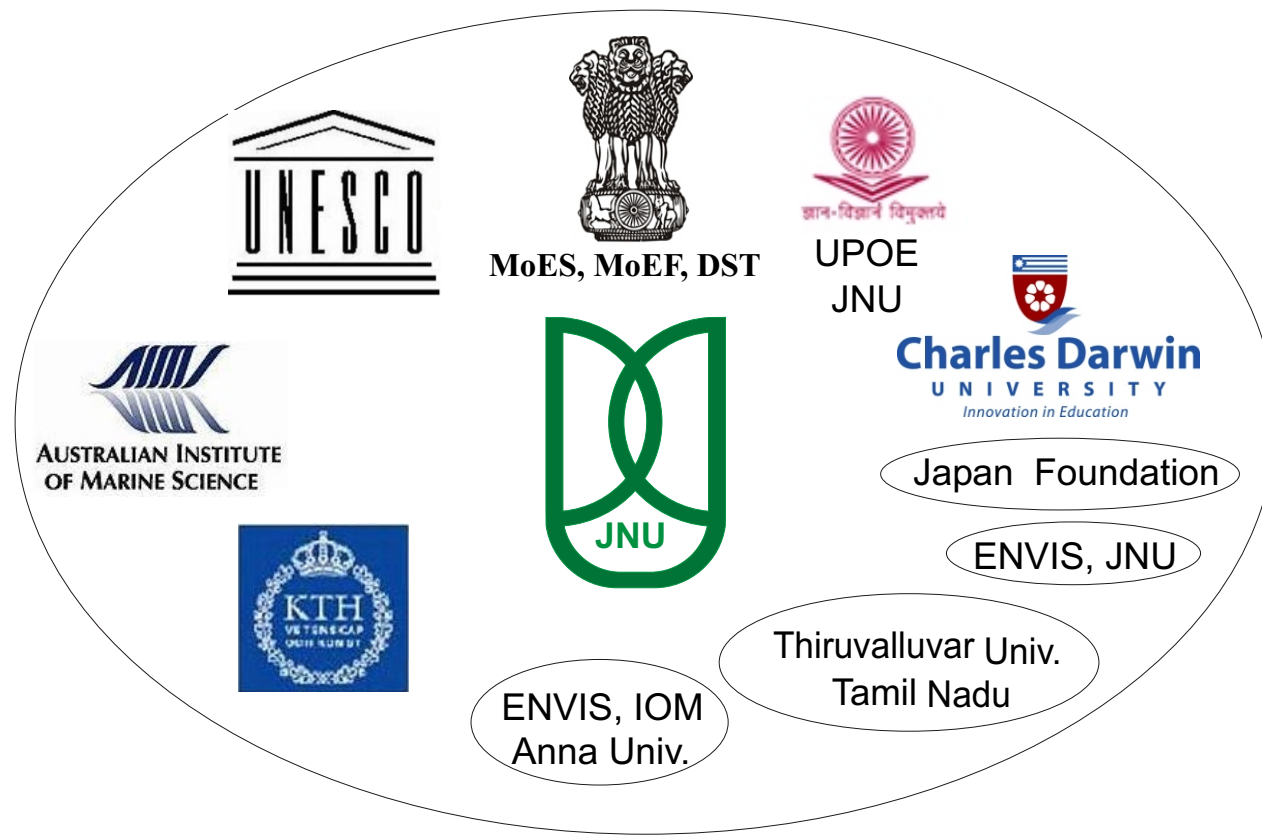


Coastal Zone Environment and Sustainable Development- Vulnerability, Adaptation and Beyond

12-14 February 2007

**School of Environmental Sciences, Jawaharlal Nehru University
New Delhi, India-110067**



Oral sessions

Venue:

School of Social Sciences-1 Auditorium

School of Social Sciences-1 Committee Room

School of Life Sciences Auditorium

Day 1		12.02.2007	Monday
8.30-9.15	Registration		SSS-1 Auditorium
9.30-11.00	Inaugration		SSS-1 Auditorium
11.00-11.30	Tea Break		SSS-1 Hall
11.30-1.30	Invited Talks		SSS-1 Auditorium
	Chair: L.Kannan		Co-Chair: D.S. Suresh babu
	Thorsten Dittmar	Pristine mangroves forests can be a significant source of nutrients and organic matter to the coastal ocean	Florida State University, Dept. of Oceanography, Tallahassee, USA
	R. Ramesh	Are coastal systems a source of Greenhouse gases?	Institute for Ocean Management Anna University, Chennai 600 025
	K. Kathiresan	Mangroves & Other Vegetation: Role on Coastal Zone Environment	Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai: 608 502, Tamil Nadu
	ALRamanathan, Rita Chauhan, Gurmeet Singh and Rajesh K. Ranjan and MBK Prasad	Nutrient Dynamics in Indian Mangrove Ecosystem : Case Studies from India	School of Environmental Sciences, Jawaharlal Nehru University
	O. Chudaev and V. Chudaeva	Geochemistry of thermal waters of the Kuril Islands (Russia) and their interaction with surrounding fresh and seawaters	Far East Geological Institute, Vladivostok, Russia Pacific Institute of Geography, Vladivostok, Russia
	Daniel M. Alongi	Status of the world mangrove forest	Australian Institute of Marine Sciences, Australia
1.30- 2.30	Lunch Break		SSS-1 Hall
2.30-3.30	Session 1	Climate Change and Coastal Ecosystem	SSS-1 Committee Room
	Chair: T.Dittmar		Co-Chair: C. Mahanata
2.30-2.45	A. Datta, K.R. Mahata and T.K. Adhya	Seasonal Variation in Methane Efflux from a Tropical Rice Field of Coastal Orissa	Crop Production Division, Central Rice Research Institute, Cuttack – 753006, India

