

THEME 1

Day 1, Session 1: Climate change and the coastal zone. Convenor: Felino Lansigan Co-convenor: Richard Klein	
Name	Abstract title
Boot, G (Netherlands)	Coastal erosion and sea level rise at the global scale; An assessment of impacts and adaptation
Dingerson, L (USA)	Predicting future shoreline condition based on land-use change and increased risk associated with climate change
Moya, B (Cuba)	Hicacos peninsula, a coastal territory, with urban and non-urban space face to future changes
Thomalla, F (Sweden)	Understanding human vulnerability to coastal hazards and adapting to uncertain futures
Rupp-Armstrong, S (UK)	The future of managed realignment in Northern Europe - a comparative study of southern North sea coastal areas

Day 2, Session 7: Geohazards, ground water and risk. Convenor: Nalin Wikramanayake Co-convenor: Evgeny Kontar	
Name	Abstract title
Rapaglia, J (USA)	Measurements of submarine groundwater discharge and associated contaminants into the Venice lagoon, Italy
Demetriades, N (South Africa)	The Mkomazi estuary: Human effects, freshwater and an oligotrophic coast in south-east Africa
Gomez-Gesteira, M (Spain)	Human induced bloom generated by Miño River intrusion in a Galician Ria Baixa (NW Iberian Peninsula)
Narayanan, K (India)	Climate change and vulnerability: evidence from Indian coastal waters
McLean, R (Australia)	Vulnerability of coastal systems: comparative analyses of three atoll island states: Tuvalu, Kiribati and the Maldives

Day 3, Session 13: Coastal assessments. Convenor: Laurence Mee Co-convenor: Veerle van der Weerd	
Name	Abstract title
Kannen, A (Germany)	Changing human demands in marine areas: Implications for governance and use of integrated assessment concepts
Rullkoetter, J (Germany)	Interdisciplinary assessment of fundamental driving forces and transformation processes in a tidal basin, southern North Sea
Fernandez-Ramos, V (Uruguay)	GIS techniques for coastal habitats conservation in the Rio de la Plata
Pirrone, N (Italy)	Assessment of chemical pollution in the Mediterranean: A preliminary driver-pressure analysis
Taljaard, S (South Africa)	A proposed framework for managing (land-based) marine pollution sources in the BCLME region

THEME 4

Day 1, Session 4: Biogeochemical budgets Convenor: Dennis Swaney Co-convenor: Gianmarco Giordani	
Name	Abstract title
Solidoro, C (Italy)	Applicability of LOICZ derived indexes in complex ecosystem. A multibox analysis for the lagoon of Venice
Friedrich, J (Germany)	Towards nutrient budget scenarios for the north-western Black Sea shelf
Prego, R (Spain)	Land-ocean exchanges and budgeting in a river-estuary-ria-shelf system
Durr, H (France)	Estimating natural silica fluxes to the coastal zone using a global segmentation
Morozova, O (Russia)	Nutrient budgets in the arctic coastal systems

Day 2, Session 10: Application of remote sensing for coastal area management Convenor: Goetz Floser/Weigen Huang Co-convenor: Paul DiGiacomo	
Name	Abstract title
Vander Woude, A (USA)	Chlorophyll and sea surface temperature time scales for global oceans and nearshore retentive embayments off California
Ferrari, S (Italy)	Applications of remote sensing in the study of tidal environment ecogeomorphology
Salisbury, J (USA)	Contrasting inherent optical properties and inferred carbon metabolism between five north-eastern (USA) estuary-plume systems
Nunneri, C (Germany)	Managing on-site activities for achieving off-site environmental effects
Szlafsztein, C (Brazil)	Vulnerability assessment to coastal natural hazards in Amazon Region (Brazil) using GIS

Day 3, Session 16: Shelf processes and the Earth System (joint session with IMBER & SOLAS) Convenor: Helmuth Thomas Co-convenor: Dileep Kumar/Jack Middleburg	
Name	Abstract title
Liu, K (China)	The fates of terrigenous organic carbon and absorbed atmospheric CO ₂ in the East China Sea
Boski, T (Portugal)	Varying sea levels – a possible clue for varying atmospheric CO ₂ levels?
Ramesh, R (India)	Tsunami impact on water and trace gas flux in South India
Madron, X (France)	Natural and anthropogenic forcings on particulate matter budgets in coastal zone: Role of the re-suspension by storms and trawling
Da Cunha, C (Germany)	Regional impact of rivers on continental shelf biogeochemistry

