

Poster Program

**Poster Session 1
Monday, 7 September 2015
13:00-14:00**

[P1.01]	Prospective appraisal of the vulnerability of shellfish aquaculture in a subarctic lagoon caused to environmental change H. Abe*, S. Montani, M.J. Kishi, <i>Hokkaido University, Japan</i>
[P1.02]	Land-sea exchange of nutrient salts and organic matter in a small ria. Anthropogenic disturbance of river contributions and ria budget implications R. Prego ¹ , M. Varela ¹ , M.D. Doval ¹ , M.A. Álvarez-Vázquez* ¹ , J. Santos-Echeandía ¹ , E. de Uña-Álvarez ¹ , A. Cobelo-García ¹ , C. García-Soto ¹ , ¹ IIM-CSIC, Spain, ² IEO, Spain, ³ INTECMAR, Spain, ⁴ University of Vigo, Spain
[P1.03]	Numerical models of seasonal dynamics of seagrasses: A review A. Azevedo*, A.I. Lillebø, J.M. Dias, <i>CESAM & University of Aveiro, Portugal</i>
[P1.04]	Sedimentological evidence of the anthropogenic impact in Guanabara Bay-Southeast Brazil: Microfaunal, pollen and geochemical proxies J.A. Baptista-Neto* ¹ , C.F. Barreto ¹ , C.G. Vilela ² , E.M. Fonseca ¹ , G.V. Mello ¹ , O.M. Barth ³ , ¹ Universidade Federal Fluminense, Brazil, ² Universidade Federal do Rio de Janeiro, Brazil, ³ Fundação Oswaldo Cruz, Brazil
[P1.05]	Hydro-sedimentary modelling of the mouth of the Rhône River (France): Role of morphology-current interactions on sediment transport L. Boudet*, F. Sabatier, O. Radakovitch, <i>Aix-Marseille Université, France</i>
[P1.06]	Nutrient and particulate matter transfers from the Kebir-Rhumel coastal River (SW Mediterranean) heavily submitted to the Beni-Haroun dam effects M. Bougdah*, N. Bouchareb, M. Ounissi, <i>Badji Mokhtar University, Algeria</i>
[P1.07]	Assessment of the impact of a wastewater treatment process including Advanced Oxidation Technique on environment using chemical and biological indicators N. Caill-Milly* ¹ , M-N. de Casamajor ¹ , T. Pigot ¹ , T. Paulin ¹ , N. Bru ¹ , F. Sanchez ¹ , J. Marticorena ¹ , L. Lancelleur ¹ , ¹ Ifremer - LRHA, France, ² UPPA - IPREM, France, ³ UPPA - LMAP, France
[P1.08]	Deep and abrupt changes for each level of the estuarine food web X. Chevillot* ¹ , J. Selleslagh ² , G. Lassalle ¹ , V. David ² , G. Bachelet ² , B. Sautour ² , J. Lobry ¹ , ¹ Irstea, France, ² Université de Bordeaux, France
[P1.09]	Metal fate and effects in estuaries: A biogeochemical model for an improved understanding of environmental toxicity A.A. de Souza Machado* ^{3,2} , K. Spencer ³ , M. Toffolon ⁴ , W. Kloas ¹ , C. Zarfl ⁶ , ¹ Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany, ² Freie Universität Berlin, Germany, ³ Queen Mary University of London, UK, ⁴ University of Trento, Italy, ⁵ Humboldt-Universität zu Berlin, Germany, ⁶ Eberhard Karls Universität Tübingen, Germany
[P1.10]	Adding artificial rock pools to enhance coastal structures - where, when and how A.J. Evans* ¹ , L.B. Firth ² , S.J. Hawkins ³ , E.S. Morris ⁴ , H. Goudge ⁴ , P.J. Moore ¹ , ¹ Aberystwyth University, UK, ² Plymouth University, UK, ³ University of Southampton, UK, ⁴ Marine Ecological Solutions Ltd., UK
[P1.11]	Comparison of seasonal and inter-annual patterns of variability of coastal zooplankton along a latitudinal gradient in the northeast atlantic shelves province A. Fanjul* ¹ , F. Villate ¹ , I. Uriarte ¹ , A. Iriarte ¹ , A. Atkinson ² , K. Cook ³ , ¹ University of the Basque Country, Spain, ² Plymouth Marine Laboratory, UK, ³ Marine Laboratory, Marine Scotland Science, Scottish Government, UK
[P1.12]	Comparison of mesozooplankton-environment relationships during a fifteen years period at four coastal sites in the north atlantic shelves province F. Villate ¹ , A. Iriarte ¹ , I. Uriarte ¹ , A. Fanjul* ¹ , A. Atkinson ² , K. Cook ² , ¹ University of the Basque Country, Spain, ² Plymouth Marine Laboratory, UK
[P1.13]	Turn and face the strain: Investigating directional alignments between animals and environmental stressors C.M.L. Fraser ^{1,2} , ¹ The University of Sydney, Australia, ² The University of Hong Kong, Hong Kong
[P1.14]	Identification, quantification and fatty acids analysis of the phytoplankton community of Guadalquivir influence area at the Gulf of Cadiz. R. Muñoz ¹ , R. Sánchez-Leal ² , J.P. Cañavate ¹ , C. Vilas ¹ , S. van Bergeijk ¹ , E. Gonzalez-Ortegon* ² , ¹ IFAPA Centro El Toruño, Junta de Andalucía, Spain, ² Spanish Institute of Oceanography- Oceanographic Centre of Cádiz, Spain

