

Social and Environmental Vulnerability: Participation of Civil Societies in Risk Management

Presented by

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ISDR

INSTITUTE FOR SUSTAINABLE DEVELOPMENT AND RESEARCH
isdronline.com



INSTITUTE FOR SUSTAINABLE DEVELOPMENT AND RESEARCH (ISDR), MUMBAI, INDIA

- *ISDR* WAS ESTABLISHED AS A NON PROFIT ORGANIZATION IN 1992
- IT IS A NON GOVERNMENTAL ORGANIZATION (NGO)
- IT IS REGISTERED UNDER SOCIETIES REGISTRATION ACT, 1860 AND BOMBAY PUBLIC TRUST ACT, 1950

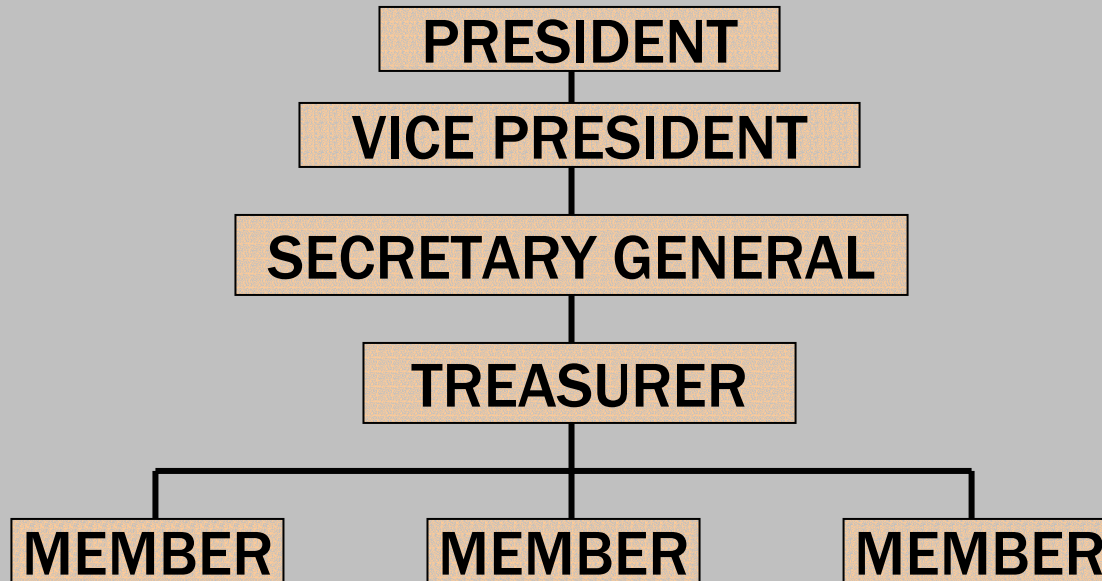


ORGANIZATIONAL STRUCTURE

- *General Council* has 18 elected members
- Members have 5-year term
- *Executive Council* has 7 members

MAIN GOVERNING BODY

EXECUTIVE COUNCIL





LEVELS OF WORKING

- Local
- Regional
- State
- National
- International



FOCUS

Economic, social and human resource development through:

- **Public participation**
- **Collaborative research**



AIMS AND OBJECTIVES

- Education, training, research, planning and development at various levels in Science and technology, agriculture, industry, health etc.
- Research and development on natural resources such as soil, water, air, forest, agriculture and conservation.
- Development of backward class, marginal land holders, agricultural labor and community below poverty line.
- Rural and urban planning



AIMS AND OBJECTIVES CONTD.

- Welfare work for women, youth, child and handicapped
- Provide guidance and services on charitable basis
- Grant financial assistance / scholarships to poor and needy people or institutes
- Environmental conservation and research
- Provide guidance and services on charitable basis



ACCREDITED BY...

- United Nation's Center for Human Settlement (UNCHS)
- UN-World Conference on Disaster Management (UN-WCDR)
- World Summit on Sustainable Development (WSSD)



ISDR:

- Facilitates capacity building programmes of UN & other research institutions
- Shares acquired knowledge with other NGOs, Volunteer Organizations and Local communities



ISDR collaborates with:

- World Water Forum (WWF)
- American Society for Environmental History (ASEH)
- Foreign Universities
- Research Organizations
- Grass-root Organizations



AREAS OF TRAINING

- Composting from Municipal waste
- Vermi-composting
- Aquaculture
- Poultry production
- Horticulture
- Income generation schemes for youth and womenfolk
- Sericulture
- Mushroom production, etc.