THEME 5

Day 1, Session 5: Human coastal communities Convenor: Bernhard Glaeser Co-convenor: Patricia Gallagher	
Name	Abstract title
Campos, M (Philippines)	Fish for the future: An assessment of fishery conservation policies in the Philippines
Couto, E (Brazil)	Perception of environmental stress by fisherman communities of mangroves of Pernambuco, Northern Brazil
Sarwar, G (Sweden)	Coastal fisheries of Bangladesh: how to adapt with sea level rise
Woodrow, M (Canada)	Vulnerability and adaptation in coastal communities: a case study in adaptation on Change Islands, Newfoundland following closure of the cod fishery in 1992
Nguyen Thi, Tram (Vietnam)	Local communities within the Honmun Marine Protected Area must be relevant

Day 2, Session 11: Integrated assessment of coastal change and management: socio-economic modelling and future scenarios Convenor: Kerry Turner Co-convenor: Robert Nicholls	
Name	Abstract title
Prasad, M (India)	Status of quality of coastal environment in India - a review
Alder, J (Canada)	Value Trade-Offs of US Marine Habitats
Garcia, A (Cuba)	Cuban experience on ICZM: In search of the best mechanisms for the coordination and decision making processes in coastal management in Cuba
Trombino, G (Italy)	A multi-step scenario analysis for assessing possible strategies aimed to reduce the eutrophication in the north Adriatic coastal zone
Zessner, M (Austria)	Limits of cost-efficiency based nutrient management for river basins

Day 3, Session 17: Coastal ecosystem governance Convenor: Stephen Olsen Co-convenor: Alejandro Robles	
Name	Abstract title
Belfiore S (Italy)	Measuring the Progress and Outcomes of Integrated Coastal Management Initiatives: Toward a Common Framework
Gault, J (Ireland)	From science to policy: Experiences of the COREPOINT project
Rafiqul-Islam, M (Bangladesh)	Institutionalization of ICZM at national level: Bangladesh experience
Osthorst, W (Germany)	ICZM as instrument of regional governance - between spatial planning and extended participation
Pickaver, A (Netherlands)	An indicator set to measure the progress in the implementation of integrated coastal zone management in Europe

CROSS CUTTING

Day 1, Session 6: Science, society and management of coastal zones: Educational aspects Convenor: Wilhelm Windhorst Co-convenor: Alejandro Robles	
Name	Abstract title
Ogodo, O (Kenya)	Media and environmental protection
Ballinger, R (UK)	Developing capacity building for local planners
Rigg, C (USA)	Common sense and common ground in marine and terrestrial resource management
Chaudhari, K (India)	Capacity building for coastal system sustainability by managing land-ocean interactions through stakeholders involvement: Indian perspectives
Krain, E (Germany)	SPICE, an Indonesian-German research initiative within the frame of land and ocean interactions

Day 2, Session 12: Highlights of Dutch coastal zone research Convenor: Hans de Boois Co-convenor: Carlo Heip	
Name	Abstract title
Hoekstra, P (Netherlands)	Sediment transport, tidal flats, sand waves, shoreline bars
Sinninghe Damste, J (Netherlands)	Carbon, N, P etc. under human influence
Olsen, J (Netherlands)	Ecosystems, food chains and invasive species
Lindeboom, H (Netherlands)	Resources and risks: mining, fisheries, flood risks
Dieperink (Netherlands)	Governance and knowledge management

Day 3, Session 18: Coastal typologies and datasets Convenor: Dennis Swaney Co-convenor: Bob Buddemeier	
Name	Abstract title
Vafeidis, A (Greece)	Data requirements for global-scale coastal vulnerability analysis and the DINAS-COAST database
Colijn, F (Germany)	FerryBox - an observational system for the assessment of the coastal and shelf sea ecosystem
Jaganthan, R (India)	GIS based vulnerability mapping and coastal zone management: A case of part of Tamil Nadu coast, India
Hinkel, J (Germany)	The development of the DIVA tool for assessing coastal vulnerability
Maxwell, B (USA)	Web-based tools for typology development and data mining