[P1.15]	Zooplankton community composition at the Guadalquivir estuary. M. Gutiérrez ¹ , E. González-Ortegón ^{*1} , F. Baldó ² , J.P. Cañavate ¹ , C. Vilas ¹ , ¹ IFAPA Centro El Toruño, Junta de Andalucía, Spain, ² Spanish Institute of Oceanography-O.C. of Cádiz, Spain
[P1.16]	Linking fish diversity, size diversity and structure to nursery function of a temperate estuary E. González-Ortegón ^{*1} , F. Baldó ¹ , P. Drake ² , C. Fernández-Delgado ³ , I. Sobrino ¹ , C. Vilas ⁴ , ¹ Instituto Español de Oceanografía, Spain, ² Instituto de Ciencias Marinas de Andalucía (CSIC), Spain, ³ Universidad de Córdoba, Spain, ⁴ IFAPA Centro El Toruño, Spain
[P1.17]	Dramatic impacts of storm-induced hypoxia on the benthos of a microtidal estuary J.R. Tweedley ¹ , C.S. Hallett ^{*1} , R.M. Warwick ¹ , K.R. Clarke ^{1,2} , I.C. Potter ^{1,2} , F.J. Valesini ¹ , ¹ Murdoch University, Australia, ² Plymouth Marine Laboratory, UK
[P1.18]	Coastal flood protection systems – case studies conclusions M. Iggibel ^{*1} , Y. Nedelec ¹ , N. Berenger ¹ , N. Flouest ¹ , P. Chassé ¹ , A. Bernard ¹ , C. Pitié ² , ¹ Cerema, France, ² CGEDD, France
[P1.19]	Changes in environmental factors and genetic diversity of bacterioplankton communities using 454 pyrosequencing in a semi-closed bay in South Korea S.W. Jung ^{*1} , J.S. Ki ² , J.H. Lee ² , ¹ Korea Institute of Ocean Science & Technology, Republic of Korea, ² Sangmyung Univeristy, Republic of Korea
[P1.20]	Different effects of pond aquaculture on nitrogen dynamics in two Chinese estuaries D. Kaiser ^{*1} , L.S. Herbeck ² , ¹ Leibniz Institute for Baltic Sea Research, Germany, ² Leiniz Center for Tropical Marine Ecology, Germany
[P1.21]	Net-zooplankton abundance and biomass in the bay of annaba (sw mediterranean sea) under estuarine influences M. Khelifi-Touhami [*] , H. Laskri, M. Ounissi, <i>Badji Mokhtar University, Algeria</i>
[P1.22]	Carotenoids or chlorophylls – which are better biomass indicator? M. Lawrec ^{*1,2} , G. Kowalewska ¹ , M. Szymczak-Zyla ¹ , ¹ Polish Academy of Sciences, Poland, ² IO PAN – Centre for Polar Studies (KNOW), Poland
[P1.23]	Recent changes of water and sediment fluxes into the sea from Feiyun River in Zhejiang Province, China S.S. Lu [*] , X.M. Xia, Y.F. Liu, <i>Second Institute of Oceanography, China</i>
[P1.24]	Tidal shear fronts in a tidal channel: Acoustic Doppler current observations S.S. Lu [*] , X.M. Xia, Y.F. Liu, <i>Second Institute of Oceanography, China</i>
[P1.25]	The introduction of alien macrophytes in the Mediterranean and Black Sea: Does the activity of the Suez Canal set the pace? G. Mancinelli [*] , V. Zuccarello, <i>University of Salento, Italy</i>
[P1.26]	Shifts in the trophic position of the Atlantic blue crab Callinectes sapidus Rathbun 1896 across Apulian coastal habitats (SE Italy): A stable isotopes analysis L. Carrozzo ¹ , S. Vizzini ² , G. Mancinelli ^{*1} , ¹ University of Salento, Italy, ² University of Palermo, Italy
[P1.27]	The effect of urban sprawl on mercury contamination in estuarine sediments (Patos estuary, Brazil) N. Mirlean, <i>Federal University of Rio Grande, Brazil</i>
[P1.28]	Optical qualities of CDOM and relation to UVR attenuation in shallow Malaysian coral-reef waters K. Mizubayashi ^{*1,2} , V.S. Kuwahara ¹ , T. Yoshida ³ , M.R.M. Kushairi ⁴ , A.W.M. Effendy ⁵ , B.H.R. Othman ⁵ , T. Toda ¹ , ¹ Soka University, Japan, ² Japan Society for the Promotion of Science, Japan, ³ Universiti Kebangsaan Malaysia, Malaysia, ⁴ Universiti Selangor, Malaysia, ⁵ Universiti Malaysia Terengganu, Malaysia
[P1.29]	Blue carbon capacity of the mediterranean seagrass Cymodocea nodosa is modulated by trophic status and meadow fragmentation state L. Ros, A.M. Ricard, N. Sanmartí, J. Romero, M. Pérez [*] , <i>University of Barcelona, Spain</i>
[P1.30]	Long-term monitoring of estuaries and coasts in South Africa: Status quo and challenges M. Pfaff [*] , J. Nhleko, A. Bovungana, L. Madikiza, A. Boyd, <i>Oceans and Coasts, South Africa</i>
[P1.31]	Trace elements in Suspended Particulate Matter of a coastal lagoon influenced by largest agricultural and aquiculture activities in Mexico G.M. Rodríguez-Figueroa [*] , A.J. Marmolejo-Rodríguez, E. Shumilin, A. Sánchez-González, S. Aguíñiga-García, <i>Instituto Politécnico Nacional, Mexico</i>
[P1.32]	The relative importance of nitrogen-fixation and denitrification in temperate, intertidal zostera mulleri meadows D.G. Russell [*] , M.R. Grace, J. Beardall, P.L.M. Cook, <i>Monash University, Australia</i>

