

MONDAY - MAY, 9

	10:00 - 17:00 Registration
18:00 - 22:00	Opening Session / Concerto Celebration of the 20th Anniversary of the Institute of Marine and Coastal Sciences

TUESDAY – MAY, 10

09:00 - 09:50	Syed M. Khalil, Louisiana Office of Coastal Protection & Restoration - invited speaker: SAVING AMERICA'S WETLAND – RESTORING COASTAL LOUISIANA				/ Concerto
09:50 - 10:00	Alan Pickaver, The Coastal & Marine Union (EUCC): OURCOAST, A EUROPEAN INITIATIVE TO SUPPORT EXCHANGE OF EXPERIENCES AND BEST PRACTICES IN COASTAL MANAGEMENT				
10:00 - 10:30	<i>Coffee-Break</i>				
Sessions	Coastal Modelling / Concerto I	Estuaries and Lagoons / Concerto III	Coastal Engineering / Norwid	Coastal Hazards and Pollution / Mickiewicz	
10:30 - 10:50	DETERMINATION OF THE INITIAL GRAIN SIZE DISTRIBUTION IN A TIDAL INLET BY MEANS OF NUMERICAL MODELING <i>E. Kwoł, C. Winter</i>	SEMIDIURNAL AND SPRING-NEAP VARIATIONS IN THE TAGUS ESTUARY: APPLICATION OF A PROCESS-ORIENTED HYDRO-BIOGEOCHEMICAL MODEL <i>N. Vaz, M. Mateus, J.M. Dias</i>	LABORATORY EXPERIMENTS FOR TURBULENCE CHARACTERISTICS NEAR THE RUBBLE MOUND BREAKWATER <i>S. Cokgor, S. Dundar, K. Koca, B. Ozen</i>	OBSERVATION AND FORECASTING OF RIP CURRENT GENERATION IN HAEUNDAE BEACH, KOREA PLAN AND EXPERIMENT <i>D.S. Song, H.K. Bae</i>	
10:50 - 11:10	EVALUATION OF SINGLE WAVES EFFECTS ON THE MORPHOLOGY EVOLUTION OF A COASTAL LAGOON INLET <i>S. Plecha, P.A. Silva, A. Oliveira, J.M. Dias</i>	OBSERVATIONS OF SUSPENDED SEDIMENT DYNAMICS IN A HIGHLY TURBID MACROTIDAL ESTUARY, DERIVED FROM CONTINUOUS MONITORING <i>A. Sottolichio, P. Castaing, H. Etcheber, E. Maneux, M. Schmeltz, S. Schmidt</i>	USE OF TREES AS A TSUNAMI NATURAL BARRIER FOR CONCEPCION, CHILE <i>R. Aranguiz, M. Villagran, G. Eyzaguirre</i>	IS THE MID-CHANNEL TIDAL BAR A POTENTIAL HAZARD FOR SHIPPING IN A NARROW MACROTIDAL SEAWAY OF OUTER ASAN BAY, KOREA? <i>T.S. Chang, S.-P. Kim, D.G. Yoo, E. Lee</i>	
11:10 - 11:30	SOON: THE SAEMANGEUM OPERATIONAL OCEANOGRAPHY NETWORKS <i>H.S. Lim, J.A. Kim, C.S. KIM, K.S. Park</i>	PHYSICAL FORCING OF THE WATER TEMPERATURE VARIABILITY ALONG THE ESPINHEIRO CHANNEL (RIA DE AVEIRO, PORTUGAL) <i>M.C. Sousa, N. Vaz, J.M. Dias</i>	INTERNAL WAVE MAKER FOR NAVIER - STOKES EQUATIONS IN A THREE-DIMENSIONAL NUMERICAL MODEL <i>T. Ha, J.W. Lee, Y.-S. Cho</i>	VERIFICATION OF THE RIP CURRENTS PREDICTIVE MODEL USING THE TUBE IMAGE DETECTING TECHNIQUES <i>J.Y. Lee and J.L. Lee</i>	
11:30 - 11:50	EVALUATION OF THE INFLUENCE OF DIGITAL ELEVATION MODELS ON A HYDRODYNAMIC CIRCULATION MODEL <i>J.E. de Moura, A.C. Scudelari, C.F. Neves, V.E. Amaro</i>	INFLUENCE OF NATURAL AND ANTHROPOGENIC CONDITIONS ON THE WATER QUALITY OF THE CAETÉ RIVER ESTUARY (NE BRAZIL) <i>M.C. Monteiro, L.C.C. Pereira, D. de O. Guimarães, R.M. da Costa, P.W.M. de Souza-Filho, S.R. Vieira, J.A. Jiménez</i>	NEARSHORE CIRCULATION AT A COASTAL DEFENCE SYSTEM IN SICILY. PHYSICAL AND NUMERICAL EXPERIMENTS <i>M. Calabrese, P. Di Pace, M. Buccino, R.G. Tomasichio, E. Ciralli</i>	SPATIAL PLANNING OF SHIPPING AND OFFSHORE ACTIVITIES IN THE BALTIC SEA USING LAGRANGIAN TRAJECTORIES <i>B. Viikmäe, T. Soomere, K.E. Parnell, N. Delpeche</i>	
11:50 - 12:10	NUMERICAL MODELLING OF HYDRODYNAMIC CHANGES INDUCED BY A JETTY EXTENSION – THE CASE OF RIA DE AVEIRO (PORTUGAL) <i>J.M. Dias, S.C. Mariano</i>	SEASONAL AND SPATIAL VARIATION IN HYDROLOGICAL PARAMETERS AND MICROZOOPLANKTON COMMUNITIES IN AN AMAZONIAN ESTUARY <i>R. M. da Costa, P. Atique, K. G. da Costa, L. C. C. Pereira</i>	ONE LAYER CONCRETE ARMOR UNITS WITH A ROCK-LIKE SKIN: WAVE REFLECTION AND RUN-UP <i>M. Buccino, M. Calabrese, F. Ciardulli, P. Di Pace, G.R. Tomasichio</i>	ENVIRONMENTAL SENSITIVITY MAPS: THE NORTHERN COAST OF GIBRALTAR STRAIT EXAMPLE <i>A. Bello Smith, G. Cerasuolo, J.A. Perales, G. Anfuso</i>	
12:10 - 12:30	A SYSTEM OF MODELS AND DATA BASE FOR SHORT TERM BEACH PROCESSES – ECORS SIMULATOR <i>T. Garlan, J.M. Souffez, R. Mauget, J.P. Mazé, L. Leballeur</i>	MORPHOLOGIC EVOLUTION AND HYDRODYNAMIC VARIATION DURING THE LAST 30 YEARS IN THE LINGDING BAY, SOUTH CHINA SEA <i>J. Deng, Y. Bao</i>	A STUDY OF TSUNAMI REFLECTION ON NOT-ARMOURED AND ARMOURED BEACH <i>N. Gedik, E. Irtem, M.S. Kabdasli</i>	A PRELIMINARY STUDY OF ENVIRONMENTAL IMPACT ASSESSMENT OF TIDAL POWER PLANT IN SHIHWLA LAKE, KOREA. <i>K. Ra, K.T. Kim, J.H. Bang, J.M. Lee, E.S. Kim, S.R. Cho</i>	
12:30 - 14:00	<i>Lunch</i>				