2.45-3.00	Paramesh Nandy and M. Aminul Islam	Climate Resilient Coastal Zone Development in Bangladesh: Participatory Governance for Common Resources Management	PTU Division (Coastal Forest Research Division), Bangladesh Forest Research Institute, Rupatoli, Barisal 8200
3.00-3.15	S.k. Mukhopadhyay and T.K. Jana	Exchange of greenhouse gases and its impact at the land–ocean boundary condition of sundarbans mangroves, ne coast of bay of bengal, india	Central Salt & Marine Chemical Research Institute, G.B. Marg, Bhavnagar – 364002.
3.15-3.30	Prabin Paul and Vladimir Cvetkovic	The Need for Integrating High Resolution Hydrology-Hydrodynamic Model for Decision Support Systems and Management of Coastal Zones and Estuaries, under changing climate forcing.	Department of Land and Water Resources Engineering, Royal Institute of Technology (KTH), Brinellvägen 32, 100 44 Stockholm, Sweden
2.30-3.30 Parellal session 1 Management of the coastal zones SLS Auditorium			
Chair D. Chandrasekharam			Co-Chair: S.Chidambaram
2.30-2.45	Biswajit Nandi and Umme Kulsum Navera	State of the Art of Coastal Environment of Bangladesh for Future Risks	Department of Water Resources Engineering Faculty of Civil Engineering Bangladesh University of Engineering and Technology, Dhaka 1000, Bangladesh
2.45-3.00	Mohan Menon	Louisiana Comprehensive Coastal Protection and Restoration Master Plan	Shaw Environmental and Infrastructure, Inc. 4171 Essen lane, Baton Rouge, LA 70809, USA
3.00-3.15	Lal Wadhwa	Technological Solutions for a Sustainable Future	School of Enginee James Cook Universityring Townsville Queensland Australia
3.15-3.30	Jagbir Singh	Environmental Issues and Tourist’s Perception : The Great Barrier Reef –Australia: Cairns Region a case study	Deptt. of Geography, Swami Shraddhahand College, University of Delhi, Delhi, India
3.30-3.45 Tea Break SSS-1 Hall			
3.45-5.15 Session 2 Environmental monitoring of the coastal zones SSS-1 Committee Room			
Chair:: T.K.Adhya			Co-Chair: Ranjana. U.K. Piyadasa
3.45-4.00	A.F.Ashley, N.Swati, C.Rohini , D.Debjani, D.Chandrasekharam, and Saraswati, P.K.	Nickel, Lead, Zinc, Copper and Cadmium in soft tissue and shells of Meretrix sp. mussels and associated sediments along Mumbai coast.	Department of Earth Sciences, Indian Institute of Technology Bombay, Mumbai
4.00-4.15	M.W. Baksha	Increased Pest Incidences in Man-Made MangrovePlantations in Coastal Zone of Bangladesh	Forest Protection Division P.O. Box 273, Chittagong 4000 Bangladesh

4.15-4.30	A. Sukumar	The Relative Levels of Mercury and Selenium in the Seafood and Blood of Students from a West Coastal Town of South India.	Department of Zoology, Regional Institute of Education [National Council of Educational Research and Training], Mysore-570006, India
4.30-4.45	Ksh. Tomchou Singh and G. N. Nayak	Processes Controlling The Distribution Of Selected Metals In The Sediment Cores From The Mudflats of Mandovi Estuary, Central West Coast Of India	Department of Marine Sciences, Goa University, Goa-403206
4.45-5.00	R. Sridhar, T. Thangaradjou and L. Kannan	Comparative Investigation on Physico-Chemical Properties of the Two Different Marine Ecosystems (Coral Reef and Seagrass) of the Palk Bay	Centre of Advanced Study in Marine Biology Annamalai University, Parangipettai – 608502, Tamilnadu
5.00-5.15	Maloy Kumar Sahu, K. Sivakumar, T. Thangaradjou and L. Kannan	Assessment of microbial pollution in coastal waters of the Little Andaman Island	Centre of Advanced in Marine Biology, Annamalai University, Parangipettai – 608 502, Tamilnadu
3.45-5.15	Parallel Session 2	Status of Coastal Ground Water	SLS Auditorium
	Chair: R.Ramesh		Co-Chair: P.S. Khillare
3.45-4.00	Peter Wycisk, Christian Neumann, Wolfgang Gossel, Tilman Steinmetz	High-Flooding induced effects on regional groundwater contamination and implication of pathways to coastal zone of industrial mega sites of Germany	Institute of Geosciences, Hydro- and Environmental Geology, Martin Luther University, Halle (Saale) Germany
4.00-4.15	H.A.Dharmagunawardhane	Spatial Variation Of Some Groundwater Quality Parameters in a Highly Vulnerable Coastal Aquifer in the West Coast of Sri Lanka: A Hydro Chemical and Geo Physical Approach	Department of Geology, University of Peradeniya, Sri Lanka
4.15-4.30	Jochen Bundschuh and M.E. García	Numerical modeling for assessing the contamination hazard for deep aquifers in coastal areas caused by their exploitation	International Technical Cooperation Program, CIM (GTZ/BA), Frankfurt, Germany - Instituto Costarricense de Electricidad (ICE), UEN, PySA, Apartado Postal 10032, 1000 San José, Costa Rica
4.30-4.45	BA Prakash, Nagabhushanam P. and VVS Gurunadha Rao & Ch. Vijayabhaskar Reddy	$^{18}\text{O}/^{16}\text{O}$ Ratios of Groundwater in Godavari Delta, Andhra Pradesh	Environmental Hydrology Group National Geophysical Research Institute, Hyderabad – 500 007
4.45-5.00	L. Asa Rani and D.S.Suresh Babu	Hydrochemical characterisation of the coastal aquifer between Kollamcode and Kanyakumari, Tamil Nadu, India	Geosciences Division, Centre for Earth Science Studies, Akkulam, Thiruvananthapuram-695031
5.00-5.15	V.A. Chudaeva, O.V. Chudaev and S.G. Yurchenko	The composition of ground waters of Muraviov-Amursky peninsula, Primorye, Russia	Pacific Institute of Geography. FEB Russian Academy of Sciences. Vladivostok, Russia