[P1.33]	Establishment of temperature variability of shallow sea-water in historic times from sediments of Cadiz Bay (SW Spain), by mean of high-temperature pyrolysis oxygen stable isotope analysis in bivalve mollusks J.M. Gutierrez-Mas ¹ , R. Álvarez Alonso ² , A. Santos Sánchez ¹ , A. Sánchez Bellón* ¹ , J.M. Ibañez Ageitos ¹ , ¹ University of Cadiz, Spain, ² CSIC, Spain
[P1.34]	Monitoring turbidity as a surrogate of suspended particulate load in transitional waters: A case study in the Gironde estuary P-Y. Diallo ¹ , S. Schmidt* ¹ , M. Moreau ¹ , L. Ouamar ¹ , P. Lebleu ² , ¹ CNRS UMR5805, France, ² Université de Bordeaux, France
[P1.35]	Multiscale bloom dynamics and extremes from a high frequency autonomous measurement system in the Eastern English Channel J. Derot, F.G. Schmitt*, CNRS, France
[P1.36]	Development and application of an integrated Beach Quality Index (BQI) to assess “Environmental quality” and “Public safety and welfare” for three different types of beaches V. Semeoshenkova* ^{1,2} , A. Newton ^{3,4} , ¹ University of Bologna, Italy, ² University of Cadiz, Spain, ³ University of Algarve, Portugal, ⁴ NILU, Norway
[P1.37]	Population based study of <i>Scylla serrata</i> (Forskål, 1775) to build an ecosystem based model for socio-economically sustainable fisheries in indian sundarban S. Sen*, S. Homechaudhuri, University of Calcutta, India
[P1.38]	Incorporating pollinator friendly grassland management regimes into the Thames Estuary Asset Management (TEAM 2100) programme of flood defence works T.A. Gardiner, C.A. Vetori*, Environment Agency, UK
[P1.39]	The effect of reclamation activity on soil quality at the eastern coast of China in recent 60 years X. Wang*, L. Pu, Nanjing University, China
[P1.40]	Inorganic sulphur storage and composition in middle and low saltmarsh soils along the Yancheng coast, China J. Yang, China University of Geosciences, China
P1.41]	Measuring tidal and residual currents and volume transport through the Qiongzhou Strait using the coastal acoustic tomography system X-H. Zhu*, Z-N. Zhu, X. Guo, Y-L. Ma, X. Fan, Y. Long, State Oceanic Administration, China

Poster Session 2

Tuesday, 8 September 2015

11:15-12:15

[P2.01]	Genetic diversity of the species of genus <i>Patella</i> in Madeira archipelago: Preliminary results of the PCT-MAC project BIOVAL R. Araujo* ¹ , S. Ferreira ¹ , J. Quintero ² , N. González ³ , C. Medina ³ , P. Manent ³ , R. Sarmiento ³ , J.A. González ³ , ¹ Museu de História Natural do Funchal, Portugal, ² Molecular Systematics Laboratory, Spain, ³ Universidad de Las Palmas de Gran Canaria, Spain
[P2.02]	The response of the UK WFD Saltmarsh tool to various hydromorphological pressures and determining management actions M. Best*, K. McGruer, N. Phelan, Environment Agency, UK
[P2.03]	Can realigned salt marshes ever match up to natural ecosystem function? - A seasonal analysis of sediment characteristics relative to above ground biodiversity L.L. Cai* ¹ , K.M. Fenn ¹ , A. Garbutt ² , K.R. Redeker ¹ , ¹ University of York, UK, ² CEH Bangor, UK
[P2.04]	Ecological risk assessment of uninhabited island based on analytic hierarchy process -- a case study of Da Zhuzhi Island J. Cheng, The Second Institute of Oceanography, China
[P2.05]	Reading outside the box: Researchers in marine ecology may not be reading as widely as they should R.A. Coleman* ¹ , P. Chassé ² , J. Gacutan ¹ , I. Loughland ¹ , D. Luo ¹ , L. Pettit ¹ , A. Thran ¹ , ¹ The University of Sydney, Australia, ² Ecole Normal Supérieure, France
[P2.06]	The role of the morpho-hydro-geologic setting of the Venice coastland in the salt-freshwater and surface water-groundwater exchange C. Da Lio* ¹ , L. Tosi ¹ , E. Carol ² , A. Viezzoli ³ , A. Menghini ³ , P. Teatini ^{1,4} , ¹ National Research Council, Italy, ² Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina, ³ Aarhus Geophysics APS, Denmark, ⁴ University of Padova, Italy
[P2.07]	Unravelling the signs and effects of biogeomorphic feedbacks in salt-marsh systems A. D'Alpaos* ¹ , M. Marani ¹ , ¹ University of Padova, Italy, ² Duke University, USA

