Report of Inter-Departmental Committee on Soil Conservation and Afforestation, (the Dewan Committee Report		1985
Project Report for Treatment of Vulnerable Catchment Area of SSP, Tahsil: Akrani District, Dhule, Maharashtra.	Maharashtra Forest Department.	1988
Watershed Prioritisation for Sardar Sarovar, Maheshwar and Omkareshwar	G.S. Institute of Technology & Science,	1990

Catchments. by Shri	Indore	
Report on Prioritisation of Sub-watersheds in Sub-catchments of Narmada Catchment, by	AIS&LUSO, New Delhi.	1991
Catchment Area Treatment Plan for Sardar Sarovar Project, Dhule	GOM	1991
Catchment Area Treatment for Sardar Sarovar Project Action Plan for 1991-92.	NVDA	1991
COMPENSATORY AFFORESTATION		
Sardar Sarovar (Narmada) Project Development Plan, Volume-II prepared by the	Narmada Planning Group (NPG).	1983
Studies on Ecology and Environment	M.S. University of Baroda (MSU)	1983
Government of Gujarat Work Plan for Management of Environmental Effects, Section on Forests and Wildlife: The Compensatory Afforestation Plan for the Rann of Kutchchh,.		1986
Environmental Work Plan on Flora and Fauna	Govt. of Maharashtra	1988
Sardar Sarovar Project: Preparation of Environmental Work Plan	Forest Department of Maharashtra	1988
Compensatory Afforestation Scheme in Lieu of Sardar Sarovar Project in Dhule District, Maharashtra State		1989
Government of Madhya Pradesh Forest Department Action Plan of Compensatory Afforestation for Sardar Sarovar Multipurpose River Valley Project		1989
Project for Afforestation in Sardar Sarovar Project Impact Areas due to Diversion of forestlands for Sardar Sarovar Project (GOG).		1991
Eco-Environmental and Wildlife Management Studies on the Sardar Sarovar Submergence Area in Gujarat by	MSU	1992
Impact Assessment of Madhya Pradesh Land to be submerged Under Sardar Sarovar Project and Adjoining	State Forest Research Institute, Jabalpur.	1992

Ecosystems by		
Draft Final Report on Flora and Fauna In and Around Sardar Sarovar Project, Maharashtra	University of Pune	1997
SEISMICITY AND RIM STABILITY		
Sardar Sarovar Project: A Geotechnical Report	Balasundaram, M.S	
Report on the estimation of design seismic coefficient for Navagam Dam, Narmada Project Gujarat State.	CWPRS	1979
Geological and Seismological Investigations of the Environs of Narmada Valley around Navagam Dam site in Gujarat.	University of Roorkee	1980
Design earthquake parameters for Navagam Dam Site in Gujarat.	University of Roorkee	1982
A Geotechnical Report on the Reservoir Competency Investigations in Parts of Sardar Sarovar Area, Bharuch & Vadodara Districts. Volumes I & II.	GSI	1982
Seismotectonic Aspects on Reservoir Development.	Shenoi et al	1982
The Sardar Sarovar Narmada Project Studies on Ecology and Environment.	MSU	1982
A Geotechnical Report on the Reservoir Competency Investigations in Parts of Sardar Sarovar Area, Bharuch & Vadodara Districts. Volumes II&I.	GSI	1983
Dams and Seismicity	Krishna, Dr. J	1983
Position Paper on Seismic Studies	NVDA	1986
Sardar Sarovar Project Seismicity and Sardar Sarovar Dam.	GOI	1986
Study of the Rim Stability of the SSP.	GSI	1990
HEALTH ASPECTS		
Health Statistics, GOMP		1982
The Sardar Sarovar Narmada Project Studies on Ecology and Environment by	MSU	1983

Report on rapid pre-impoundment limnological survey of Narmada river for water quality and aquatic aspects, part-I, II & III	Deptt. of Limnology, Bhopal University, Bhopal.	1985
Health Statistics, GOMP		1985
Narmada Programme - Schistosomiasis - Back-to-Office Report.	Goodland, consultant to the World Bank,	1986
Disease Profile of Command Area	State Commissariat of Health, Medical Services and Medical Education (SCHMS)	1986
Modified work plan for environmental effects sector-public health	Narmada Planning Group, Gandhinagar.	1986
Action Plan for Public Health Section on Environmental aspects of SSP	GOM	1987
Health Statistics:Report on the health profile of 33 project-affected villages in Dhule district, Maharashtra.	The State Department of Health GOM	1987
Health and Medical Services under Narmada Sagar and Sardar Sarovar Complex.	NVDA	1990
Revised health plan by GOMP		1993
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Revised Health Plan by GOG,		1996.
Epidemiological Surveillance Studies by,.	GOM	1996
Draft Health Management Plan by GOG,.		1997
Epidemiological Surveillance Studies	Gandhi Medical College Bhopal	2000
ARCHAEOLOGICAL SURVEY AND ANTHROPOLOGICAL STUDIES		
Survey in 24 villages of Akrani taluk and 9 villages from Akkalkuwa taluk, Dhule district Maharashtra	Department of Archaeology Maharashtra	
Survey of Material Cultural in the Narmada Valley.	Adivasi Kala Parishad	

Narmada Salvage Plan.	Rashtriya Manav Sanghralaya	
Study of the palaeo-ecology of quaternary fossils in the central Narmada Valley.		
Excavation of upper Paleolithic site of Mehtakheda		
Exploration of Nimar;		
Collection of tribal artifacts in Madhya Pradesh.		
The Anthropological Salvage Plan for Narmada Valley.	Anthropological Survey of India	1988
Archaeological Survey of Nineteen Villages Submerged by Sardar Sarovar Reservoir	Gujarat	1989
Madhya Pradesh: Survey sixteen volumes.	State Department of Archaeology and Museum	1992
People of India.	Anthropological Survey of India	1992
TRAINING ON ENVIRONMENT		
Training programme on Environmental Management for Senior Officers of the Narmada Project Area, Vol. I & II 11-15 May, 1987 by Indian Institute of Public Administration, New Delhi.		