TUESDAY – MAY, 10

Sessions	Coastal Modelling / Concerto I	Estuaries and Lagoons / Concerto III	Coastal Geomorphology / Norwid	Impact of Extreme Storms / Mickiewicz
14:00 - 14:20	WAVES, WIND AND TIDAL FORCING ON A SANDPIT MORPHODYNAMICS <i>J. Rosa, P.A. Silva, X. Bertin, A.B. Fortunato</i>	MORPHODYNAMICS OF AN EPHEMERAL TIDAL INLET DURING A LIFE CYCLE (SANTO ANDRÉ LAGOON, SW PORTUGAL) <i>A.R. Pires, M.C. Freitas, C. Andrade, R. Taborda, R. Ramos, A. Pacheco, O. Ferreira, M. Bezerra, A. Cruces</i>	INTERPRETATION OF SEAFLOOR TOPOLOGIES BASED ON IKONOS SATELLITE IMAGERY OF A SHALLOW-MARINE CARBONATE PLATFORM: FLORIDA BAY TO THE FLORIDA REEF TRACT <i>J.T. Steimle, C.W. Finkl</i>	MORPHOLOGIC RESPONSE OF FOUR POCKET BEACHES TO HIGH ENERGY CONDITIONS: INCLUDING THE XYNTHIA STORM (SOUTH BRITTANY, FRANCE) <i>A. Dubois, M. Sedrati, D. Menier</i>
14:20 - 14:40	PROCESS-BASED AND SEMI-EMPIRICAL MODELLING APPROACHES ON TIDAL INLET EVOLUTION <i>D.M.P.K. Dissanayake, R. Ranasinghe, J.A. Roelvink, Z.B. Wang</i>	EROSION AND DEPOSITION RATES IN ESTUARIES – THE SALTPANS AREA OF AVEIRO LAGOON, PORTUGAL <i>S. Costa, E. Oliveira, C. Coelho, M. Pinho Lopes</i>	TYPOLOGY OF NEARSHORE BARS IN THE GULF OF LIONS (FRANCE) USING LIDAR TECHNOLOGY <i>N. Aleman, N. Robin, R. Certain, C. Vanroye, J.-P. Barousseau, F. Bouchette</i>	EVALUATION OF COASTAL FLOOD RISK AREAS AND ADAPTATION STRATEGIES FOR A SUSTAINABLE PLANNING <i>P.D. Raposeiro, J.C. Ferreira</i>
14:40 - 15:00	STORM-DRIVEN MORPHOLOGICAL EVOLUTION AND SEDIMENT BYPASSING AT A DYNAMIC TIDAL INLET: A SIMULATION-BASED ANALYSIS <i>B.G. Williams, S. Pan</i>	WIND WAVE CONDITIONS IN NEVA BAY <i>D. Kurennoy, D. Ryabchuk</i>	VALIDATION OF MODELLED INTERTIDAL FLAT BED SEDIMENT TRANSPORT USING A SIMPLE TRACER METHOD <i>K. Cronin, R.J.D. Devoy, F. Montserrat</i>	MORPHODYNAMIC EVOLUTION OF NEARSHORE BARS IN RESPONSE TO WINTER STORMS (LIDO DE SÈTE, NW MEDITERRANEAN) <i>M. Gervais, Y. Balouin, J. Thiebot, R. Certain, R. Bélon, R. Pedreros, N. Robin, S. Berne</i>
15:00 - 15:20	THREE-DIMENSIONAL WATER QUALITY MODELLING FOR TIDAL LAKE AND COASTAL WATERS WITH ROMS-ICM <i>C.S. Kim, H.S. LIM, C.F. Cerco</i>	CROSS-SECTIONAL AND STRATIFICATION PATTERNS INDUCED BY TIDAL AND RIVER DISCHARGE CHANGES IN A TIDAL CHANNEL: A MODELLING STUDY <i>N. Vaz, J.M. Dias</i>	SPATIOTEMPORAL HEIGHT VARIATIONS OF LARGE-SCALE BEDFORMS IN THE GRÅDYB TIDAL INLET CHANNEL (DENMARK): A CASE STUDY ON COASTAL SYSTEM IMPACT <i>V.B. Ernstsens, A. Lefebvre, J. Bartholdy, A. Bartholomä, C. Winter</i>	CONFIDENCE IN REAL-TIME FORECASTING OF MORPHOLOGICAL STORM IMPACTS <i>F. Baart, P.H.A.J.M. van Gelder, M. van Koningsveld</i>
15:20 - 15:40	THE GROWTH OF THE BULGE NEAR A RIVER MOUTH <i>J.H. Hwang, J.E. Ahn, Y.G. Park, D.M. Jang, B.R. Kim</i>	GEOMORPHOLOGICAL AND HYDRODYNAMIC FORCING OF SEDIMENTARY BEDFORMS - EXAMPLE OF GULF OF MORBIHAN (SOUTH BRITTANY, BAY OF BISCAY) <i>D. Menier, B. Tessier, A. Dubois, E. Goubert, M. Sedrati.</i>	LONG-TERM FIELD OBSERVATIONS OF MULTIPLE BAR PROPERTIES ON AN ERODING COAST <i>M. Yuhi, M. Okada</i>	EVALUATION OF XBEACH PREDICTIONS FOR A REAL-TIME WARNING SYSTEM IN EMILIA-ROMAGNA, NORTHERN ITALY <i>M. Harley, C. Armaroli, P. Ciavola</i>
15:40 - 16:00	MODELLING NEARSHORE CIRCULATION IN A FRINGING REEF SYSTEM: NINGALOO REEF, AUSTRALIA <i>S. Taebi, R.J. Lowe, C.B. Pattiaratchi, G.N. Ivey, G. Symonds</i>	SEDIMENTS FLUX THROUGH THE AVEIRO HARBOUR JETTIES: PATTERNS OF ACCRETION AND EROSION <i>V. Martins, C. Grangeia, I. Abrantes, C. Jesus, J.M. Dias, P.A. Silva, E.F. Silva, F. Rocha</i>	STORM DEPOSITION IN A COASTAL BACKBARRIER LAKE IN LOUISIANA CAUSED BY HURRICANES GUSTAV AND IKE <i>K.-B. Liu, C. Li, T.A. Bianchette, T.A. McCloskey, Q. Yao, E. Weeks</i>	STRATIGRAPHIC RECORD OF HURRICANES AUDREY, RITA AND IKE IN THE CHENIER PLAIN OF SOUTHWEST LOUISIANA <i>H.F.L. Williams</i>