[P2.08]	The environmental impact of the situation on the seaports management A. Dawood, <i>Arab Academy for Science & Technology and Maritime Transportation, Egypt</i>
[P2.09]	Lessons from a knowledge intervention to explore stakeholders' system understanding of a small, dynamic estuary in the Netherlands F.M. d'Hont* ¹ , J.H. Slinger ^{1,2} , ¹ <i>Delft University of Technology, The Netherlands</i> , ² <i>Rhodes University, South Africa</i>
[P2.10]	Coastal Human actions on natural morph-dynamics around Ria of Foz (NW Spain). Risk analysis E.M. Veiga, J.J. Diez*, F. Rodriguez, <i>Technical University of Madrid, Spain</i>
[P2.11]	Similarities between summer nearshore and inner-shelf plankton communities in the Mediterranean Sea E. Garcés* ¹ , A. Jordi ² , E. Alacid ¹ , A. Reñé ¹ , N. Sampedro ¹ , E. Flo ¹ , I. Ferrera ¹ , J. Camp ¹ , I. Álvarez ² , J. Font ¹ , ¹ <i>Institut de Ciències del Mar (CSIC), Spain</i> , ² <i>IMEDEA (UIB-CSIC), Spain</i>
[P2.12]	How to elaborate integrated management of transitional water? Assessment of the reference state in Biguglia lagoon (Corsica, France) M. Garrido* ¹ , P. Cecchi ² , N. Malet ³ , R. De Wit ⁴ , V. Pasqualini ¹ , ¹ <i>University of Corsica, France</i> , ² <i>IRD, France</i> , ³ <i>IFREMER, France</i> , ⁴ <i>CNRS, France</i>
[P2.13]	Chemical treatment of anoxic basins using natural zeolite A. Gianni*, I. Zacharias, <i>University of Patras, Greece</i>
[P2.14]	The validity of a benthic community condition index, the IQI, to inshore and offshore fishing pressures in MSFD waters B.C. Green* ^{1,2} , G. Phillips ¹ , ¹ <i>Environment Agency, UK</i> , ² <i>Natural England, UK</i>
[P2.15]	Wave climate control on the equilibrium morphology of sandy bays M.D. Hurst* ¹ , A. Barkwith ¹ , M.A. Ellis ¹ , C.W. Thomas ¹ , A.B. Murray ² , ¹ <i>British Geological Survey, UK</i> , ² <i>Duke University, USA</i>
[P2.16]	Assessing the effectiveness of management measures in the Ria Formosa coastal lagoon, Portugal J. Icelly* ^{1,2} , A. Newton ^{1,3} , M. Canedo ^{1,4} , D. March ^{1,5} , ¹ <i>University of Algarve, Portugal</i> , ² <i>Sagrmarrisco Lda, Portugal</i> , ³ <i>NILU-IMPEC, Norway</i> , ⁴ <i>University of Vic, Spain</i> , ⁵ <i>Medit. Inst. of Advanced Studies, Spain</i>
[P2.17]	Towards an optimal use of armourstone M. Iigabel* ¹ , V. Le Turdu ¹ , S. Barlier ¹ , N. Rouxel ¹ , M. Dumas ² , R. Bodet ³ , ¹ <i>Cerema, France</i> , ² <i>CNR, France</i> , ³ <i>UNPG, France</i>
[P2.18]	Spatial valuation map for Gyeonggi Bay in Korea based on emergy methodology D. Kang* ¹ , J. Nam ² , H-W. Choi ³ , K. Son ⁴ , ¹ <i>Pukyong National University, Republic of Korea</i> , ² <i>Korea Maritime Institute, Republic of Korea</i> , ³ <i>Korea Institute of Ocean Science and Technology, Republic of Korea</i> , ⁴ <i>Korea Marine Environment Management Corporation, Republic of Korea</i>
[P2.19]	Does the order of stress matter? Stressor induced sensitivity of estuaries to subsequent stress J. Kenworthy* ^{1,2} , D.M. Paterson ¹ , M. Bishop ² , ¹ <i>University of St Andrews, UK</i> , ² <i>Macquarie University, Australia</i>
[P2.20]	Microphytobenthic primary production on the Daebu mudflats of Korea B.O. Kwon* ¹ , J. Park ¹ , J. Ryu ² , J.S. Khim ¹ , ¹ <i>Seoul National University, Republic of Korea</i> , ² <i>Anyang University, Republic of Moldova</i>
[P2.21]	Morphological evolution of jinshan trough in hangzhou bay since the year of 1972 to 2000 Y.F. Liu* ¹ , S.L. Chen ² , X.M. Xia ¹ , T.L. Cai ¹ , Y.N. Chen ¹ , ¹ <i>Second Institute of Oceanography, China</i> , ² <i>East China Normal University, China</i>
[P2.22]	Integrating management tools and concepts to develop an estuarine planning support system: A case study of the Humber Estuary, Eastern England J. Lonsdale* ^{1,2} , M. Elliott ¹ , K. Weston ¹ , ¹ <i>Cefas, UK</i> , ² <i>University of Hull, UK</i>
[P2.23]	Spatial variation in trophic structure of demersal fish communities in the marine environment of Hong Kong, South China Y.K.Y. Mak* ¹ , L.S.R. Tao ¹ , K.K.Y. Ho ¹ , M. Perkins ¹ , W.W.L. Cheung ² , Y. Sadovy de Mitcheson ¹ , G.A. Williams ¹ , D. Dudgeon ¹ , K.M.Y. Leung ¹ , ¹ <i>The University of Hong Kong, Hong Kong</i> , ² <i>University of British Columbia, Canada</i>
[P2.24]	Using fish trophic position as an index of good environmental status in coastal ecosystems: A preliminary, within-habitat assessment in the Acquatina Lagoon (SE Italy) F. Chiappalone, G. Mancinelli*, <i>University of Salento, Italy</i>
[P2.25]	Trace elements from the central Pacific Mexican coast: Tectonic, iron ore, and anthropogenic influences A.J. Marmolejo-Rodríguez* ¹ , A.R. Morales-Blake ² , I. González-Chavarín ² , D. Hernández-Becerril ³ , R. Alonso-Rodríguez ³ , A. Sánchez-González ¹ , V.R. Magallanes-Ordóñez ¹ , ¹ <i>Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional, Mexico</i> , ² <i>Universidad de Colima, Mexico</i> , ³ <i>Universidad Nacional Autónoma de México, Mexico</i>