5.45-7.15	Cultural Evening		SSS-1 Auditorium
7.30-9.30	Dinner		Aravali International Guest House
Day-2	13-02-2007		Tuesday
9.30-11.00	Session 3	Coastal Zones-Tsunami prospectives	SLS Auditorium
	Chair: Bhanu Neupane		Co-Chair: H.A.Dharmagunawardhane
9.30-9.45	L. P. Jayatissa and F. Dahdouh-Gueabas	Preliminary investigation on the suitability of Casuarina plantations on sandy shores as bioshields against tsunami	Department of Botany, University of Ruhuna, Matara, Sri Lanka; Laboratory of General Botany and Nature Management, Mangrove Management Group, Faculty of Sciences, Vrije Universiteit Brussel, Pleinlaan 2, B-1050 Brussels, Belgium
9.45-10.00	Rajesh Kumar Ranjan and AL. Ramanathan	Effect of Tsunami on heavy metal fractionation in sediment of Pichavaram mangrove Ecosystem, South-East Coast of India.	School of Environmental Sciences, Jawaharlal nehru university
10.00-10.15	C. Sivakumar and L. Elango	Impact of Tsunami on groundwater quality in Kalpakkam coast, Southern India	Department of Geology, Anna University, Chennai –600 025, India
10.15-10.30	P. Seralathan, S.R. Singarasubramaian and Biju Longinose	Dec. 26, 2004 Tsunami impact on coastal wetlands between Vellar and Coleroon Rivers, Tamil Nadu	Department of Marine Geology and Geophysics, Cochin University of Science and Technology, Kochi – 682 016, Kerala
10.30-10.45	Nibedita Mukherjee	Bioshields and Ecological Restoration in Tsunami affected areas in India	Coastal and Marine Division, Ashoka Trust for Research in Ecology and Environment, Bangalore-560024
10.45-11.00	S.R.Singarasubramanian	Study On the Tsunamigenic Sediments in Certain Parts of Central Tamilnadu, East Coast of India	Department of Earth Sciences, Annamalai University, Annamalainagar-608 002, Tamilnadu
9.30-11.00	Parellal Session 3	Management of the coastal zones	SSS-1 Committee Room
	Chair:M Prithiviraj		Co-Chair: AL.Ramanathan
9.30-9.45	Shital Lodhia	Managing saline coastal ecosystem through Community Participation Approach: A Case Study of Mangrol taluka in Gujarat	Centre for Development Alternatives ,E/71 Akash Nr. Judge's Bungalow, Bodakdev, Ahemdabad 380054
9.45-10.00	C.N. Pandey and Dishant Parasharya	Status, Conservation and Management of Coral reefs in Gulf of Kachchh – India	Gujarat Ecological Education and Research (GEER) Foundation, Indroda Nature Park, Gandhinagar – 382 007 INDIA
10.00-10.15	Ramakrishna Nallathiga	Vulnerability of Indian Coastal Zone	Centre For Good Governance Dr. MCR HRD IAP Campus Road No. 25, Jubilee Hills