16:00 - 16:30

Coffee-Break

TUESDAY – MAY, 10

Sessions	Coastal Zone Management / Concerto I	GIS and Remote Sensing Applications / Concerto III	Beach Processes / Norwid	Coastal Evolution / Mickiewicz
16:30 - 16:50	COASTAL DUNE VULNERABILITY AMONG SELECTED SCOTTISH SYSTEMS <i>A.T. Williams, R.W. Duck, M.R. Phillips</i>	ACOUSTIC HABITAT MAPPING IN THE GERMAN WADDEN SEA – COMPARISON OF HYDRO-ACOUSTIC DEVICES <i>A. Bartholomä, P. Holler, K. Schrottke, A. Kubicki</i>	SEASONAL ROTATION OF A MIXED SAND-GRAVEL BEACH <i>T.J. Dolphin, C.E. Vincent, J. Wihsgott, M. Belhache, K.R. Bryan</i>	RESPONSE OF DROWNED RIVER VALLEY ESTUARY – TIDAL INLET BAY TOWARDS HUMAN ACTIVITIES IN THE PAST 50 YEARS: A CASE STUDY ON THE DINGZI BAY, JIAODONG PENINSULA, CHINA <i>Y.L. Liu, Q. Wang, C. Zhan, H.P. Yi, Q. Tian, M.M. Zhang</i>
16:50 - 17:10	EXCHANGE OF EXPERIENCES AND COMPARATIVE ANALYSIS FOR INTEGRATED COASTAL ZONE MANAGEMENT IN EUROPE (OURCOAST INITIATIVE) <i>P. Czerniak, R.C. Steijn, M. Ferreira, A. Pickaver, A. Volckaert, B. Heinichen</i>	EFFECTS OF HURRICANES ON THE GULF COAST ECOSYSTEMS: A REMOTE SENSING STUDY OF LAND COVER CHANGE AROUND WEEKS BAY, ALABAMA <i>N.S.-N. Lam, K.-B. Liu, W. Liang, T.A. Bianchette, W.J. Platt</i>	COUPLED BEHAVIOUR WITHIN A DOUBLE SANDBAR SYSTEM <i>T.D. Price, J. Rutten, B.G. Ruessink</i>	THE RIO GRANDE DO SUL (SOUTHERN BRAZIL) SHORELINE BEHAVIOR DURING THE QUATERNARY: A CYCLOSTRATIGRAPHIC ANALYSIS <i>M.L.C.C. Rosa, E.G. Barboza, S.R. Dillenburg, L.J. Tomazelli, R.N. Ayup-Zouain</i>
17:10 - 17:30	BEACH MANAGEMENT STRATEGIES: A COMPARATIVE COASTAL STAKEHOLDER ASSESSMENT, GOWER, SOUTH WALES, UK. <i>M.R. Phillips, G. Rosser, R.E. Jenkins, M.J. Cullis</i>	APPLICATION OF TERRESTRIAL LASER SCANNER AND RASTER OPERATIONS TO CHANGE DETECTION OF BEACH <i>H.S. Lee, S.S. Lim, D.W. Park</i>	INFLUENCE OF HIGH-ENERGY CONDITIONS ON BEACH CHANGES IN TIDE-DOMINATED (AMAZON, BRAZIL) AND WAVE-DOMINATED (NSW, AUSTRALIA) COASTAL ENVIRONMENTS <i>L.C.C. Pereira, A. Vila-Concejo, W. N. Trindade, A. D. Short</i>	EVOLUTION OF THE HOLOCENE COASTAL BARRIER OF PELOTAS BASIN (SOUTHERN BRAZIL) - A NEW APPROACH WITH GPR DATA <i>E.G. Barboza, M.L.C.C. Rosa, P.A. Hesp, S.R. Dillenburg, L.J. Tomazelli, R.N. Ayup-Zouain</i>
17:30 - 17:50	SPOIL OR RESOURCE? MANAGING SEDIMENT FOR COASTAL RESTORATION <i>Syed M. Khalil, Charles W. Finkl</i>	TEMPORAL VARIATION IN KOREAN COASTAL WATERS USING GEOSTATIONARY OCEAN COLOR IMAGER <i>J.H. Ryu, J.K. Choi, J. Eom, J. H. Ahn</i>	EXPERIMENTAL INVESTIGATION ON WAVE SET UP AND NEARSHORE VELOCITY FIELD IN PRESENCE OF A BDS <i>L. Damiani, D. Vicinanza, F. Aristodemo, A. Saponieri, S. Corvaro</i>	MACRO SCALE MORPHODYNAMICS OF THE GERMAN NORTH SEA COAST <i>C. Winter</i>
17:50 - 18:10	INTEGRATED COASTAL ZONE MANAGEMENT IN VENEZUELA: A SPACE WITH ITS OWN IDENTITY <i>A. Castillo, M. García, A. Padrón, M.T. Abogado, A. Pino, F. Pérez</i>	MULTITEMPORAL SHORELINE CHANGE AND EROSION/ACCRETION RATES IN NORTH SARDINIA, BY INTEGRATION OF DIGITAL PHOTOGRAMMETRY, REMOTE SENSING AND GPS <i>S. Viridis, G. Oggiano, L. Disperati, A. Soggia</i>	HIGH-FREQUENCY VIDEO OBSERVATION OF A GEOLOGICALLY-CONSTRAINED BARRED-BEACH: LA GRANDE PLAGES DE BIARRITZ (FRANCE) <i>C. Enjalbert, B. Castelle, D. Rihouey, D. Dailloux</i>	UPWELLING DOMINATED OCEANOGRAPHIC PERIODS IN THE RIA DE VIGO DURING THE LATE HOLOCENE <i>V. Martins, M. F. Araújo, E.F. Silva, J.M.A. Dias, R. Calisto, J.-M. Jouanneau, O. Weber, F. Rocha</i>
18:10 - 18:30	ENVIRONMENTAL SEDIMENTARY ATLAS OF THE OCEANIC ZONE OF THE STATE OF SANTA CATARINA, BRAZIL <i>N.O. Horn Filho, A.D. Schmidt, J.L. Soares, V.C. Diebe, U.R. Oliveira</i>	ESRI	APPLICATION OF A STATISTICAL METHOD TO INVESTIGATE PATTERNS OF BEACH EVOLUTION IN THE VICINITY OF A SEAWALL <i>J.M. Horrillo-Caraballo, D.E. Reeve</i>	GROUND PENETRATING RADAR (GPR) AND STANDARD PENETRATION TEST (SPT) RECORDS OF A REGRESSIVE BARRIER IN SOUTHERN BRAZIL <i>S.R. Dillenburg, E.G. Barboza, P.A. Hesp, M.L.C.C. Rosa</i>
20:00 - 21:00	Organ Concert in St.Jacobs Cathedral – only for ICS2011 participants (delegates, students, accompanying person)			

WEDNESDAY – MAY, 11

09:00 - 09:50	Eric Wolanski (<i>Australian Institute of Marine Science</i>) - invited speaker: THE IMPORTANCE OF THE BIOLOGY IN ESTUARINE FINE SEDIMENT DYNAMICS	/ Concerto
09:50 - 10:00	Norb Psuty - <i>Commission on Coastal Systems</i>	
10:00 - 10:30	<i>Coffee-Break (OPENNING POSTER SESSION)</i>	

Sessions	Coastal Modelling / Concerto I	Estuaries and Lagoons / Concerto III	Coastal Engineering / Norwid	Coastal Geomorphology / Mickiewicz	
10:30 - 10:50	OPTIMIZED DYNAMIC ENSEMBLES OF MULTIPLE CHAOTIC MODELS IN PREDICTING STORM SURGES <i>M. Siek, D.P. Solomatine</i>	EFFECTS OF THE ALQUEVA DAM ON SEDIMENT FLUXES AT THE MOUTH OF THE GUADIANA ESTUARY <i>E. Garel, O. Ferreira</i>	Nearshore Dynamics of Tsunami-like Undular Bores using a Fully Nonlinear Boussinesq Model <i>M. Tissier, P. Bonneton, F. Marche, F. Chazel, D. Lannes</i>	NUMERICAL SIMULATION OF HOLOCENE COASTAL MORPHOGENESIS AT THE SOUTHERN BALTIC SEA - A CASE STUDY OF THE DARSS-ZINGST PENINSULA <i>W. Zhang, J. Harff, R. Schneider, M. Meyer</i>	
10:50 - 11:10	THE RESPONSE OF THE RIVER PLUME TO THE FLOODING IN MORETON BAY, AUSTRALIA <i>Y. Yu, H. Zhang, C.J. Lemckert</i>	STAGES IN THE EVOLUTION OF AN EPHEMERAL TIDAL INLET IMMEDIATELY AFTER ARTIFICIAL OPENING <i>M. Bezerra, Ó. Ferreira, A. Pacheco, M.C. Freitas, R. Pires, C. Andrade, R. Taborda</i>	CONVERTING EMERGENT BREAKWATERS INTO SUBMERGED BREAKWATERS <i>L. Cappiatti</i>	FROM TRIESTE TO KOTOR <i>R.H. Charlier, C.W. Finkl, A.C. Thys</i>	
11:10 - 11:30	BATHYMETRICAL INFLUENCE IN NUMERICAL MODELLING TO DESIGN MARITIME STRUCTURES <i>J.S. López-Gutiérrez, V. Negro, J.J. Díez, M.D. Esteban</i>	THE CLASSIFICATION OF ESTUARY AND TIDAL PROPAGATION CHARACTERISTICS IN THE GYEONG-GI BAY, SOUTH KOREA <i>S.B. Woo, B.I. Yoon</i>	PRACTICAL CASE WITH REGARD TO APPLYING THE FUNCTIONAL AND ENVIRONMENTAL METHOD TO LOW CREST LEVEL, DETACHED BREAKWATERS <i>L. Bricio, V. Negro, J.J. Díez, J.S. López, J.M. Del Campo</i>	WITHIN SITE GEOLOGICAL CONTINGENCY AND ITS EFFECT ON ROCK COAST EROSION <i>W.J. Stephenson, L.A. Naylor</i>	
11:30 - 11:50	NUMERICAL MODELING CHANGES INDUCED BY THE LOW LYING AREAS ADJACENT TO RIA DE AVEIRO <i>R. Mendes, N. Vaz, J. M. Dias</i>	THE STABILITY OF VEGETATED TIDAL FLATS IN A COASTAL LAGOON THROUGH QUASI IN-SITU MEASUREMENTS OF SEDIMENT ERODIBILITY <i>F. Ganthu, A. Sottolichio, R. Verney</i>	MODELLING OF SEDIMENT TRANSPORT OF AKYAKA BEACH <i>L. Balas, A. Inan, E. Yilmaz</i>	BEACH PROFILE AND SEDIMENT CHARACTERISTICS OF A MIXED SAND BEACH UNDER DIURNAL SEA LEVEL VARIATIONS <i>T. Kakinoki, G. Tsujimoto, F. Yamada, D. Sakaim, K. Uno</i>	
11:50 - 12:10	AN EAST SEA/JAPAN SEA TSUNAMI SIMULATOR <i>K.O. Kim, B.H. Choi, E. Pelinovsky, J.-H. Yuk, B.I. Min</i>	IMPACT OF MORPHOLOGIC ANTHROPOGENIC AND NATURAL CHANGES IN ESTUARINE TIDAL DYNAMICS <i>J.M. Dias, A. Picado</i>	ESTIMATION OF THE WAVE ENERGY IN THE ITALIAN OFFSHORE <i>D. Vicinanza, L. Cappiatti, V. Ferrante, P. Contestabile</i>	GEOMORPHOLOGY AND MORPHODYNAMICS OF A SAND APRON, ONE TREE REEF, SOUTHERN GREAT BARRIER REEF <i>D.L. Harris, J.M. Webster, E.V. De Carli, A. Vila-Concejo</i>	
12:10 - 12:30	COMPUTATIONS OF THREE-DIMENSIONAL NEARSHORE CURRENTS USING DYNAMICALLY COUPLED WAVE-CURRENT MODEL <i>J. Chun, K. Ahn, K.-D. Suh</i>	BUBBLES, DISSOLVED OXYGEN SATURATION AND COASTAL ABRASION IN THE SOUTHERN BALTIC SEA <i>R. Marks, M. Pytel</i>	SPREADING OF SUSPENDED MATTER IN A SHALLOW SEA AREA INFLUENCED BY DREDGING ACTIVITIES AND VARIABLE ATMOSPHERIC FORCING: RESULTS OF IN-SITU MEASUREMENTS <i>T. Liblik, U. Lips</i>	THE AMAZON-INFLUENCED MUD-BANK COAST OF SOUTH AMERICA: AN OVERVIEW OF SHORT- TO LONG-TERM MORPHODYNAMICS OF "INTER-BANK" AREAS AND CHENIER DEVELOPMENT <i>E.J. Anthony, A. Gardel, F. Dolique, D. Marin</i>	
12:30 - 14:00	LUNCH				
14:00 - 20:00	Half Day Fieldtrips around Szczecin				
	FT5 - Cruise ship on the lake Dabie - 50€	FT6 - Ship cruise on the Miedzyodrze - 60€	FT7 - Castle feast in Pezino - 60€	FT8 - Szczecin differently – for active - 50€	FT9 - Touring Szczecin – city walk - 20€