[P2.26]	Economic valuation of the "scientific and educational activities development" ecosystem service associated with the Araçá Bay (São Sebastião, SP, Brazil) C.D. Carrilho, P.A.A. Sinisgalli, F.O. Nunes*, <i>Universidade de São Paulo - USP, Brazil</i>
[P2.27]	Is FluoroProbe® an efficient tool for the quantification and the taxonomic discrimination of phytoplankton in lagoon environment (Mediterranean Sea)? M. Garrido ¹ , N. Malet ² , P. Cecchi ³ , B. Bec ⁴ , V. Pasqualini* ¹ , ¹ <i>University of Corsica, France</i> , ² <i>IFREMER, France</i> , ³ <i>IRD, France</i> , ⁴ <i>University of Montpellier, France</i>
[P2.28]	Historical coastal changes in Campania (southern Italy): Geo-archaeologic data and possible implications for the future V. Amato ¹ , P.P.C. Aucelli ² , G. Mattei ² , G. Pappone ² , A. Rizzo* ² , C. Roskopf ¹ , ¹ <i>Università degli Studi del Molise, Italy</i> , ² <i>Università degli Studi di Napoli Parthenope, Italy</i>
[P2.29]	National marine biological analytical quality control scheme C. Scanlan*, A. Fischer, <i>NMBAQC, UK</i>
[P2.30]	Water framework directive seaweed monitoring in Scotland C. Scanlan*, K. Gray, N. Cross, R. Foster, <i>Scottish Environment Protection Agency (SEPA), UK</i>
[P2.31]	Fractal analysis of the changes of contour lines in huangcheng beach before and after a typhoon X.L. Tong ^{1,2} , L.Q. Shi* ² , X.M. Xia ² , ¹ <i>Zhejiang University, China</i> , ² <i>Second Institute of Oceanography, China</i>
[P2.32]	Keystone species across European seas: A species catalogue C.J. Smith* ¹ , K-N. Papadopoulou ¹ , K. Sevastou ¹ , A. Franco ² , H. Teixeira ³ , C. Piroddi ³ , S. Katsanevakis ³ , K. Fürhaupter ⁴ , O. Beauchard ⁵ , S. Cochrane ⁶ , ¹ <i>Hellenic Centre for Marine Research, Greece</i> , ² <i>University of Hull, UK</i> , ³ <i>European Commission Joint Research Centre, Italy</i> , ⁴ <i>Marilim Association for Aquatic Research and Investigations GmbH, Germany</i> , ⁵ <i>Netherlands Institute of Sea Research, The Netherlands</i> , ⁶ <i>Akvaplan-NIVA, Norway</i> , ⁷ <i>Institut Méditerranéen de la Biodiversité et d'Ecologie Marine et Continentale, Centre National de la Recherche Scientifique, France</i> , ⁸ <i>Klaipeda University, Lithuania</i> , ⁹ <i>Bulgarian Academy of Sciences, Bulgaria</i> , ¹⁰ <i>Russian National Academy of Sciences, Russia</i>
[P2.33]	Zooplankton of the Scheldt river continuum A.C. Sossou* ^{1,2} , S. Chambord ^{1,4} , T. Maris ⁴ , M. Le Coz ^{1,3} , F. Azémar ^{1,2} , E. Buffan-Dubau ^{1,2} , G. Spronk ⁵ , J. Kromkamp ⁶ , P. Meire ⁴ , M. Tackx ^{1,2} , ¹ <i>Université de Toulouse, France</i> , ² <i>CNRS, France</i> , ³ <i>Université Lille 1, France</i> , ⁴ <i>University of Antwerp, Belgium</i> , ⁵ <i>Rijkswaterstaat Zuiderwageningplein, Belgium</i> , ⁶ <i>NIOZ Royal Netherlands Institute for Sea Research, The Netherlands</i>
[P2.34]	Nutrient loading to Manila Bay, Philippines from domestic and agricultural activities L.P.A. Sotto* ¹ , A.H. Beusen ² , C.L. Villanoy ¹ , A.F. Bouwman ² , G.S. Jacinto ¹ , ¹ <i>University of the Philippines Marine Science Institute, The Philippines</i> , ² <i>Utrecht University, The Netherlands</i>
[P2.35]	Short-term net methylmercury production in re-flooded agricultural soils and implications for the tidal inundation of low-lying coastal land M.A. Morris ¹ , K.L. Spencer* ¹ , L.R. Belyea ¹ , B.A. Branfireun ² , ¹ <i>Queen Mary University of London, UK</i> , ² <i>University of Western Ontario, Canada</i>
[P2.36]	Chloropigment proxies in recent sediments - comparison of the Gulf of Gdańsk (Poland) and Drammen/Oslofjord (Norway) M. Szymczak-Zyla* ¹ , G. Kowalewska ¹ , A. Filipkowska ¹ , L. Lubecki ¹ , M. Lawrec ^{1,2} , A. Zaborska ¹ , A. Winogradow ¹ , ¹ <i>Polish Academy of Sciences, Poland</i> , ² <i>IOPAN-Centre for Polar Studies (KNOW), Poland</i>
[P2.37]	Modified sediments and subsurface hydrology in natural and recreated saltmarshes J.A. Tempest* ¹ , K.L. Spencer ² , G.L. Harvey ² , ¹ <i>University of Cambridge, UK</i> , ² <i>Queen Mary University of London, UK</i>
[P2.38]	Laser scanning techniques to characterise salt marsh topography and vegetation canopy structure J.A. Tempest*, I. Möller, T. Spencer, <i>University of Cambridge, UK</i>
[P2.39]	Perceptions of aquaculture and blue-growth sea-use scenarios along the Skagerrak coast J-B. Thomas* ¹ , E. Risén ¹ , J. Nordström ¹ , M.E. Malmström ¹ , F. Gröndahl ¹ , ¹ <i>KTH Stockholm, Sweden</i> , ² <i>Lund University, Sweden</i>
[P2.40]	Vulnerability to relative land subsidence in the Po River Delta - Venice region L. Tosi* ¹ , C. Da Lio ¹ , T. Strozzi ² , U. Wegmüller ² , P. Teatini ^{1,3} , ¹ <i>National Research Council, Italy</i> , ² <i>Gamma Remote Sensing, Switzerland</i> , ³ <i>University of Padova, Italy</i>
[P2.41]	The impact of multiple climate stressors on coastal biodiversity and associated regulating ecosystem services S.W. Watson* ^{1,2} , N.B. Beaumont ¹ , S.W. Widdicombe ¹ , D.P. Paterson ² , ¹ <i>Plymouth Marine Lab, UK</i> , ² <i>University of St Andrews, UK</i>
[P2.42]	The distribution patterns and reference values of marine species richness in Chinese coastal waters W.W. Yu*, B. Chen, Z.Y. Ma, <i>The Third Institute of Oceanography, State Oceanic Administration, China</i>

