

**NATIONAL SEMINAR
ON
VULNERABILITY OF SUNDARBAN MANGROVE ECOSYSTEM
IN THE PERSPECTIVE OF GLOBAL CLIMATE CHANGE**

14-15 June, 2002

sponsored by
NATCOM PROJECT

**School of Oceanographic Studies
Jadavpur University, Kolkata - 700032**

The seminar was attended by the following important personalities:

Prof. A.N. Basu, Vice Chancellor, Jadavpur University
Prof. A.D. Mukherjee, Vice Chancellor, Vidyasagar University
Prof. A.P. Mitra, FRS, FNA
Padmashree Tusar Kanjilal, Tagore Society for Rural Development
Sri Manab Mukherjee, Minister for Environment & Information Technology, Govt. of West Bengal

Following eminent researchers deliberated on various relevant issues in Sundarbans in the context of climate change :

- 1.Prof. Anjali Mookerjee, Former Dean, School of Environmental Science, JNU:
"Climate Change and the Sundarbans"
- 2.Dr. Asish Ghosh, Former Director, ZSI, GOI:
"Climate Change and Threat to Biodiversity"
- 3.Dr. Goutam Sen, School of Oceanographic Studies, J.U:
" Climate Change and Coastal Impact "
- 4.Jyotirmoy Sarkar, Supdt. Er., EC, Irrigation & Waterways Deptt., Govt. of West Bengal.
"Vulnerability of Sundarban due to Recurrent Coastal Flooding "
- 5.Prof. U.K. De, Environment Science Programme, J.U:
"Changing Pattern of Thunderstorms over Sundarban"
- 6.Prof. Manju Banerjee, Department of Botany University of Kolkata:
"Impact of Global Climate Change on the Time Tested Sundarban Mangrove Ecosystem of Bengal Basin, India since Last 10,000 Years"
- 7.Sri Tapobrata Sanyal, Former Chief. Hydraulic Engineer, CPT:
"Failure of Embankments in the Sundarbans – A Case for use of Jute Geotextiles"
- 8.Dr. L.K. Banerjee, Botanical Survey of India:
"Natural Degradation of Mangroves in Sundarbans"
- 9.Dr. Rita Saha, CPCB, GOI:
"Assessment of Coastal Water Pollution in Sundarban"
- 10.Dr. Joydeep Mukherjee, Environmental Science Programme, J.U:
"The Sundarbans – a potential source of microorganisms producing novel bioactive compounds"
- 11.Dr. Neera Sen, Central Inland Capture Fisheries, Kolkata:

“Algal Bio-diversity of Sundarbans - A Repository Unexplored”

- 12.Sri Pranabes Sanyal, CCF, Member, National Coastal Authority:
“Sea-level rise leads to species migration in Sundarban”
- 13.Md. Amirul Islam, Project Leader, Surface Water Modelling Centre, Dhaka, B'desh
“Vulnerability of Sundarban Mangrove Ecosystem on the perspective of Global Climatic Changes”
- 14.Prof. Sugata Hazra, Director, School of Oceanographic Studies, JU:
“Impact of Sea Level Change in Sundarbans”
- 15.Prof. Subhas Santra, HOD, Environmental Sc., Kalyani University:
“Air Pollution Response to Plants of Mangrove Vegetation: Some Observations”

- 16.Dr. S.P. Gan Choudhury, Director, WBREDA:
“Problems and Prospects of Tidal & Biomass–Energy Generation in Sundarban”

- 17.Dr. K.R. Naskar, National Fellow, ICAR:
“The Threatened Plant Sundari (Heritiera fomes Buch. Ham.) in Indian Sundarbans - Possible Causes for its Threatened Condition”
- 18.Prof. R.N. Bhattacharya, HOD, Deptt; of Economics, Kalyani Univ.:
“Economics and Institutions for Sustainable Use of Sundarban”
- 19.Dr. Atanu Raha, Director, Sundarban Biosphere Reserve
“Forest Cover Changes of Sundarban”

- 20.Dr. Madhumita Mukherjee, Dy. Director, Deptt. of Fisheries, WB:
“The Threats on Sustainable Development of Fisheries in Sundarbans”
- 21.Dr. Jayasree Roy Chaudhury, Lady Brabourne College, Kolkata:
“Vulnerability with reference to Sundarban’s Population –some concepts & measurements”
- 22.Prof. Joyashree Roy, Economics Department, J.U.
“Modeling Sundarban Ecosystem for Ecological and Economic Value”
- 23.Sri Somenath Bhattacharya, Institute of Wetland Management:
“Study of Mangrove Zonation in Sundarban through remote sensing”
- 24.Anamitra Anurag Danda, RA, Centre for Environment and Development, Kolkata
“A critique to the development policy in the Sundarbans in the context of sustainable development”

- 25.Dr. Ajay Kumar Chakraborty
“The changing concept of health in Sundarban Delta”
- 26.Dr. Tuhindri Sen, Department of Pharmacy, JU:
“Clinical Activity of Some Medicinal Mangrove Plants in Sunderbans - in search for novel drug molecule”
- 27.Dr. Subhobrata Roy Choudhury, Secretary, Science Association of Bengal
“Micro-Entrepreneurship- The Best Way for Sustainable Economical Developments in Sundarban Bio-Sphere”