THURSDAY – MAY, 12

09:00 - 10:00	Dirk-Jan R. Walstra (Delft Hydraulics) - invited speaker: PROCESS-BASED LONG-TERM MODELLING; THE PRESENT STATE-OF-THE-ART AND THE WAY AHEAD				/ Concerto
09:45 - 10:15	THE LIQUEFIED NATURAL GAS TERMINAL IN ŚWINOUJŚCIE				
10:15 - 10:30	<i>Coffee-Break</i>				
<i>Sessions</i>	Coastal Engineering / Concerto I	Coastal Geomorphology / Concerto III	Coastal Zone Management / Norwid	Coastal Dunes / Mickiewicz	
10:30 - 10:50	USING ARTIFICIAL NEURAL NETWORKS FOR ESTIMATION OF SCOUR AT THE HEAD OF VERTICAL WALL BREAKWATER <i>E. Jabbari, O. Talebi</i>	INTERPRETATION OF BOTTOM TYPES FROM IKONOS SATELLITE IMAGES OF THE SOUTHERN KEY WEST NATIONAL WILDLIFE REFUGE, FLORIDA, USA <i>C.W. Finkl, H. Vollmer</i>	THE STRATEGY FOR INTEGRATED COASTAL ZONE MANAGEMENT IN PORTUGAL. A COMPARISON BETWEEN THE TECHNICAL REPORT PROPOSALS AND THE OFFICIAL DOCUMENT <i>F. Veloso Gomes</i>	RE-ATTACHMENT ZONE CHARACTERIZATION UNDER OFFSHORE WINDS BLOWING OVER COMPLEX FOREDUNE TOPOGRAPHY <i>I. Delgado-Fernandez, D.W.T. Jackson, J.A.G. Cooper, A.C.W. Baas, K. Lynch, J.H.M. Beyers</i>	
10:50 - 11:10	EXPERIMENTAL RESEARCH ON EFFECTIVE FLOATING BREAKWATERS <i>J.-S. Yoon, Y.-S. Cho</i>	MONITORING SHORELINE CHANGE ALONG ASSATEAGUE BARRIER ISLAND: THE FIRST TREND REPORT <i>N.P. Psuty, T.M. Silveira</i>	TEN YEARS ASSESSMENT OF ICZM PRINCIPLES APPLIED AT A LOCAL SCALE: RIA DE AVEIRO CASE STUDY <i>F.L. Alves, J.V. Silva, C.A. Pereira, L.P. Sousa</i>	ENVIRONMENTAL AND ANTHROPOGENIC INDICATORS FOR COASTAL RISK ASSESSMENT AT MASSAGUAÇÚ BEACH (SP) BRAZIL <i>P.H.G.O. Sousa, E. Siegle, M.G. Tessler</i>	
11:10 - 11:30	STORMY WAVE ANALYSIS BASED ON RECORDED FIELD DATA ON SOUTH-EAST COASTS OF QUEENSLAND, AUSTRALIA <i>A. Jafari, N. Cartwright, P. Nielsen</i>	BEDFORM CHARACTERIZATION THROUGH 2D SPECTRAL ANALYSIS <i>A. Lefebvre, V. B. Ernsten, C. Winter</i>	ARCHAEOLOGICAL HERITAGE, LANDSCAPE VALUE, BEACH USE AND RECREATIONAL BOATING IN BARATTI BAY (ITALY): SYNERGY OR CONFLICTING INTERESTS? <i>E. Pranzini</i>	SEDIMENTARY ARCHITECTURE OF THE SANTO ANDRÉ TRANSVERSE DUNES (PORTUGAL) INTERPRETED FROM GROUND-PENETRATING RADAR <i>R. Ramos, M.C. Freitas, C.S. Bristow, C. Andrade, H. Hermozilha, C. Grangeia, M. Senos Matias</i>	
11:30 - 11:50	TWO-PHASE SIMULATION OF COASTAL CURRENT-INDUCED SCOUR AROUND SUBMARINE PIPELINES <i>M.H. Kazeminezhad, A. Yeganeh-Bakhtiary</i>	OPTIMIZATION SCHEME FOR COASTAL MORPHODYNAMIC MODEL <i>K. Chu, C. Winter, D. Hebbeln, M. Schulz</i>	PRELIMINARY COASTAL VULNERABILITY ASSESSMENT FOR KWAZULU-NATAL, SOUTH AFRICA <i>B.J. Palmer, R. Van der Elst, F. Mackay, A.A. Mather, A.M. Smith, S.C. Bundy, Z. Thackeray, R. Leuci, O. Parak</i>	FACTORS CONTROLLING THE DEVELOPMENT OF FOREDUNES ALONG THE ŁEBA BARRIER ON THE SOUTH BALTIC COAST OF POLAND <i>J. Rotnicka</i>	
11:50 - 12:10	A MATHEMATICAL APPROACH OF LOW - FREQUENCY RIP CURRENT OSCILLATION <i>J.L. Lee, J.Y. Lee, I.H. Kim</i>	SCOUR REGIME AND SCOUR DEPTH AROUND A PILE IN WAVES <i>S. Umeda</i>	RELIABILITY OF COASTAL RADAR WERA FOR COASTAL ZONE MANAGEMENT <i>T. Helzel, L. Petersen, V. Mariette, M. Pavec</i>	INCIPIENT FOREDUNES DEVELOPED FROM MARINE - DISPERSED RHIZOME OF AMMOPHILIA ARENARIA <i>M. Hilton, T. Konlechner</i>	
12:10 - 12:30	EVALUATION OF TARGET RELIABILITY INDICES AND PARTIAL SAFETY FACTORS FOR SLIDING OF CAISSON BREAKWATERS <i>S.-W. Kim, K.-D. Suh</i>	THE ROLE OF AN ADEQUATE DETERMINATION OF THE STATE OF NEARSHORE BOTTOM BED LOAD AS A SCALING FACTOR CONTROLLING THE STATE AND THE CHANGES OF THE SHORE IN THE KOŁOBRZEG REGION <i>S. Rudowski, J. Gajewski, B. Hac, K. Makurat, J. Nowak, K. Szeffler</i>	A METHODOLOGICAL PROPOSAL FOR THE DEVELOPMENT OF NATURA 2000 SITES MANAGEMENT PLANS <i>A. Gil, H. Calado, L.T. Costa, J. Bentz, C. Fonseca, A. Lobo, M. Vergilio, J. Benedicto</i>	SAND DUNE DESTRUCTION DUE TO INCREASED HUMAN IMPACTS ALONG THE BULGARIAN BLACK SEA AND ESTONIAN BALTIC SEA COASTS <i>M. Stancheva, U. Ratas, K. Orviku, A. Palazov, R. Rivis, A. Kont, V. Peyche, H. Tönisson, H. Stanchev</i>	
12:30 - 14:00	<i>Lunch</i>				