[P2.43]	Influence of estuarine dynamics on macrobenthos spatial variability along the southeast continental shelf of Brazil I.R. Zalmon* ¹ , C.E. Rezende ¹ , I. Sallorenzo ⁴ , V.G. Veloso ² , R. Paranhos ³ , A.P. Falcão ⁵ , T.C.M. Almeida ⁶ , ¹ University of North Rio de Janeiro, Brazil, ² Federal University of Rio de Janeiro State, Brazil, ³ Federal University of Rio de Janeiro, Brazil, ⁴ Federal Fluminense University, Brazil, ⁵ PETROBRAS, Brazil, ⁶ University of Itajai Vale, Brazil
[P2.44]	The effects of micro-relief on soil properties in a reclaimed eastern coastal region of China M. Zhang* ¹ , L.J. Pu ^{1,2} , X.H. Wang ¹ , Q.Q. Wang ¹ , X. Yu ¹ , ¹ Nanjing University, China, ² The Key Laboratory of the Coastal Zone Exploitation and Protection, China

Poster Session 3

Wednesday, 9 September 2015

13:15-14:15

[P3.01]	Observations of hydrography and biogeochemistry of Qatar's coastal area: Towards establishment of a long-term monitoring initiatives E.S. Al-Ansari* ¹ , Y.S. Husrevoglu ¹ , M.A. Abdel-Moati ² , I.A. Al-Maslmani ¹ , ¹ Qatar University, Qatar, ² Ministry of Environment, Qatar
[P3.02]	Assessment of petroleum hydrocarbon in the continental shelf of Sergipe and south of Alagoas M.R. Alexandre* ¹ , H.S. Dorea ¹ , F.C. Damasceno ¹ , G.S. Santana ¹ , T.C. Batista ¹ , M.R.R. Souza ¹ , R.A. Lourenço ^{2,3} , ¹ Federal University of Sergipe, Brazil, ² São Paulo University, Brazil, ³ Petrobras/CENPES/AMA, Brazil
[P3.03]	Nutrient and particulate matter transfers from two atypical estuaries into the Bay of Annaba (SW Mediterranean) A.B. Amira*, M. Ounissi, <i>Badji Mokhtar University of Annaba, Algeria</i>
[P3.04]	Removal of phosphate by seaweeds in a tropical coastal area influenced by phosphate ore mine (La Paz Bay, Gulf of California, Mexico) D. Anguas*, A. Sanchez, M. Casas-Valdez, I. Sanchez-Rodriguez, A. Piñon-Gimate, S. Cota, <i>Instituto Politecnico Nacional, Mexico</i>
[P3.05]	Variation of C:N ratio in <i>Thalassia testudinum</i> during a rainy anomalous year in the Mexican Caribbean D. Anguas* ¹ , A. Sanchez ¹ , A. Talavera ¹ , M.C. Ortiz ² , ¹ Instituto Politecnico Nacional, Mexico, ² ECOSUR-Unidad Chetumal, Mexico
[P3.06]	The impact of a sanitary landfill in the Imboassú estuary, implications for the heavy metal pollution in Guanabara Bay, SE Brazil G. Lourenço Fernandes Jr, G. Vaz de Mello, L. Gomes Lima Ferreira, J.A. Baptista Neto*, <i>Universidade Federal Fluminense, Brazil</i>
[P3.07]	Massive urbanization and coastal management in Mediterranean deltaic systems: The unsustainable growth model of southern Spain R.J. Bergillos*, J.M. Luengo, C. Rodríguez-Delgado, M. Ortega-Sánchez, <i>University of Granada, Spain</i>
[P3.08]	Distribution of pore water phosphate and ammonium in sediments of a eutrophicated estuary of the southern Baltic Sea F. Bitschofsky*, S. Forster, <i>University of Rostock, Germany</i>
[P3.09]	Trace elements in a sedimentary core near Laguna Verde Nuclear Power Plant, Veracruz, Mexico S. Bojórquez-Sánchez* ¹ , A.J. Marmolejo-Rodríguez ¹ , A.C. Ruíz-Fernández ² , A. Sánchez-González ¹ , J.A. Sánchez-Cabeza ³ , H. Bojórquez-Leyva ² , L.H. Pérez-Bernal ² , ¹ Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional, Mexico, ² Instituto de Ciencias del Mar y Limnología (Unidad Académica Mazatlán) UNAM, Mexico, ³ Instituto de Ciencias del Mar y Limnología (Ciudad Universitaria, DF) UNAM, Mexico
[P3.11]	Element transformation rates and fluxes across the sediment-water interface in the Baltic Sea M. Lipka, B. Liu, A. Wegwerth, O. Dellwig, V. Winde, M.E. Böttcher*, <i>Leibniz Institute for Baltic Sea Research (IOW), Germany</i>
[P3.12]	Carbon isotopes in dissolved inorganic carbon as tracers for physical and biogeochemical processes in tidal basins of the North Sea V. Winde ¹ , I. Schmiedinger ¹ , P. Escher ¹ , P. Boening ² , J.E.E. van Beusekom ³ , M.E. Böttcher* ¹ , ¹ Leibniz Institute for Baltic Sea Research (IOW), Germany, ² Max Planck Institute for Marine Microbiology, Germany, ³ Hamburg University, Germany