PARTNERS

- Open University Geological Society Mainland Europe (OUGSME)
- Commission on Ground Water Sea Water Interaction (CGSI)
- Muktainagar Taluka Educational Society, India (MTES)
- National Institute of Technology, Kurukshetra, India (NITK)



INTERNATIONAL PARTICIPATION

- Follow up action for Rio-summit (UNCHS)
- World Conference on Cities
- Second World Water Forum
- World Open Science Conference
- Youth World Water Forum
- International Year of Mountain 2002
- International Eco San Network
- Third World Water Forum



INTERNATIONAL ASSOCIATES

- Open University Geological Society Mainland Europe (OUGSME)
- International Human Dimension Program (IHDP), University of Bonn, Germany
- International Forum on Social Science policy nexus, Buenos Aires, Argentina
- International Social Science Congress, Sweden
- Open University, UK, Etc.

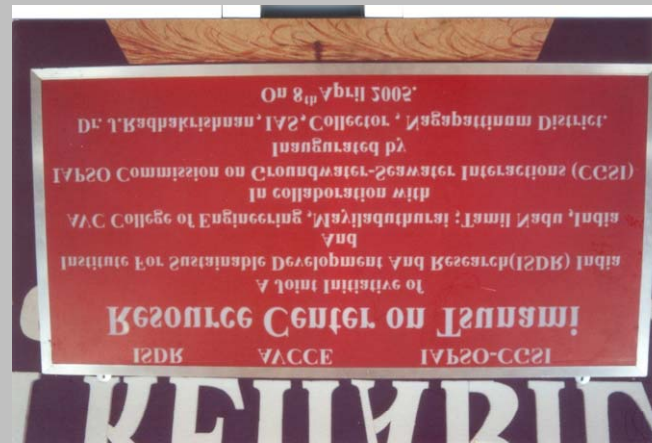
POST-TSUNAMI WORK

ISDR participated and organized relief program in Tamil Nadu, India, after December 2004 tsunami disaster.



POST-TSUNAMI WORK

It has also established *Tsunami Resource Center* at AVC College of Engineering, Mayiladuthurai, Tamil Nadu, India.



POST-TSUNAMI WORK

Workshop on *Disaster Management* at Govt. Polytechnic, Nagpur in collaboration with M S Board of Technical Education and G. P. Nagpur (February 28 – March 1, 2006)





NATIONAL WORKSHOP ON NATURAL DISASTER MANAGEMENT

Oct 14 – 17, NIT, KURUKSHETRA, INDIA





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SIGNING MoU WITH NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA, INDIA

Oct. 17, 2006





GLOBAL FORUM FOR GEO-DISASTER MANAGEMENT (GFDM)

GENESIS

It was sometime while working for post-tsunami relief work along with other NGOs in Tamil Nadu, India, in December 2004, that the concept of global concerted effort in disaster impact mitigation and management got conceived.



EXPERTISE

- Disasters are international problems.
- No single country is likely to build up expertise to deal with all types of natural disasters.
- Such expertise is, however, available on international level.



One of the most important aspects
of the disaster impact mitigation is

***the development of
skills and technical capacity building
within the country.***



GFDM OBJECTIVE

- To bring together, promote and urge institutions that would perpetuate the mitigation programs.
- To spread awareness and inculcate desirable response attitudes in public, especially in disaster-prone areas.

SOME DISASTERS IN RECENT PAST

- South Asian tsunami
- Cyclones in south East Asia
- Floods in Europe, South America, Asia
- Droughts in Asia, South Africa
- Earthquakes in Middle East, Pakistan, India
- Hurricane in USA, china, Taiwan, Caribbean islands
- Volcanoes and landslides in Italy, Hawaii



LOSSES DUE TO DISASTERS

Loss of Natural Resources

- Forests
- Live stocks
- Aquaculture
- Agriculture
- Water Resources

Economic loss

- Industry
- Communications
- Infrastructure

Human loss



DISASTER MANAGEMENT

4 R - DISASTER MANAGEMENT APPROACH

- Rescue
- Relief
- Rehabilitation
- Reconstruction



ISDR Initiative for Disaster Management

Collaboration with:

- CGSI / OUGS.
- AVCCE resource center on tsunami.
- NIT Kurukshetra.
- MSBTE-Govt. Polytechnic, Nagpur.
- MTES, Muktainagar.
- ISDR – NGO forum for Latur Earth Quake.
- UNESCO-MOST, Argentina.
- IHDP, University of Bonn.

GFDM INAUGURATED

GFDM was inaugurated in Mexico city, Mexico on March 17, 2006 during 4th World Water Forum





GFDM - MEMBERSHIP

- Govt. Institutions – on annual / life basis
- Inter governmental institutions – United Nations, European Union, International panel on climatic change
- Universities
- Research institutions
- NGOs – Status dependent subscription, such as developed countries, developing countries or least developing countries
- Individuals – Open admission



SUGGESTED ORGANIZATIONAL STRUCTURE

- Permanent office in India
- Regional offices in Asia, Europe, Africa, America, Pacific region
- National offices in Universities, Research institutions, National NGOs etc. showing willingness to host office and conduct related activities
- Local offices: NGOs, VOs, CBOs



FINANCIAL RESOURCE MOBILIZATION

- ✓ Membership fees
- ✓ Contribution from member institutions
- ✓ Government assistance
- ✓ Support from other NGOs



TRAINING ACTIVITIES

- Regular training programs are suggested at regional and local levels with the help of universities and NGOs.
- ISDR has already held a few training and awareness workshops on disaster management.