THURSDAY – MAY, 12

Sessions	Coastal Modelling / Concerto I	GIS and Remote Sensing Applications / Concerto III	Coastal Hazards and Pollution / Norwid	Coastal Dunes / Mickiewicz
14:00 - 14:20	BEACH CUSPS: USING MULTIVARIATE DATA ANALYSIS TECHNIQUES FOR THE IDENTIFICATION OF IMPORTANT VARIABLES AND FOR PREDICTING THEIR SPACING <i>V. Lopes, J. Pais-Barbosa, F. Taveira-Pinto, F. Veloso-Gomes</i>	SPATIAL VARIATION OF COASTAL SAND RIDGE FEATURES APPEARED ON SAR IMAGES <i>T. Kim, J. Park, H. Lee</i>	DATA INVENTORY AND ANALYSIS FOR THE APPLICATION OF WASP IN A COASTAL LAGOON <i>A. Ekdal, A. Tanik, R.B. Ambrose, Jr</i>	COASTAL DUNE FIELDS IN IRELAND: RAPID REGIONAL RESPONSE TO CLIMATIC CHANGE <i>D.W.T. Jackson, J.A.G. Cooper</i>
14:20 - 14:40	DETERMINING THE NEARSHORE WAVE CLIMATE BETWEEN GALINHOS AND GUAMARÉ – BRAZIL <i>A. C. Scudelari, C.J.E.M. Fortes, C.F. Neves</i>	DETERMINATION OF INDICES OF MULTIPLE AND MULTIPLE WEIGHTED GEODIVERSITY OF LANDSCAPE OF THE PIRANHAS-ASSU RIVER, RIO GRANDE DO NORTE – BRAZIL <i>A.M. Grigio, V.E. Amaro, M.A. Diodato, A.F. de Castro</i>	BEACH MORPHODYNAMIC INFLUENCE ON LONG - TERM OIL POLLUTION: THE PRESTIGE OIL SPILL <i>S. Fernández-Fernández, A.M. Bernabeu, F. Bouchette, D. Rey, F. Vilas</i>	EXPERIMENTAL STUDY ON THE EFFECT OF GEOTEXTILE ENCAPSULATED-SAND SYSTEMS ON A FRONTAL BEACH <i>L. das Neves, M.L. Lopes, F. Veloso-Gomes, F. Taveira-Pinto</i>
14:40 - 15:00	DEVELOPMENT OF A QUASI-2D MODEL ON SUSPENDED SEDIMENT TRANSPORT IN SURF ZONE <i>S. Rahman, A. Mano, K. Udo</i>	THE CONTRIBUTION OF GeoSIS_LX DATABASE AND GEOSCIENTIFIC INFORMATION SYSTEM TO THE RECONSTRUCTION OF LISBON'S COASTLINE <i>R. Matildes, I.M. Almeida, R. Taborda, F. Marques</i>	MONITORING SEA LEVEL CHANGE AT CASCAIS TIDE GAUGE <i>C. Antunes</i>	IMPORTANCE OF DUNE EROSION INFLUENCING PROCESSES <i>C. (Kees) den Heijer, D.J.R. Walstra, J.S.M. van Thiel de Vries, B.M. Hoonhout, B.J.A. Huisman, F. L.M. Diermanse, P.H.A.J.M. van Gelder</i>
15:00 - 15:20	EVALUATION OF MET-OCEAN FORECAST DATA EFFECTIVENESS FOR TRACKING DRIFTERS DEPLOYED DURING OPERATIONAL OIL SPILL RESPONSE IN AUSTRALIAN WATERS <i>B.A. Brushett, B.A. King, C.J. Lemckert</i>	GRANULOMETRY ON CLASSIFIED IMAGES OF SAND GRAINS <i>C. Lira, P. Pina</i>	STATISTICALLY BASED SEA CLIFF INSTABILITY HAZARD ASSESSMENT OF BURGAU-LAGOS COASTAL SECTION (ALGARVE, PORTUGAL) <i>F. Marques, R. Matildes, P. Redweik</i>	SEDIMENT TRANSFER FROM BAR TO BEACH? MEASUREMENTS USING A PULSE-COHERENT ACOUSTIC DOPPLER PROFILER <i>T. Aagaard, M.G. Hughes, B. Greenwood</i>
15:20 - 15:40	APPLICATION OF WASP AND SWAT MODELS FOR A MEDITERRANEAN COASTAL LAGOON WITH LIMITED SEAWATER EXCHANGE <i>A. Ekdal, M. Gürel, C. Guzel, A. Erturk, A. Tanik, I.E. Gonenc</i>	BREAKING WAVE MEASUREMENT USING TERRESTRIAL LIDAR: VALIDATION WITH FIELD EXPERIMENT ON AN MALIPO BEACH <i>H.S. Park, J.S. Sim, J. Yoo, D.Y. Lee</i>	DISTRIBUTION OF HEAVY METALS IN THE SURFACE SEDIMENTS OF THE HAN RIVER AND ITS ESTUARY, KOREA <i>K.T. Kim, K. Ra, E.S. Kim, U.H. Yim, J.K. Kim</i>	MESO-SCALE COASTAL DUNE EVOLUTION ALONG THE NORTH LINCOLNSHIRE COAST, UK <i>A-L. Montreuil, J. E. Bullard</i>
15:40 - 16:00	QUANTIFYING THE SEAWARD EFFECT OF CLOSING A MAJOR SURGE BARRIER DURING STORMS <i>J. Rego, D. Dillingh, M. Verlaan, R. Plieger, J. Groeneweg</i>	THE USE OF A GEODATABASE TO CARRY OUT A MULTIVARIATE ANALYSIS OF COASTLINE VARIATIONS AT VARIOUS TIME AND SPACE SCALES <i>S. Pian, D. Menier</i>	MANAGEMENT OF COASTAL POLLUTION BY MEANS OF SMART PLACEMENT OF HUMAN ACTIVITIES <i>T. Soomere, O. Andrejev, A. Sokolov, E. Quak</i>	RAPID COASTAL DUNE MIGRATION INTO TEMPERATE AND EQUATORIAL FORESTS: OPTICAL CHRONOLOGY OF IMAGED UPPER SLIPFACE STRATA <i>I.V. Buynevich, A. Bitinas, P.W.M. Souza-Filho, D. Papienis, N.E. Asp, R.J. Goble, L.E. Kerber</i>
16:00 - 16:30	Coffee-Break			