CONTINUATION SESSIONS

Day 1, Session 19: Climate change and ecological resources	
Name	Abstract title
Krause, G (Germany)	Social-ecological system analysis for ICM support: A Mangrove Ecosystem in North Brazil
Labane, L (Tunisia)	First assessment of the Tunisian coastline vulnerability to sea level rise
Khattabi, A (Morocco)	Fishing and aquaculture in the socioeconomic context of a coastal Mediterranean lagoon
Rahman, A (Bangladesh)	Challenges to sustainable development of Bangladesh Coastal Zone: An interplay of local, national, regional and global anthropogenic interventions
Del Toro, J (Mexico)	A regional approach for coastal sustainability, ICZM in the western central region of Mexico: building the coastal agenda
Le Tra, T (Belgium)	Marine Biodiversity protection under pressure of population growth. A case study of Nha Trang - Vietnam
McFadden, L (UK)	A new model of wetland loss and sea-level rise
Shumilin, E (Mexico)	Evaluation of anthropogenic impact on coastal marine sediments of heavy metals transported by water streams affected by mining in North-Western Mexico: Semi-desertic Santa Rosalia, Baja California Sur and Tropical Marabasco River-the Barra de Navidad Lagoon, Colima
Krishnamoorthy, R (India)	Anthropogenic influences on freshwater resources versus Land Use and Cover Change (LUCC) in Southeast India coastal river basins-study based multi-data remote sensing data analysis and GIS application
Yamamuro, M (Japan)	Changes in the use of ecosystem due to the loss of eelgrass bed in estuarine lagoon, Lake Nakaumi, Japan
Guenette, S (Canada)	Insights from ecosystem modelling: the decline of Stellar sea lion in the Gulf of Alaska

Day 2, Session 20: Nutrients, sediments and budgets	
Nitishinsky, M (Russia)	Carbon and nutrient fluxes in the arctic shelf
De Carlo (Honolulu)	Combined use of a coral reef instrumental platform (CRIMP) and synoptic water column sampling to characterize temporally and spatially the biogeochemical response of Kaneohe Bay, Hawaii to storm runoff input
Dedieu, K (France)	Coupling of carbon, oxygen and nitrogen cycles in sediments from a Mediterranean lagoon
Harcourt Baldwin, J-L (South Africa)	3D-numerical modelling of the hydrodynamics in a tidally energetic tropical embayment
Ruggieri, N (Italy)	Water and Nutrients Budget in a Semi-enclosed area of the coastal Ligurian Sea: the Port of Genoa
Kavalkli, Z (Greece)	An integrated coastal zone management approach based on scenario development and LOICZ budget analysis: application to a coastal ecosystem in the Aegean, Eastern Mediterranean
Bendell-Young, L (Canada)	Towards a sustainable shellfish industry; understanding the importance of upland sources of nitrogen to the geochemical cycling of nitrogen within the foreshore.
Radjawane, I.M (Indonesia)	On the study of simulated nutrient budget in Lampung Bay, Indonesia: Using coupled hydrodynamic-ecosystem model
Vinzon, S (Brazil)	Fine Sediment Retention in Estuaries in Amazon Estuary

CONTINUATION SESSIONS

Klaasen, W (Netherlands)	High CO ₂ fluxes from the air into a tidal flat area
Day 3, Session 21: Managing the coastal zone	
Vodden, K (Canada)	Watershed-coastal interactions: building and supporting institutions for positive change
Dinelli, E (Italy)	Sediment-biota interactions in a polluted coastal lagoon (Piallassa Baiona, northern Italy): integrated geochemical and biological investigations
Burkhard, B (Germany)	Use of a virtual centre of competence as a management, information and education tool in coastal zones
Gee, K (Germany)	National ICZM strategies in Germany: challenges to the spatial planning approach
Ostrovskaya, E (Russia)	Ecological zoning of the Northern Caspian
Arizpe, O (Mexico)	Land-ocean use planning of a coastal oasis in the Gulf of California
Fontalvo-Herazo (Germany)	Method for the design of a participative indicator system as a tool for integrated coastal local management, Braganca peninsula-North Brazil
Lengyel, P (Romania)	Electronic networking on Black Sea conservation issues in Romania
Lechuga-Deveze, C.H (Mexico)	Using LOICZ biogeochemical modelling to achieve federal environmental regulations for shrimp aquaculture on the Sinaloa coast of Mexico
Pongthanapanich, T (Denmark)	An optimal corrective tax for Thai Shrimp Farming
Hinkel, J (Germany)	Methodological issues in coastal vulnerability assessment