[P3.13]	Mapping total suspended sediments in the Po River prodelta with multi-temporal Landsat-8 OLI data F. Braga* ¹ , V.E. Brando ^{2,3} , C. Giardino ² , M. Bresciani ² , D. Bellafiore ¹ , F. Maicu ¹ , F. Riminucci ^{1,4} , G. Lorenzetti ¹ , M. Ravaoli ¹ , L. Zaggia ¹ , ¹ Institute of Marine Sciences (ISMAR-CNR), Italy, ² Institute for Electromagnetic Sensing of the Environment (IREA-CNR), Italy, ³ Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia, ⁴ ProAmbiente S.c.r.l., Emilia-Romagna High Technology Network in Bologna, Italy
[P3.14]	Diatoms as environmental indicators in New Jersey coastal lagoons N. Desianti* ¹ , T. Belton ² , M. Enache ² , P. Kiry ³ , M. Potapova ^{1,3} , R. Thomas ³ , D. Velinsky ^{1,3} , P. Zelanko ³ , ¹ Drexel University, USA, ² New Jersey Department of Environmental Protection, USA, ³ Drexel University, USA
[P3.15]	Partition of metals and their distribution within estuarine mangrove sediments, west coast of India M.C. Fernandes*, G.N. Nayak, Goa University, India
[P3.16]	What can <i>Talitrus saltator</i> tell us about variations in the trace metal bioavailability in the Baltic Sea coastal waters? W.M. Fialkowski, Jagiellonian University, Poland
[P3.17]	Tidal variation of brackish water environment in sediment in ohta river estuary, Japan K. Komai* ¹ , T. Takeuchi ¹ , K. Nakayama ¹ , S. Nakashita ² , H.D. Nguyen ³ , ¹ Kitami Institute of Technology, Japan, ² Hiroshima University, Japan, ³ Thuy Loi University, Vietnam
[P3.18]	Alive and dead distinction and estimation of post-mortem interval of a marine copepod <i>Acartia steueri</i> by image analysis of neutral red staining Y. Kumagai* ¹ , K. Tsuchiya ¹ , S. Shimode ² , T. Toda ¹ , ¹ Soka University, Japan, ² Yokohama National University, Japan
[P3.19]	Spatial and temporal variability of the suspended sediment distribution observed by remote sensing Y.K. Lee*, J.K. Choi, J. Eom, S. Yoon, Korea Institute of Ocean Science & Technology, Republic of Korea
[P3.20]	Application of unmanned aerial vehicles (UAVs) for generating high-resolution intertidal DEM J.K. Choi, B. Kim, Y.K. Lee*, Korea Institute of Ocean Science & Technology, Republic of Korea
[P3.21]	The need for a functional ecosystem based approach for defining and delineating estuarine boundaries S. Little*, M. Elliott, D.R. Parsons, University of Hull, UK
[P3.22]	Sediment transport in a tidal inlet: The case of the Lido Inlet, Venice, Italy F. Madricardo* ¹ , C. Amos ² , F. De Pascalis ¹ , C. Ferrarin ¹ , G. Lorenzetti ¹ , H. Kassem ² , A. Kruss ¹ , F. Maicu ¹ , A. Petrizzo ¹ , G. Umgieser ¹ , ¹ CNR-ISMAR, Italy, ² NOC-University of Southampton, UK
[P3.23]	Leaf litter colonization by vagile macroinvertebrates in a Mediterranean lagoon: A matter of body size and water temperature G. Mancinelli*, F. Vignes, A. Basset, University of Salento, Italy
[P3.24]	Willows in tidal wetlands: Multipurpose plantations with "no regrets"? H. Markus-Michalczyk*, K. Jensen, University of Hamburg, Germany
[P3.25]	Impacts and management of vehicles and horses on sand beaches I.D. Marsden*, G.F. Taylor, D.E. Hart, University of Canterbury, UK