THURSDAY – MAY, 12

Sessions	Coastal Evolution / Concerto I	Beaches in Fetch-Limited Environments / Concerto III	Estuaries and Lagoons / Norwid	Beach Processes / Mickiewicz
16:30 - 16:50	FORECASTING AND HINDCASTING LONG-TERM MORPHOLOGICAL EVOLUTION OF ESTUARIES AND LAGOONS IN RESPONSE TO SEA LEVEL RISE <i>D.M.R. Sampath, T. Boski, F. Martins, C. Sousa, F.P.L. Filho, F.H. Bezerra</i>	BACKBARRIER EVOLUTION AT A MEDIUM-TERM SCALE <i>A.R. Carrasco, O. Ferreira, A. Matias, P. Freire, J.A. Dias</i>	THREE DIMENSIONAL CIRCULATION MODELING IN THE DEE ESTUARY <i>R. Bolaños, J.M. Brown, A. Souza</i>	DESTRUCTION OF INTERTIDAL BAR MORPHOLOGY DURING A SUMMER STORM SURGE EVENT: EXAMPLE OF POSITIVE MORPHODYNAMIC FEEDBACK <i>G. Masselink, T. Aagaard, A. Kroon</i>
16:50 - 17:10	OFFSHORE WIND FARMS: FOUNDATIONS AND INFLUENCE ON THE LITTORAL PROCESSES <i>M.D. Esteban, J.S. López-Gutiérrez, J.J. Díez, V. Negro</i>	MORPHODYNAMIC CLASSIFICATION OF SANDY BEACHES IN ENCLOSED BASINS: THE CASE STUDY OF ALIMINI (ITALY) <i>I. Lisi, M.G. Molfetta, M.F. Bruno, M. Di Risio, L. Damiani</i>	IMPACT OF SEASONAL BATHYMETRIC CHANGES AND INLET MORPHOLOGY ON THE 3D WATER RENEWAL AND RESIDENCE TIMES OF A SMALL COASTAL STREAM <i>A. Oliveira, M. Rodrigues, A.B. Fortunato, M. Guerreiro</i>	SPATIAL AND TEMPORAL PATTERNS OF SEDIMENT ACTIVATION DEPTH ON A HIGH-ENERGY MICROTIDAL BEACH <i>L. Gómez-Pujol, D.W.T. Jackson, J.A.G. Cooper, G. Málvarez, F. Navas, C. Loureiro, T.A. Smith</i>
17:10 - 17:30	ON MODELLING CROSS-SHORE BEACH MORPHOLOGY <i>H. Karunaratna, J.M. Horrillo-Caraballo, M. Spivack, D.E. Reeve</i>	FAST-FERRY GENERATED WAVES IN SOUTH-WEST TALLINN BAY <i>D. Kurennoy, K.E. Parnell, T. Soomere</i>	COUPLING OF A LAGRANGIAN PARTICLE TRACKING MODULE TO A NUMERICAL HYDRODYNAMIC MODEL: SIMULATION OF POLLUTION EVENTS INSIDE AN ESTUARINE PORT AREA <i>L.M. Vale, J.M. Dias</i>	TEXTURAL CHARACTERIZATION OF THE BEACH ACTIVE LAYER <i>I. Bosnic, J. Cascalho, R. Taborda, M. Ribeiro, A. Oliveira, A. Rodrigues, C. Lira</i>
17:30 - 17:50	CHANGES IN COASTAL PROCESSES IN RELATION TO CHANGES IN LARGE-SCALE ATMOSPHERIC CIRCULATION, WAVE PARAMETERS AND SEA LEVELS IN ESTONIA <i>H. Tõnisson, Ü. Suursaar, K. Orviku, J. Jaagus, A. Kont, D.A. Willis, R. Rivis</i>	ESTUARINE BEACH EVOLUTION IN RELATION TO A FLOOD-TIDE DELTA <i>A. Vila-Concejo, T.P. Austin, D.L. Harris, M.G. Hughes, A.D. Short, R. Ranasinghe</i>	PHYSICAL OCEANOGRAPHIC BEHAVIOR AT THE GUAMA/ACARA-MOJU AND THE PARACAUARI RIVER MOUTHS, AMAZON COAST (BRAZIL) <i>M.O. Bezerra, C. Medeiros, A.P.M. Krelling, R.P. Rosário, M. Rollnic</i>	QUANTIFICATION OF SEDIMENT LOSS FROM SEMI-SHELTERED BEACHES: A CASE STUDY OF VALGERAND BEACH, PÄRNU BAY, THE BALTIC SEA <i>K. Kartau, T. Soomere, H. Tõnisson</i>
17:50 - 18:10	ENVIRONMENT MONITORING ON COASTAL SEDIMENT BY USING DIGITAL CAMERA IMAGES AT NARUGASHIMA IN AWAJI ISLAND, JAPAN <i>K. Uno, G. Tsujimoto, T. Kakinoki</i>	MEDIUM TERM BEHAVIOR AND EVOLUTION OF A BEACH CUSPS SYSTEM IN A LOW ENERGY BEACH, PORT STEPHENS, NSW, AUSTRALIA <i>J. Benavente, D.L. Harris, T.P. Austin, A. Vila-Concejo</i>	PHYSICAL FORCING OF THE HYDROGRAPHY OF THE RIA DE VIGO MOUTH <i>M.C. Sousa, I. Alvarez, N. Vaz, J.M. Dias</i>	BEACH PROFILE CHANGE CAUSED BY VESSEL WAKES AND WIND WAVES IN TALLINN BAY, THE BALTIC SEA <i>I. Didenkulova, E. Pelinovsky, T. Soomere, K. E. Parnell</i>
18:10 - 18:30	MEDIUM-TERM EVOLUTION OF AN INTERMEDIATE BEACH WITH AN INTERTIDAL BAR (AMOREIRA BEACH, SOUTHWEST PORTUGUESE ROCKY COAST) <i>C. Gama, C.J.E.M. Fortes, P. Baptista, L. Albardeiro, L. Pinheiro, R. Salgado</i>	SPATIAL VARIATIONS IN THE WAVE CLIMATE CHANGE IN THE EASTERN PART OF THE BALTIC SEA <i>I. Zaitseva-Pärnaste, T. Soomere, O. Tribštok</i>	ON THE OCCURRENCE OF TIDAL BORES – THE GARONNE RIVER CASE <i>P. Bonneton, J. Van de Loock, J-P. Parisot, N. Bonneton, A. Sottolichio, G. Detandt, B. Castelle, V. Marieu, N. Pochon</i>	HYDRODYNAMIC AND MORPHOLOGICAL RESPONSE OF A PERCHED BEACH DURING SEA BREEZE ACTIVITY <i>S.L. Gallop, C. Bosserelle, C.B. Pattiaratchi, I. Eliot</i>