			Hyderabad - 500 033 (AP)
10.15-10.30	K. Rajani Priya, K. Santhi Kiran, Ugyen Pema	Role of Sand Dunes and Mangroves in the Mitigation of Coastal Hazards With Reference to December 26, 2004 Tsunami	Department of Geology, Osmania University, Hyderabad
10.30-10.45	Sriranjini Sivasubramanian	The Impact of Shrimp Farming On the Indian Coastal Regulatory Zone and Sustainable Development	Department of Human Rights and Duties Education, Ethiraj College for Women, Chennai
10.45-11.00	Som Mohanty	Tracking Environmental Processes in the Coastal Zone for Understanding and Predicting Oregon Coho (Oncorhynchus Kisutch) Marine Survival	2nd Year B.Tech, Dept. Of Biotechnology, Al-Ameer College Of Engg & It,Jntu,Hyderabad
11.00-11.30	Tea Break		SSS-1 Hall
11.30-1.00	Session 4	Ecological Monitoring of the coastal zones	SLS Auditorium
	Chair: Gunar Jacks		Co-Chair: Chris Austin
11.30-11.45	Sanjay Shukla	Using Stormwater Impoundment as an Alternative Source of Water Supply in the Caloosahatchee River Watershed	Water Resources, Agricultural and Biological Engineering Department, Univeristy of Florida 2686 SR 29 N Immokalee
11.45-12.00	J. Noble, C. Ravichandran, Md. Arzoo1 and S.V. Navada	Occurance of Mudbanks in Kerala Coast, India - Insight from a Radon Monitoring Study	Isotope Hydrology Section, Isotope Applications Division, Bhabha Atomic Research Centre, Trombay, Mumbai – 400 085, India
12.00-12.15	Rita Chauhan, T.K. Adhya and A.L. Ramanathan	Seasonal Dynamics of CH ₄ and N ₂ O Emission Flux from Mangrove Sediments of Eastern Orissa	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi
12.15-12.30	C.Govindasamy And L.Kannan	Biological monitoring of trace metal pollution using Seaweeds as a tool	Department of Zoology, Thiruvalluvar University, Fort Campus, Vellore – 632 004, Tamil Nadu, INDIA.
12.30-12.45	Gurmeet Singh, Al. Ramanathan, S.C. Santra, R. Chauhan, and R. K. Ranjan	Effect of vegetation pattern on phosphorus fractionation in Lothian Island, Sundarban, India	School of Environmental sciences, Jawaharlal Nehru University, New Delhi, India-110067
12.45-1.00	Vinoth S. Ravindran, T. Thangaradjou, L. Kannan and S. Ajmal Khan	Physico-chemical and sediment characteristics of the different marine locations of the Great Nicoabr island	Centre of Advanced Study in Marine Biology Annamalai University, Parangipettai – 608502, Tamilnadu
11.30-1.00	Parellal Session 4	Ecological aspects of the coastal Zones	SSS-1 Committee Room

Chair: O.V. Chudaeva

Co-Chair: L.P Jayatissa

11.30-11.45	Chris Austin	Biodiversity and Biotechnology – An aquatic perspective.	Charls Darwin University, Australia
11.45-12.00	E.I.L. Silva, T. Ariyananada and S. Senanayake	Evaluation of habitat heterogeneity, resource exploitation and functional resource units in Mundel division, NW coast of Sri Lanka: a novel approach of coastal zone management	Institute of Fundamental Studies Hantana Rd, Kandy, Sri Lanka, Lanka Rain Water Harvesting Forum, 28/3A, Subdrarama Lane, Nugegoda, Sri Lanka
12.00-12.15	Punarbasu Chaudhuri	Wise use of Mangrove: Application of Ecosystem Services in enhancing Ecological Footprint for sustainability of human wellbeing and Participatory Eco-restoration of degrading Mangrove forest of Indian Sundarban	University of Calcutta, 33, Vidyasagar Road, Calcutta-700065
12.15-12.30	Surajit Das, P. S. Lyla and S. Ajmal Khan	Microbial Resources of the Mangrove and Vellar Estuary, South East Coast of India	Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai- 608 502, Tamil Nadu
12.30-12.45	N. Rajeshwara Rao, V. Vasanthamohan and P. Periakali	Ecology of Pichavaram Mangroves – A Foraminiferal Perspective	Department of Applied Geology, School of Earth & Atmospheric Sciences, University of Madras, Guindy Campus, Chennai 600 025,
12.45-1.00	S.Chakraborty and S.C.Santra	Diversity of Mangrove Algae in Sunderban: A Potential Resource to be Conserved	N.V.Patel College of Pure and Applied Sciences, V.V. Nagar, Gujarat-388120, India

1.00-2.00 Lunch Break

SSS-1 Hall

2.00-3.30 Session 5

Coastal zones-Tsunami prospectives

SLS Auditorium

Chair: Bhoop singh

Co-Chair: Nisha Mendiratta

2.00-2.15	Ranjana. U.K. Piyadasa, .D.N.Weerasinghe, Janitha. A. Liyanage, L.M.J.R. Wijayawardhane, D. S. E. Kumara, H.K.C.S.Lakmal	Groundwater quality assessment of a Tsunami affected coastal aquifer in Southern Sri Lanka	Dept. of Geography, University of Colombo, Colombo, Sri Lanka
2.15-2.30	S. Chidambaram, M.V. Prasanna, K. Srinivasamoorthy, P. Anandhan, and A. John Peter	Characterization of groundwater in the Tsunami affected coastal areas of Tamilnadu – A case study	Department of Earth Sciences, Annamalai University, Annamalai Nagar-608 002.
2.30-2.45	V. Nandakumar	Impact of the tsunami on the east coast of sri lanka.	University of Peradeniya, Peradeniya, Sri Lanka
2.45-3.00	K. Sivachandrabose, L. Kannan, K. Balachandar and V. Indra	Impact of tsunami on microbial quality of water and sediments and physico-chemical parameters of the coastal waters of chennai, Bay of Bengal, India	Department of Zoology, Thiruvalluvar University, Fort Campus, Vellore – 4