[P3.26]	Economic, social and environmental factors affecting the European islands: Challenges and opportunities for adopting the Ecosystem Approach to island development Z. Mendas, Anglia Ruskin University, UK
[P3.27]	Influence of an aggregate extraction in remobilizing metals and organics from sediments in surface waters of the bay of Seine (France) F. Menet-Nedelec*, P. Riou, J-F. Chiffolleau, F. Maheux, O. Pierre-Deplessix, E. Rabiller, B. Simon, Ifremer, France
[P3.28]	The effect of macrofauna communities on porewater profiles and sediment in San Teodoro coastal lagoon, Sardinia E. Arévalo ¹ , S.C. García ¹ , D. Cabana ² , S. Reizopoulou ² , A. Nikolaidou* ¹ , ¹ University Of Athens, Greece, ² Hellenic Center for Marine Research, Greece
[P3.29]	In-situ X-ray fluorescence analysis: Rapid data acquisition for risk assessment in the coastal zone F.T. O'Shea*, K.L. Spencer, J. Brasington, Queen Mary University of London, UK
[P3.30]	Trophic interactions and variability of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of <i>Cynoscion jamaicensis</i> in a subtropical estuary of the southwestern Atlantic M.C.J. Pucci*, L.S.H. Soares, Instituto Oceanográfico da Universidade de São Paulo, Brazil
[P3.31]	Subsidence and relative sea level rise in a typical Tyrrhenian coastal area and implications for future coastal inundation. The case of Voltorno coastal plain (southern Italy) P.P.C. Aucelli ¹ , G. Benassai ¹ , G. Di Paola ² , P. Incontri ¹ , G. Pappone ¹ , A. Rizzo* ¹ , ¹ Università degli Studi di Napoli Parthenope, Italy, ² Università degli Studi del Molise, Italy

[P3.32]	Response of morphology and tissue properties of tidal marsh plants to wave activity K. Schoutens* ¹ , A. Silinski ¹ , J. Schoelynck ² , P. Meire ² , S. Temmerman ² , ¹ <i>University of Antwerp, Belgium</i> , ² <i>Ecosystem Management Research Group, Belgium</i>
[P3.33]	Processing and utilisation of Eel <i>Anguilla anguilla</i> (Linnaeus, 1758) in Epe Local Government, Lagos Nigeria: Any need for improvement? M.O. Ipinmoroti, I.O. Taiwo*, <i>Osun State University, Nigeria</i>
[P3.34]	Effects of trawling ban on the diversity of demersal crustaceans (orders: Decapoda and Stomatopoda) in the marine environment of Hong Kong L.S.R. Tao* ¹ , K.J.H. Wong ¹ , Y.K.Y. Mak ¹ , A.T.L. Wong ¹ , K.K.Y. Ho ¹ , M. Perkins ¹ , G.A. Williams ¹ , D. Dudgeon ¹ , K.M.Y. Leung KMY ¹ , ¹ <i>The University of Hong Kong, Hong Kong</i> , ² <i>State Key Laboratory in Marine Pollution, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong, Hong Kong, Hong Kong</i>
[P3.35]	Persistent organic pollutants (PCBs, PAHs) in sediments from potential offshore wind farm area located in the Southern Baltic Sea Region K. Pazdro, A. Zak*, G. Siedlewicz, M. Lacka, M. Zajaczkowski, A. Kosakowska, <i>Polish Academy of Sciences, Poland</i>
[P3.36]	Bioactive properties of phytoplankton exudates: Monocultures and environmental samples A. Zak*, M. Lotocka, A. Kosakowska, <i>Polish Academy of Sciences, Poland</i>