FRIDAY – MAY, 13

09:00 - 10:00	James P. Syvitzki (University of Colorado) - invited speaker: PLUG AND PLAY COMPONENT MODELING: THE CSDMS APPROACH / Concerto			
10:00 - 10:30	Coffee-Break			
Sessions	Coastal Modelling / Concerto I	Coastal Ecosystems / Concerto III	Sedimentary processes / Norwid	Coastal Dunes / Mickiewicz
10:30 - 10:50	PROGRESS TOWARDS QUANTIFYING STORM SURGE RISK IN FIJI DUE TO CLIMATE VARIABILITY AND CHANGE <i>K.L. McInnes, J.G. O'Grady, K.J.E. Walsh, F. Colberg</i>	EFFECTS OF POSIDONIA OCEANICA SEAGRASS MEADOWS ON STORM WAVES <i>N. Elginoz, M.S. Kabdasli, A. Tanik</i>	COASTAL HYDROFORMS AND HYDROMORPHOLOGIES VS WAVE AND BEACH PARAMETERS <i>J. Pais-Barbosa, F. Veloso-Gomes, F. Taveira-Pinto, V. Lopes</i>	GEOMORPHOLOGY OF A HIGH-ENERGY BARRIER ISLAND ON THE ROCKY WEST COAST OF IRELAND <i>J.A.G. Cooper, D.W.T. Jackson</i>
10:50 - 11:10	MODELLING COASTAL VULNERABILITIES – TOOL FOR DECISION SUPPORT SYSTEM AT INTER-MUNICIPALITY LEVEL <i>F.L. Alves, C. Coelho, C.D. Coelho, P. Pinto</i>	SHORT-TERM PREDICTION OF THE EVOLUTION OF MANGROVE SURFACE AREAS: THE EXAMPLE OF THE MUD BANKS OF KOUROU AND SINNAMARY, FRENCH GUIANA <i>E. Gensac, S. Lesourd, A. Gardel, E.J. Anthony, C. Proisy, H. Loisel</i>	HYDRODYNAMICS OVER A MICROTIDAL DOUBLE CRESCENTIC BARRED BEACH IN LOW ENERGETIC CONDITIONS (LEUCATE BEACH, FRANCE) <i>P. Ferrer, R. Certain, F. Adloff, F. Bouchette, J.-P. Barusseau, S. Meulé, N. Robin</i>	DETAILED ANALYSIS OF OVERWASH ON A GRAVEL BARRIER <i>A. Matias, G. Masselink, I.L. Turner, J.J. Williams, O. Ferreira</i>
11:10 - 11:30	APPLICATION OF A DATA-MODEL ASSIMILATION METHOD TO A 3D SURF ZONE SANDBAR PHYSICAL EXPERIMENT <i>F. Birrien, B. Castelle, V. Marieu, R. Almar H. Michallet</i>	A REVIEW OF THE ECOSYSTEM SERVICES PROVIDED BY BROAD-SCALE MARINE HABITATS IN ENGLAND'S MPA NETWORK <i>S. Fletcher, J. Saunders, R.J.H Herbert</i>	EQUILIBRIUM CONFIGURATION OF SANDY EMBAYED BEACHES FROM THE SOUTHWEST PORTUGUESE ROCKY COAST <i>C. Gama, C. Coelho, P. Baptista, L. Albardeiro</i>	COMPUTATIONAL FLUID DYNAMIC MODELLING OF THREE-DIMENSIONAL AIRFLOW OVER DUNE BLOWOUTS <i>T.A.G. Smyth, D.W.T. Jackson, J.A.G. Cooper</i>
11:30 - 11:50	RAPID FORECAST OF TSUNAMI RUNUP USING SHALLOW-WATER MODELING OF TSUNAMI PROPAGATION IN THE EAST (JAPAN) SEA <i>B.I. Min, V.M. Kaistrenko, E.N. Pelinovsky, B.H. Choi</i>	BIOLOGY OF THE SEDIMENTARY SYSTEM AROUND A COASTAL TOURIST INFRASTRUCTURE AT THE SOUTHERN BALTIC COAST: SPATIAL AND TEMPORAL VARIABILITY <i>T. Radziejewska, B. Wawrzyniak-Wydrowska, A. Witkowski</i>	FLUME EXPERIMENTS ON WAVE NON-LINEAR INTERACTIONS EFFECTS ON BEACH MORPHODYNAMICS <i>P. Prel, H. Michallet, E. Barthélemy</i>	USING COMPUTATIONAL FLUID DYNAMICS TO DETERMINE SUITABLE FOREDUNE MORPHOLOGIES IN NEW ZEALAND <i>W. Pattanapol, S.J. Wakes, M. Hilton</i>
11:50 - 12:10	HINDCASTING OF HIGH SWELL WAVES OFF THE EASTERN KOREAN COAST ON 24 FEBRUARY 2008 USING STRUCTURED AND UNSTRUCTURED WAVE MODELS <i>K.O. Kim, H.S. Lee, B.I. Min, B.H. Choi</i>	WAVE-FORMED MUD BARS: THEIR MORPHODYNAMICS AND ROLE IN OPPORTUNISTIC MANGROVE COLONIZATION <i>A. Gardel, E. Gensac, E.J. Anthony, S. Lesourd, H. Loisel, D. Marin</i>	STUDY OF THE RESPONSIBLE FACTORS FOR THE CLOSURE OF AN INTERMITTENT WASHOUT DURING A STORM SURGE, RIO GRANDE DO SUL, BRAZIL <i>C.G. Serpa, M.A.R. Romeu, J.A.S. Fontoura, L.J. Calliari, E. Melo, M.G. Albuquerque</i>	WATER DYNAMICS IN A BARRIER-LAGOON SYSTEM: CONTROLLING FACTORS <i>M. Pérez-Arlucea, C. Alméjida, R. González-Villanueva, I. Alejo</i>
12:10 - 12:30			LOCAL PROCESSES OF BED DESTABILIZATION IN THE SURF ZONE <i>C. Berni, H. Michallet, E. Barthélemy</i>	COASTAL MANAGEMENT AND LONG-TERM FOREDUNE BEHAVIOR: CHARACTERIZING SEMI-NATURAL FOREDUNE EVOLUTION <i>K.M. Wijnberg, L.M. Bochev van der Burgh, S.J.M.H. Hulscher</i>
12:30 - 14:00	Lunch			

FRIDAY – MAY, 13

Sessions	Coastal Zone Management / Concerto I	Climate Change / Concerto III	Coastal Polices and Planning / Norwid	Impact of Extreme Storms / Mickiewicz
14:00 - 14:20	PHYSICAL EFFECTS RELATED TO RELICT SAND DREDGING FOR BEACH NOURISHMENT IN THE TYRRHENIAN SEA: THE ANZIO CASE <i>O. Nonnis, D. Paganelli, R. Proietti, L. Nicoletti</i>	ASSESSMENT OF FUTURE WAVE CLIMATE ON BASIS OF WIND-WAVE-CORRELATIONS AND CLIMATE CHANGE SCENARIOS <i>N. Dreier, C. Schlamkow, P. Fröhle</i>	TRACKING COASTAL GEOMORPHOLOGICAL CHANGE: AN APPLICATION OF PROTOCOLS TO COLLECT GEOTEMPORAL DATA SETS AT THE NATIONAL LEVEL IN THE US <i>N.P. Psuty, T.M. Silveira</i>	GEOPROCESSING TOOL TO MODEL BEACH EROSION DUE TO STORMS: APPLICATION TO FARO BEACH (PORTUGAL) <i>L.P. Almeida, O. Ferreira, R. Taborda</i>
14:20 - 14:40	COASTAL EROSION AND COASTAL DEFENSE INTERVENTIONS: A COST-BENEFIT ANALYSIS <i>P.C Roebeling, C.D. Coelho, E.M. Reis</i>	URBAN COASTAL FLOODING AND CLIMATE CHANGE <i>J.J. Diez, M.D. Esteban, R. Paz, J.S. López-Gutiérrez, V. Negro</i>	COASTAL SUSTAINABILITY: A COMPARATIVE SOCIO-ECONOMIC LIFESTYLE ASSESSMENT, SOUTH WALES, UK <i>C. House, J. Williams, M.J. Cullis, M.R. Phillips</i>	VALIDATING STORM THRESHOLD USING A SINGLE ENVIRONMENTAL PARAMETER: THE CASE OF CADIZ COAST <i>T.A. Plomaritis, L. Del Río, J. Benavente</i>
14:40 - 15:00	IMPROVEMENTS TO A COASTAL MANAGEMENT PLAN IN SICILY (ITALY): NEW APPROACHES TO BORROW SEDIMENT MANAGEMENT <i>S. Lanza and G. Randazzo</i>	A DETAILED ASSESSMENT OF VULNERABILITY TO CLIMATE CHANGE IN THE GOLD COAST, AUSTRALIA <i>M. Sano, A. Golshani, K.D. Splinter, D. Strauss, W. Thurston, R. Tomlinson</i>	ASSESSMENT OF THE TSUNAMI REHABILITATED FISHERY HARBOURS IN SRI LANKA <i>D.P.C. Laknath, Jun Sasaki</i>	STORM-SURGE INUNDATION ALONG A MULTIBARRED BEACH <i>A. Sancho-García, B.G. Ruessink, J.Guillén</i>
15:00 - 15:20	LANDSCAPE GEO-ECOLOGY: GUIDELINES FOR THE ENVIRONMENTAL MANAGEMENT OF THE ESTUARINE ZONES OF THE NORTHERN COAST OF BRAZIL <i>E.V. Silva, A. Gorayeb, A.J.A. Meireles J.M.M. Rodriguez</i>	QUANTIFYING ERRORS IN LONG-TERM COASTAL EROSION AND INUNDATION HAZARD ASSESSMENTS <i>M.L. Yates, G. Le Cozannet, N. Lenôtre</i>	CARRYING CAPACITY OF SUSTAINABLE TOURISM BASED ON THE BALANCE CONCEPT BETWEEN ECOLOGICAL DAMAGE LOADING AND RECOVERY CAPACITY <i>S. Lee</i>	AN APPLICATION OF DOLAN AND DAVIS (1992) CLASSIFICATION TO COASTAL STORMS IN SW SPANISH LITTORAL <i>N. Rangel-Buitrago, G. Anfuso</i>
15:20 - 15:40	AGRICULTURAL WATER POLLUTION TREATMENT FOR EFFICIENT WATER QUALITY IMPROVEMENT IN LINKED TERRESTRIAL AND MARINE ECOSYSTEMS <i>P.C. Roebeling, M.C. Cunha, L. Arroja, M.E. van Grieken</i>	SPATIAL VARIATIONS IN THE WAVE CLIMATE CHANGE IN THE BALTIC SEA <i>A. Räämet, T. Soomere</i>	ASSUMPTIONS FOR THE STRATEGY OF DEVELOPMENT OF THE WATER SAFETY SYSTEM ON POLISH BALTIC COAST <i>T. Zalewski</i>	IMPACTS OF SEVERE STORM OCCURRED IN APRIL 2010 ALONG RIO DE JANEIRO COAST, BRAZIL <i>G.B. Fernandez, E. Bulhoes, T.B. da Rocha</i>
15:40 - 16:00	THE ROLE OF ARTISANAL FISHERY IN MEDITERRANEAN COASTAL ZONE MANAGEMENT: CASEWORK ON THE SICILIAN COAST <i>S. Vitale, L. Cannizzaro, G. De Stefano, A. Milazzo, B. Barraco</i>	FUTURE SCENARIO SIMULATIONS OF WAVE CLIMATE IN THE NW MEDITERRANEAN SEA <i>M. Casas-Prat, J.P. Sierra</i>	SPIT DYNAMICS ALONG THE CENTRAL WEST COAST OF INDIA: IMPLICATIONS FOR COASTAL ZONE MANAGEMENT <i>Shailesh R. Nayak, V.S. Hegde, Shalini G., Krishnaprasad, P.A., Rajawat A.S, Deepmala N., Girish, K.H</i>	MORPHOLOGICAL CHANGES AT LEVANTE BEACH (CADIZ, SW SPAIN) ASSOCIATED WITH STORM EVENTS DURING THE 2009-2010 WINTER SEASON <i>N. Rangel-Buitrago, G. Anfuso</i>
16:00-16:30	Coffee-Break			