POSTERS

Poster author and titles	
Al-Rousan, S (Jordan)	Invasion of anthropogenic CO ₂ recorded in stable isotopes of planktonic foraminifera from the northern Gulf of Aqaba, Red Sea
Araki, R (Brazil)	Precipitation events associated with landslides in the tropics-Guaruja City, and example of Brazil
Aulinger, A.	Deposition of polycyclic aromatic hydrocarbons emitted from ship engines into the North Sea
Bock, S	Internet tools for coastal issues: A project database
Brewer, DT	Impacts of gold mine waste disposal on the sustainability of deep water fish in a pristine tropical oceanic system
Brogueira, M.J.	Environmental variables shaping phytoplankton structure in Tagus estuary
Buddemeier, R (USA)	Examples and achievements of typological applications
Cinnirella, S (Italy)	Water bodies characterization through GIS for complying the WQOs as established in the WFD
Craswell, E	The Global Water System Project
Darracq, A	Advective travel time variability in stream networks
De Souza (Brazil)	Biogeochemistry of N,P and Si fluxes to the East Brazil coastal zone. A tropical reservoir functioning or multiple impact scenario
Dennis, DM	How does gold mine waste disposal affect shallow coral reef fishes and habitats at Lihir Is, Papua New Guinea?
Ekau, W	IOI - OceanLearn; The Training and Education Programme of the International Ocean Institute
Fry, G	TBA
Glaser, M.	"The Social" in ecosystem research: pitfalls and potentials
Gonzalez-Mirelis, G (Spain)	Land meets ocean: the compilation of a GIS database for linking nutrient loading data with catchment area information
Hilton, M.	The redistribution of Coastal Dune Plants-A Global Issue
Huthnance, J (UK)	Process contributions to shelf-ocean exchange
Jayawardena, U (Sri Lanka)	Effects of the Tsunami to the human society due to the negligent of the Coastal Zone of Sri Lanka
Jedrzejczak, M (Poland)	Bridging biodiversity and tourism towards sustainable development of sandy beaches
Jinadasa, S (Sri Lanka)	Geo-morphological influences to protect the hazard ness of tsunami waves at coastal belt of Yala, Sri Lanka
Llorenz, J.L.P.	The use of phytoplankton and macrophytobenthos as potential quality elements in coastal waters of Ageciras Bay and surrounding areas
Mensah, A (Ghana)	The influence of land use activities on nutrient and sediment loading into upland catchment streams of Ghana
Mhammdi, N (Morocco)	'Natural' and 'Anthropogenic' vulnerability of the coastal zones of Morocco- A preliminary integrated analysis
Milton, D	Heavy metal uptake by coral reef fish at Lihir Is, Papua New Guinea: relative importance of gold mine wastes and natural sources of heavy metals
Monteiro, P.	The biogeochemical linkage that governs the dependency of mangrove new production fluxes and food web responses to river boundary characteristics: Catchment2Coast Programme study in Maputo Bay, Mozambique
Newton, A (Portugal)	The LOICZ Erasmus Mundus joint master in water and coastal management

POSTERS

Nogueira, M (Portugal)	Estuarine processes involving organic carbon at different tide conditions
Nguyen Thi, K.A (Vietnam)	The situation of coastal fishery resources in Vietnam and some proposed solutions
Nunes, L (Brazil)	Environmental problems in the coast of Southeastern Brazil: determinants and impacts
Perillo, G (Argentina)	Shallow ponds as sediment and nutrient retainers, Buenos Aires Province, Argentina
Rabalais, N (USA)	Eutrophication adjacent to the Mississippi river plume
Rebelo, L.P.	Troia peninsula evolution: Foredunes as an accretion/erosion indicator
Rachold, V.	Arctic Coastal Processes
Shaghude, Y. (Tanzania)	The present and anticipated river basin and coastal impacts of water abstraction along the Rufiji river catchment, Tanzania
Spagnoli, F	Organic matter cycling in sediments of gulf of Manfredonia, Southern Adriatic Sea
Thomas, H (Canada)	Enhanced open ocean storage of CO ₂ from shelf sea pumping
Viaroli, P	Identification of monitoring criteria for transitional waters
Vorlauf, M	Internet tools for coastal issues: Awareness rising and education
Weragala, N.	Definition of a Tsunami safe boundary for Sri Lanka: A case study in the coastal zone of Galle, Matara and Hambantota districts