3.00-3.15	M. Murugan, M. Srinivasan and L. Kannan	Impact of tsunami on agricultural lands in Cuddalore area (Tamilnadu, Southeast coast of India)	CAS in Marine Biology, Annamalai University, Annamalai Nagar-608 002.
3.15-3.30	L.P. Jayatissa and S. Hettiarach	Are all the mangroves equally important in mitigating the impact of tsunami?	Department of Botany, University of Ruhuna, Matara, Sri Lanka
2.00-3.30	Session 6	Ecological monitoring of the coastal zones	SLS Auditorium
Chair: S.K.Varshney		Co-Chair: Sunil Kumar Srivastava	
2.00-2.15	Dilip Dutta	Management of Sundarban mangroves, Bangladesh	Dept. of Env. Sciences, Khulna University, Bangladesh
2.15-2.30	P. Seralathan, S.R. Singarasubramaian. and Biju Longinose	Dec. 26, 2004 Tsunami impact on coastal wetlands between Vellar and Coleroon Rivers, Tamil Nadu	Department of Marine Geology and Geophysics, Cochin University of Science and Technology, Kochi – 682 016, Kerala
2.30-2.45	Sunil Kumar Srivastava and AL. Ramanathan	Aquifer Vulnerability Assessment Using The Drastic Model In Landfill Sites – An Approach To Manage Aquifers Including Coastal City Aquifers of India	Department of Civil and Environmental Engineering, Delhi College of Engineering, Bawana Road, New Delhi, 110042, India
2.45-3.00	S.Suresh and F.Lawrence	Lumped Model Approach for Groundwater Balance Studies in Coastal Aquifers of Southern part of Chennai Metropolitan Area, Tamil Nadu	Department of Geology Presidency College, Chennai-600 005
3.00-3.15	Nafisa Barot, Laxman Vala and Jignesh Jadav	Sea Water intrusion and Disasters: Livelihood resilience and Adaptation by communities in Shaurastra Coast of Gujarat	Executive Director, Utthan Trust, 36 Chittrakut Twins, Vastrapur , Ahmedabad, Gujarat -380015
3.15-3.30	Bhavani Gante	Impact Of Reduced Fresh Water Flow And River Interlinking On Ecology Of Coastal Environment	AI -Ameer College Of Engineering and Information Technology, Gudilova. Visakhapatnam
3.30-3.45	Tea Break		SSS-1 Hall
3.45-5.30	Parallel Session 5	Use of Remote sensing and GIS Techeniques in coastal zones'	SSS-1 Committee Room
Chair: S. Mukherjee		Co-Chair: Anshumali	
3.45-4.00	K.S. Arunkumar, Sabu Joseph and K.P.Thrivikramaji	Inventory of Landform and Shoreline Changes, Thiruvananthapuram Coast, SouthWestern India – A Remote Sensing Approach	Dept. of Environmental Sciences, Univ. of Kerala Kariavattom 695 581

4.00-4.15	K.L. Narasimha Rao	Status Report On Indian Fisheries and Role of Remote Sensing	Dept. of Geology S.V. University, Tirupati-517 502 India
4.15-4.30	P .Rama Chandra Prasad, S.Narendra Prasad, Chiranjibi Patnaik and C.B.S.Dutt	Analysis of spatial and temporal changes along Mumbai coast using Remote sensing and GIS	National Collateral Management Services Limited No.213-214, D.No: 6-3-650, Maheswari Chambers, Somajiguda, Hyderabad – 500082
4.30-4.45	Sunitha K. Swamy	Role Of Information Communication Technologies In Coastal Zone Management	Anna University, Chennai, Tamil Nadu
4.45-5.00	Kaviphone Phouthavongs, Chanthone Photitay and Somboun Chanliya	The use of information technology application for fisheries management in Lao PDR : Geographical Information Systems in practices	Chief of Data and Information Unit, Living Aquatic Resources Research Center, Vientiane Lao PDR
5.00-5.15	Zahoor Novman	The Use of Geographic Information Systems for Coastal Zone Management	Department Of Biotechnology, Al-Ameer College Of Enggineering & Information Technology, Gudilova, Anandapuram, Visakhapatnam-531173, Andhra Pradesh
5.15-5.30	M.V.Prasanna, S. Chidambaram, K. Srinivasamoorthy, P. Anandhan, and A.John Peter	Impact of Coastal groundwater in Gadilam Lower Sub Basin of Cuddalore District, Tamilnadu, India	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India-110067

3.45-5.30	Parellal Session 6	Status of Costal ground water	SSS-1 Committee Room
	Chair: J.Bundschuh		Co-Chair: S.K.Singh
3.45-4.00	Karoliina Saarniaho, Vladimir Cvetcovic, AL. Ramnathan, Prosun Bhattacharya	Assessing the Impact of Groundwater Salinity Increase Caused by the 2004 Indian Ocean Tsunami Wave – Case Study in Tamil Nadu, India	Department of Remote Sensing and GIS North Orissa University Takatpur, Baripada-757003 Orissa
4.00-4.15	Gunnar Jacks, Unnikrishnan Warrier and Estifanis Haile	Hydrochemistry of the Kerala Coastal aquifers	Gunnar Jacks, Dept. of Land and Water Resources, KTH. SE-100 44 Stockholm, Sweden Unnikrishnan Warrier, CWRDM, Kozhikode, Kerala, India
4.15-4.30	Abhijit Mukherjee and Alan E. Fryar	Regional Groundwater Dynamics and Hydrochemical Evolution in the Coastal Areas of Western Bengal Basin, India	Bureau of Economic Geology, University of Texas, Austin, TX 78758, USA
4.30-4.45	A.K. Keshari and Ch. Malini	Groundwater vulnerability and its management for sustainable development in the Nellore Coast, A.P., India	Department of Civil Engineering, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi 110016, India
4.45-5.00	D. Senthil Nathan, .Sivamurthy Reddy, B. Ramakrishna and	Status of Arsenic in groundwater in Pondicherry region	Department of Earth Science, Pondicherry University, Pondicherry, 605014