FRIDAY – MAY, 13

Sessions	GIS and Remote Sensing Applications / Concerto I	Estuaries and Lagoons / Concerto III	Coastal Evolution / Norwid	Marine & Coastal protected areas / Mickiewicz
16:30 - 16:50	AUTOMATED GRANULOMETRIC ANALYSIS AND GRAIN-SHAPE ESTIMATION OF BEACH SEDIMENTS USING OBJECT-BASED IMAGE ANALYSIS <i>J. Urbański, A. Wochna, A. Herman</i>	NUMERICAL MODELING OF TAGUS ESTUARY TIDAL DYNAMICS <i>J. M. Dias, J.M. Valentim</i>	MORPHODYNAMIC EVOLUTION OF A MICROTIDAL BARRIER, THE ROLE OF OVERWASH: BEVANO, NORTHERN ADRIATIC SEA <i>M. Sedrati, P. Ciavola, C. Armaroli</i>	DEFINITION OF IRREGULAR AREAS AND GENERATION SUBSIDIES FOR VERIFICATION THE CONSEQUENCES BY HUMAN INTERVENTION TO THE ENVIRONMENT IN COASTAL REGIONS <i>K.S. Silva, C.P. Krueger, D. Leandro, S.C.M. Huinca</i>
16:50 - 17:10	A THREE-DIMENSIONAL GEOGRAPHICAL INFORMATION SYSTEM DESIGN FOR POLAR REGION SCIENTIFIC RESEARCH <i>X. Zhang, W. Dong, J. Liu, T. Chi</i>	WALLS OF THE SALTPANS OF THE AVEIRO LAGOON, PORTUGAL – CURRENT STATUS AND PROPOSED NEW SOLUTIONS USING GEOSYNTHETICS <i>D.M. Carlos, M. Pereira, S. Costa, M. Pinho-Lopes, C. Coelho</i>	SEA ICE SHAPING THE SHORES <i>K. Orviku, J. Jaagus, H. Tõnisson</i>	NEW APPROACHES TO ENVIRONMENT CONSERVATION AND SUSTAINABILITY IN SMALL ISLANDS: THE PROJECT SMARTPARKS <i>C. Fonseca, H. Calado, C. Pereira da Silva, A. Gil</i>
17:10 - 17:30	SEASONAL AND INTER-ANNUAL (2002-2010) VARIABILITY OF THE SUSPENDED PARTICULATE MATTER AS RETRIEVED FROM SATELLITE OCEAN COLOR SENSOR OVER THE FRENCH GUIANA COASTAL WATERS. <i>V. Vantrepotte, H. Loisel, X. Mériaux, G. Neukermans, D. Dessailly, C. Jamet, E. Gensac, A. Gardel</i>	LITHOSTRATIGRAPHIC DEFINITION AND PALEOENVIRONMENTAL RECONSTRUCTION ON ESTUARY AND LAGOON RECENT SEDIMENTS BASED ON CLAY GEOCHEMICAL AND MINERALOGICAL ANALYSIS <i>F. Rocha</i>	MEDIUM-TERM MORPHODYNAMIC EVOLUTION OF A SMALL COASTAL INLET <i>P. Freire, R. Taborda, X. Bertin, M. Guerreiro, A.B. Fortunato, A.M. Silva, C. Andrade, A. Oliveira, C. Antunes, M.C. Freitas, A. Nahon, M. Rodrigues, N. Bruneau</i>	ARTISANAL FISHERIES AS INDICATOR OF PRODUCTIVITY IN AN AMAZONIAN EXTRACTIVIST RESERVE (CURUÇÁ RIVER ESTUARY, NE AMAZONIAN COAST, BRAZIL) <i>B. Barros, J. V. O. Caetano, F. A. Abrunhosa, M. Vallinoto</i>
17:30 - 17:50	INTEGRATION OF SPATIAL VARIABLES DERIVED FROM REMOTELY SENSED DATA FOR THE MAPPING OF THE TIDAL SURFACE SEDIMENT DISTRIBUTION <i>J.K. Choi, J.H. Ryu, J. Eom</i>	ESTIMATION METHOD OF OXYGEN PENETRATION DEPTH INTO THE BOTTOM SEDIMENT AT STRONGLY-ENCLOSED SEA AREA <i>T. Shigematsu, T. Endo</i>	COASTAL-CHANGE ESTIMATES INFERRED FROM REMNANT CLIFF-TOP DUNES <i>M. Ferraz, P. Cowell, L. Rebêlo</i>	
17:50 - 18:10	MODELING AND DEVELOPMENT OF A COMPUTATIONAL SYSTEM FOR EVALUATION OF THE COASTAL DYNAMICS OF MACAU AREA, RIO GRANDE DO NORTE STATE, BRAZIL <i>A.F. de Castro, V.E. Amaro, M.V.S. Souto, A.M. Grigio, C.C.M. de Freitas</i>	HYDRODYNAMICS ON SEEDLINGS OF HALOPHYTIC PLANTS AROUND A SALT MARSH CLIFF <i>T. Suzuki, P.C. Klaassen</i>	STAGES OF THE EVOLUTION OF THE SOUTH BALTIC COAST AS RECORDED IN THE MOLLUSCAN FAUNA <i>A. Wojciechowski</i>	
20:00	Symposium Banquet in the Pomeranian Duke's Castle (extra pay for students only)			

SATURDAY – MAY, 14

All Day Field Trip				
08:00-20:00	FT1 - Retro train to the cliff coast	FT2 - Swinoujscie – town on two islands	FT3 - Wolin Island	FT4 - Along Polish