RECENT ACTIVITIES

Artificial Recharge of ground water

Geological Investigations

- Renovation & restoration of Water Bodies
- Adoption of appropriate methodology (cheap & eco-friendly)
- Rain water harvesting and recharge of Ground water



APPEAL

ISDR appeals to all like minded people to join hands to meet and mitigate disaster impact challenges through **GFDL**



I S D R



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Thank you !!

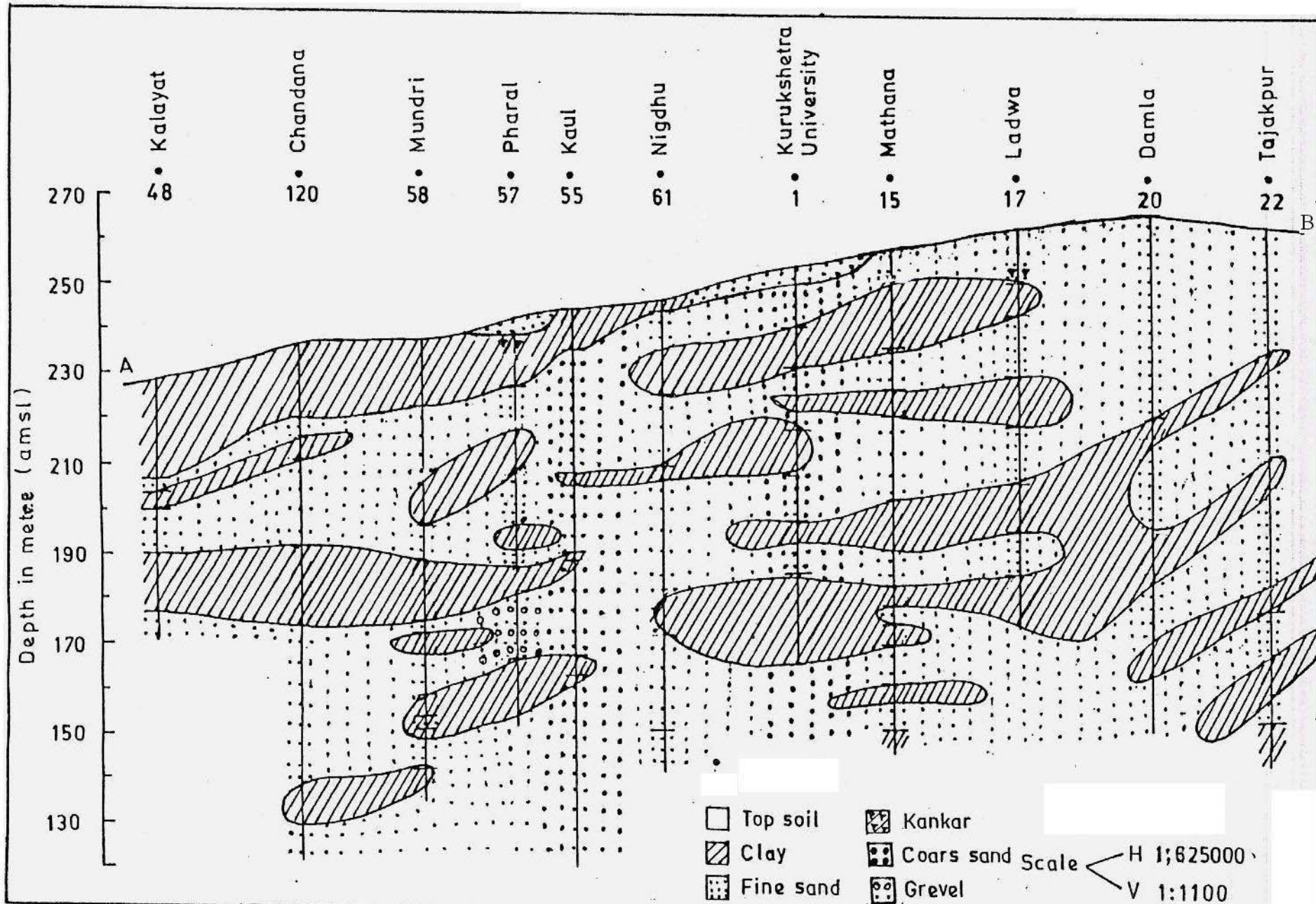


FIG.1 GEOLOGICAL CROSS-SECTION ALONG A B.