	Dr.S.Govindaradjane		
5.00-5.15	Gurunadha Rao	Assessment of Groundwater Conditions in Mettupalayam Industrial Estate and Environs, Pondicherry	Environmental Hydrology Group National Geophysical Research Institute, Hyderabad – 500 007
5.15-5.30	A. C. Samal and S. C. Santra	Status of Groundwater Arsenic in Gangetic delta of West Bengal: A case study	Department of Environmental Science University of Kalyani, Nadia, West Bengal, India
Day-3		14/02/2007	Wednesday
9.30-11.00	Session 7	Ecological monitoring of the coastal zones	SLS Auditorium
Chair: Prof V. Subramanian		Co-Chair: VVS Gurunadha Rao	
9.30-9.45	C. Mahanta and N. Pathak	C-N-P Flux to the Bay of Bengal from the Brahmaputra-Ganges and Coastal Ecosystem Sustainability	Department of Civil Engineering, Indian Institute of Technology-Guwahati
9-45-10.00	Josia Jacoba, K.K.Balachandran, N. Chandramohanakumar, T.V. Raveendrana Thresiamma Josepha, Maheswari Naira, C.T. Achuthankuttya	Phosphorus Speciation Studies in the Sediments of the Western Continental Shelf of India	National Institute of Oceanography, Regional Centre, Kochi-682 018, India
10.00-10.15	Varsha D. Raikar	Short- term uptake studies of ammonium and urea in some macroalgal species from a coral atoll using ¹⁵ N isotope measurements.	H. No. 949, Kamakshi Prasad, Karabhat Chodan, Tiswadi Goa 403102
10.15-10.30	M. Bala Krishna Prasad, AL. Ramanathan, D.M. Alongi	Microbial Nutrient Mineralization Processes in the Pichavaram Mangrove Ecosystem, India	Special Centre for Integrated Studies, University of Hyderabad, Hyderabad-500046, India
10.30-10.45	Sachin Sharma and AL. ramanathan	Phosphorus fractionation in sediments of Coral reef region of gulf of mannar islands And palk bay.,SE coast of india	SES, JNU
10.45-11.00	K Balakrishna, Harish Poojary and Gopal Mugeraya	Spatial and temporal variations in the chemistry of Nethravati River and its impact on coastal zone environment, Southwest coast of India	Department of Chemical Engineering National Institute of Technology Karnataka, Surathkal Srinivasnagar, Mangalore 575025, INDIA

11.00-11.15		Tea Break	SLS
11.15-11.30		Session 8 Ecohydrology and water quality of the coastal zones	SLS Auditorium
		Chair: K.Kathireasan	Co-Chair: Mohan Menon
11.30-11.45	Pranabes Sanyal	Effect of Climate change on the mangal disposition of the Sundarban coast of W.Bengal	Member National Coastal Zone Management Authority, School of oceanographic Studies, Jadavpur University, Kolkata - 700032
11.45-12.00	Inderdeep Kaur and Simrat Kaur	Biology of Fucoids in Intertidal Habitat: Stress and Survival	Sri Guru Tegh Bahadur Khalsa College University of Delhi, Delhi-110 007, India
12.00-12.15	Indra.V, R.Ramanibai, K.Sivachandrabose and L.Kannan	Dynamics Of Heavy Metal Pollution In The Sediments Of Chennai Coast, Tamil Nadu	Department of Zoology, Thiruvalluvar University, Fort Campus, Vellore 632 004. Department of Zoology, University of Madras, Guindy Campus, Chennai 600 025.
12.15-12.30	R. Jeyabaskaran and K. Venkataraman	Tsunami Provoked Recent Changes in Coral Reef Communities of Andaman and Nicobar Islands, India	National Coral Reef Research Institute, Zoological Survey of India, Haddo P.O. Port Blair- 744 102, Andaman, India
12.30-12.45	Mahmood Hossain, Saberi Othman, Misri Kusnan and Japar Sidik Bujang	Micro-nutrients (Cu, Fe and Zn) in different components of Bruguiera parviflora (Wight and Arnold) seedlings, saplings and trees	Forestry and Wood Technology Discipline Khulna University, Khulna -9208, Bangladesh
12.45-1.00	R. Gopakumar	Hydrology of the Vembanad Wetland System	Centre for Water Resources Development and Management, Calicut-673571, Kerala, India
1.00-1.15	Kennedy Obiero and Haushila Prasad	Tourism In The Coastal Regions: A Case Study Of the Kenya Coast	Department of Geography Kenyatta University, Nairobi,KENYA
1.15-2.00		Lunch	SSS-1 Hall
2.00-3.30		Discussions	SLS Auditorium
3.30-3.45		Tea	SLS
3.45-5.00		Valedictory	SLS Auditorium

Poster session

Venue:

School of Social Sciences-1

Poster Sessions

P-1	C. Chatterjee V. Subramanian and S. Venkatesan	Nature of organic matter and flux in Godavari Estuary	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi - 110 067
P-2	J.K. Tripathy	Hydrochemical Evolution of Groundwater along the Coastal Tract of South Orissa, East Coast of India	Envirosolutions, Center for Earth Research and Environment Management, Elemkulam Road, Near Asan Square, Cochin 17, India, 682017
P-3	S. Deepti	Climatic Change And Sea Level Rise	Plot No 26, Sector No 8, Near Ttd Kalyanmandapam,Mvp Colony, Vishakhapatnam, Andhra Pradesh
P-4	A. N. Balchand	The Ocean part of Coastal Zone: Good Practices for Sustainable Development	Department of Physical Oceanography, CUSAT, Cochin 682 016, Kerala, INDIA.
P-5	Anand Shukla Shruti Kwatra and Sheel Kumar	A Threat of Bio-terrorism: In South East Asian Coastal Region	KIMS Medical College, Amalapuram , Andhrapradesh India, Ex-Lady Harding Medical College, New Delhi-1
P-6	Anand Shukla Shruti Kwatra and Sheel Kumar	A Threat of Bio-terrorism: In South East Asian Coastal Region	KIMS Medical College, Amalapuram , Andhrapradesh India, Ex-Lady Harding Medical College, New Delhi-1
P-7	Anbu Kumar and Amit Kumar Shrivastava	Agrichemical Contamination of coastal Groundwater	KTH Sweden
P-8	Anbu Kumar and Amit Kumar Shrivastava	Agrichemical Contamination of coastal Groundwater	Department of Civil and Environmental Engineering, Delhi College of Engineering, Bawana Road, New Delhi, 110042, India
P-9	B.R. Manjunatha	Water Quality and management problems from the Southern-West Coast of India	Department of Marine Geology, Mangalore University, Mangalore-574 199, India
P-10	C.N. Pandey, Dishant Parasharya	Status of Bonellia with reference to coral reef habitat in Gulf of Kachchh – Gujarat	Gujarat Ecological Education and Research (GEER) Foundation, Gujarat, Gandhinagar – 382 007 INDIA
P-11	Farhad Lashgarara	Agricultural Education for Sustainable Development: Today's Need, Tomorrow's Bullion	Ph.D student of Agricultural Extension and Education, Islamic Azad University, Science & Research Branch, Tehran ,Iran

P-12	Harvider Singh	Tourism Development Strategy For Tsunami Affected Andaman And Nicobar Islands	Lecturer In Geography, Government College , Bholath, Distt. Kapurthala
P-13	Hemantha Dassanayake and H.M.S. Herath Menike	The effects of coastal aquaculture and other land use practices on the quality of ground water resources and their suitability for different uses in Kalpitiya Peninsula, Sri Lanka	Department of Environmental Science, University of Technology Sydney, (UTS) Australia
P-14	Indra*.V, R.Ramanibai , K.Sivachandrabose, and L.Kannan	Dynamics Of Plankton Diversity In The Chennai Coast, Tamil Nadu	Department of Zoology, Thiruvalluvar University, Fort Campus, Vellore 632 004. Department of Zoology, University of Madras, Guindy Campus, Chennai 600 025.
P-15	Inom Normatov and Georgy Petrov	Development of the system of information support of acceptance of interstate agreements on use of water-power resources of the rivers of Central Asia (on example of Syr-Darya river basin	Institute of Water problems, Hydropower and Ecology Academy of Sciences Republic of Tajikistan,
P-16	J.S Paimpillil1 and K.K. Balakrishnan2	Ground water fluxes to inter-tidal regions and its impacts on coastal primary production	Department of Earth Sciences, Annamalai University, Annamalai Nagar-608 002
P-17	J.S. Chandrashekar	Conflicts Of Coastal Zone Regulation Policies: An Indian Context	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi-110067
P-18	Jyotiraj Patra	Bridging the Gaps: Communication for building Social-ecological Resilience to Coastal Disasters in India	Oxford University Centre for the Environment, University of Oxford, South Parks Road, Oxford, OX1 3QY, England.
P-19	Kamna Sachdeva and S. Chubamenla Jamir	Climate Change And Coastal Zone Rules And Regulations – Now And Then (The Indian Scenario)	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India.
P-20	Mahmood Hossain, Saberi Othman, Misri Kusnan and Japar Sidik Bujang	Micro-nutrients (Cu, Fe and Zn) in different components of Bruguiera parviflora (Wight and Arnold) seedlings, saplings and trees	Forestry and Wood Technology Discipline Khulna University, Khulna -9208, Bangladesh

P-21	Prasanna M.V., Chidambaram S., Srinivasamoorthy K., Anandhan P., and John Peter A	Impact of Coastal groundwater in Gadilam Lower Sub Basin of Cuddalore District, Tamilnadu, India	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India-110067
P-22	R. Arthur James and A. Rajendran	Thermal Pollution in Coastal Waters	Department of Marine Science Bharathidasan University Tiruchirapalli – 620 024 Tamil Nadu
P-23	Rajarshi Mitra and Sugata Hazra	Sustainability Assessment as a tool of Coastal Zone Management :A Study at the East Coast of India	Rajarshi Mitra School of Oceanographic Studies, Jadavpur University, Kolkata – 700032, India
P-24	Rao S. Divi	GIS and Probabilistic Modeling for Groundwater Pollution Hazard Prediction – Methodology and Case Studies.	Department of Earth & Environmental Sciences Kuwait University
P-25	Rysbekov Yusup Khai	Creation of System "Delta-Sea" as a basis of ecosystem approach to the management of Large Aral Sea's coastal zone	Scientific-Information Center of Interstate Coordination Water Commission (SIC ICWC) of Central Asia ¹¹ , Karasu-4, Tashkent, 700187, Republic of Uzbekistan
P-26	S. K. Mandal	Impacts of anthropological activities on Marine phytoplankton at the coastal area of Alang ship breaking yard, Alang, India	¹ Laboratory of Planktology, Tokyo University of Marine Science and Technology, 5-7 Konan 4, Minato-ku, Tokyo 108-477, Japan.
P-27	S.K. Mandal, M. Tanaka, K. Takahashi and T. Ishimaru	Arsenic absorbance by two Cyanobacterial species, isolated from surroundings of Tokyo bay, Japan	¹ Laboratory of Planktology, Tokyo University of Marine Science and Technology, 5-7 Konan 4, Minato-ku, Tokyo 108-8477, Japan
P-28	Satinder Kaur	Environmental Impact of Tourism in Coastal Areas of India	Senior Lecturer in geography, S.R. Govt. College For Women , Amritsar
P-29	Satinder kaur	A Review of the Legislative Framework for Controlling Pollution in Coastal India	S.R.Govt. College for woman, Amritsar

P-30	Sayed Sharaf	The impact of the extension of Alexandria Coastal road on the transformation of material of the nearshore marine environment	National Institute of Oceanography & Fisheries (NIOF), Kayet Bay , Alexandria, Egypt
P-31	Shafique A. Junejo and M. Tahir Shah	Environmental impacts of out fall drains on soil of Badin area,Sindh, Pakistan	Department of Geography, university of Sindh Jamshoro
P-32	Shafique A. Junejo, M.Rafique Dhanani and M. Tahir Shah	Environmental impact of LBOD on Coastal areas of Sindh, Pakistan	Department of Geography, University of Sindh Jamshoro
P-33	Som Mohanty	Spatial Scale in Coastal Zone Management: Current Approaches, Challenges and Possibilities	2nd Year B.Tech, Dept. Of Biotechnology, Al-Ameer College Of Engg & It,Jntu,Hyderabad
P-34	Srinivasamoorthy K, Chidambaram S, Ramanathan AL, Anandhan P, Prasanna MV and John Peter	Geochemical characteristic of Veeranam Lake, TamilNadu, India: constrains on weathering and anthropogenic impact	Department of Earth Sciences, Annamalai University, Annamalai Nagar-608 002.
P-35	Sukristijono Sukardjo	Sustainable mangroves management (SMM) in Indonesia: A view from a mangrove ecologist for evaluating policies and institutional arrangements at different levels relating to use of mangrove forests	The Centre for Oceanological Research and Development, Indonesian Institute of Sciences, Jl. Pasir Putih 1 Ancol Timur, P.O.Box 4801/JKTF, Jakarta 11048, Indonesia
P-36	Swati Shriniwas Shinde	Environmental vulnerability of an emerging metropolis: case study of Mumbai- A coastal metropolis city, India	Environment and Sustainable Development ,Development Planning Unit,University College of London
P-37	Szlafsztein, Claudio	Natural Hazards and Sea Level Rise Adaptation Policy: The Coastal Zone of the Amazon Region, Brazil	Department of Geology, Center of Geosciences, University Federal of Pará,Campus Universitário do Guamá, 66075-110, Belém-PA, Brasil
P-38	Y.Somu Naidu, C.Subba Rao, NVBSS Prasad	Contaminant Transport Model Of Three Industrial Sites Of Visakhaptnam City	Visakhaptnam

Chairs and Co-Chairs

Oral sessions

11.30-1.30		Invited Talks	SSS-1 Auditorium
	Chair: L.Kannan		Co-Chair: D.S. Suresh babu
2.30-3.30	Session 1	Climate Change and Coastal Ecosystem	SSS-1 Committee Room
	Chair: T.Dittmar		Co-Chair: C. Mahanata
2.30-3.30	Parellal session 1	Management of the coastal zones	SLS Auditorium
	Chair D. Chandrasekharam		Co-Chair: S.Chidambaram
3.45-5.15	Session 2	Environmental monitoring of the coastal zones	SSS-1 Committee Room
	Chair:: T.K.Adhya		Co-Chair: Ranjana. U.K. Piyadasa
3.45-5.15	Parallel Session 2	Status of Coastal Ground Water	SLS Auditorium
	Chair: R.Ramesh		Co-Chair: P.S. Khillare
9.30-11.00	Session 3	Coastal Zones-Tsunami prospectives	SLS Auditorium
	Chair: Bhanu Neupane		Co-Chair: H.A.Dharmagunawardhane
9.30-11.00	Parellal Session 3	Management of the caostal zones	SSS-1 Committee Room
	Chair:M Prithiviraj		Co-Chair: AL.Ramanathan
11.30-1.00	Session 4	Ecological Monitoring of the coastal zones	SLS Auditorium
	Chair: Gunar Jacks		Co-Chair: Chris Austin
11.30-1.00	Parellal Session 4	Ecological aspects of the coastal Zones	SSS-1 Committee Room
	Chair: O.V. Chudaeva		Co-Chair: L.P Jayatissa
2.00-3.30	Session 5	Coastal zones-Tsunemi prospectives	SLS Auditorium
	Chair: Bhoop singh		Co-Chair: Nisha Mendiratta
2.00-3.30	Session 6	Ecological monitoring of the coastal zones	SLS Auditorium
	Chair: S.K.Varshney		Co-Chair: Sunil Kumar Srivastava
3.45-5.30	Parellal Session 5	Use of Remote sensing and GIS Techeniques in coastal zones	SSS-1 Committee Room
	Chair: S. Mukherjee		Co-Chair: Anshumali
3.45-5.30	Parellal Session 6	Status of Costal ground water	SSS-1 Committee Room
	Chair: J.Bundschuh		Co-Chair: S.K.Singh
9.30-11.00	Session 7	Ecological monitoring of the coastal zones	SLS Auditorium
	Chair: Prof V.Subramanian		Co-Chair: VVS Gurunadha Rao
11.15-11.30	Session 8	Ecohydrology and water quality of the coastal zones	SLS Auditorium
	Chair: K.Kathireasan		Co-Chair: Mohan Menon