

Poster presentations

VLIZ YOUNG MARINE SCIENTISTS' DAY

Friday, 25 February 2011
site Oud Sint-Jan (Brugge)

1	Aerts Tiny and Aurélien Lorent Corrosion in ballast tanks. Experimental setup to establish a regression between the chemical and structural parameters of Grade A steel and the observed rate of corrosion.
2	Alcazar Diana Shane and Marc Kochzius Genetic population structure of blue sea star, <i>Linckia laevigata</i>
3	Braarup Cuykens Ann, Michiel Claessens, Hannelore Maelfait, Elien Dewitte, Annelies Goffin, Eric W.M. Stienen and Colin R. Janssen Sea, beach and birds: plastics everywhere
4	Broekaert Katrien, M. Heyndrickx, S. Hoffman, F. Devlieghere, L. Herman and G. Vlaemynck The microbiota of common shrimps (<i>Crangon crangon</i>) from catch to consumer
5	Carpentier Roos, Johannes Teuchies, Tom Maris, Lieven Bervoets and Patrick Meire Spatial and seasonal variations of metal concentrations in sediments from the Scheldt Estuary
6	Claessens Michiel and Colin R. Janssen Plastics on your plate? Detecting microplastics in sediments and organisms
7	Coates Delphine, Jan Vanaverbeke and Magda Vincx A close up on the soft-sediment macrobenthos around offshore wind turbines
8	Collard Marie, Stéphanie Bonnet and Philippe Dubois Ocean acidification impacts on the physiology and adhesive properties of the starfish <i>Asterias rubens</i>
9	Cordier Mateo, José A. Pérez Agúndez, Walter Hecq and Martin O'Connor Quantification of interdependencies between economic systems and ecosystem services: an input-output model applied to the Seine Estuary
10	Cozzoli Francesco, Tom Ysebaert, Tjeerd J. Bouma, Peter M.J. Herman Modelling biota-mud interactions in estuaries
11	D'haenens Simon, André Bornemann, Peter Stassen and Robert P. Speijer Transient benthic foraminiferal assemblage fluctuations during early Eocene hyperthermals (~53.7 Ma) at DSDP Site 401, Bay of Biscay, North East Atlantic
12	Daneels Dorien, Filip Volckaert and Joost Raeymaekers Genetic selection of Perciform fishes: functional genomic potential of natural and cultured populations
13	De Groote Annelies and Ann Vanreusel Meiofauna of deep-sea cold seeps in the eastern Mediterranean area, with special emphasis on nematode biodiversity and connectivity
14	De Meester Nele, Sofie Derycke and Tom Moens Same looks, different preferences: salinity effects on the coexistence of cryptic species
15	De Vos Stephanie, Peter Bossier, Marnik Vuylsteke and Gilbert Vanstappen AFLP-based genetic map of brine shrimp <i>Artemia franciscana</i>
16	Drake Christopher Evolution of macroecological niches in the marine macroalgae <i>Dictyota</i> (<i>Dictyotales</i> , <i>Phaeophyceae</i>)
17	Dulière Valérie and Sébastien Legrand Operational efficiency as key to designing OSERIT, an intervention support tool in case of oil pollution
18	Everaert Gert, Frederik De Laender, Klaas Deneudt, Peter L.M. Goethals and Colin R. Janssen Should anthropogenic influences be incorporated in marine habitat suitability models?
19	Fettweis Michael, Matthias Baeye, Byung Joon Lee, Frederic Francken, Dries Van den Eynde and Vera Van Lancker Hydro-meteo influence on suspended particle size distributions
20	Haelters Jan, Francis Kerckhof, Thierry G. Jacques and Steven Degraer The harbour porpoise <i>Phocoena phocoena</i> in the Belgian part of the North Sea: trends in abundance and distribution
21	Jossart Quentin, Colin De Bruyn, Chantal De Ridder, Bruno David and Thierry Rigaud Genetic and morphological differentiation of the crab <i>Dissodactylus primitivus</i> , ectoparasite of two sympatric echinoids
22	Kerckhof Francis, Jean-Sébastien Houziaux and Steven Degraer The hidden life of <i>Gwynia capsula</i> (Jeffreys, 1859) (Brachiopoda, Terebratulida) a minute articulate brachiopod new to the Southern North Sea

23	Lagring Ruth, Steven Degraer, Géraldine de Montpellier, Thierry Jacques, Ward Van Roy and Ronny Schallier The impact of the North Sea MARPOL special area designation on oil discharges by vessels: an analysis of 20 years data from Belgian aerial surveillance
24	Lee Byung Joon, Michael Fettweis, Erik A. Toorman and Jian Wang Multimodality of a particle size distribution of marine suspended sediments: significance and application
25	Lipinska Agnieszka, Olivier de Clerck and Els Van Damme Identification and characterization of sex-specific proteins and genes in the brown alga <i>Ectocarpus siliculosus</i>
26	Maris Tom, Lotte Oosterlee, Tom Cox and Patrick Meire Evaluation tools for an estuarine ecosystem
27	Marquez-Ardiente Dorothy Joyce, Koenraad Muylaert and Margaret Chen Investigating the role of phytoplankton in flocculation of suspended matter in estuaries
28	Mascart Thibaud, Lepoint Gilles, Borges Alberto Vieira, Darchambeau François, Dauby Pierre and De Troch Marleen The role of meiofauna in energy transfer in a Mediterranean seagrass bed (Calvi, Corsica)
29	Matola Hakim, Catherine Mwakosya and Shigalla Mahongo The fish species composition and variation of catch from the artisanal fishery in the Pemba Channel of the Western Indian Ocean
30	Michel Loïc, Joseph G. Schnitzler, Alessandra Dupont, Sylvie Gobert, Fabienne Nyssen, Patrick Dauby and Gilles Lepoint Organisms as ecosystems engineers: the case of amphipod grazers from <i>Posidonia oceanica</i> meadows
31	Nabeel M. Alikunhi and Kandasamy Kathiresan Potential of coastal vegetations in carbon sequestration for mitigating the climate change
32	Natrah F.M.I., Tom Defoirdt, Mireille Mardel, Wiyoto Wiyoto, Patrick Sorgeloos and Peter Bossier Quorum sensing inhibitors from micro-algae commonly used in aquaculture
33	Olendo Mike, Nico Koedam and Marc Kochzius Ecological relationship between fish fauna and coral reef benthos in Kiunga Marine National Reserve, Kenya
34	Oosterlee Lotte, Tom Maris, Sander Jacobs and Patrick Meire Evaluation of ecosystem services of a fresh water tidal restoration project
35	Papili Sonia Study of sand dynamics at small scale on the Belgian Continental Shelf to evaluate the risk of mine burial
36	Pecceu Ellen, Kris Hostens and the MESMA consortium A close look at marine spatial management in the Southern North Sea
37	Plovie Aaron, Nancy Nevejan, Tom Defoirdt, Nico Boon and Peter Bossier Quorum sensing-interference to reduce mortality during blue mussel (<i>Mytilus edulis</i>) larviculture
38	Quisthoudt Katrien, Christophe Randin and Nico Koedam Climatic requirements for mangroves: what does ecological niche modelling reveal? - preliminary results
39	Remy François and Gilles Lepoint <i>In situ</i> and experimental study of trophic relationship and diversity of macro-invertebrates associated with dead <i>Posidonia oceanica</i> litter
40	Renders Ellen, Annemie Decostere, Hans Polet, Magda Vincx and Bart Verschuereen Assessment of electric pulse fishing as an environment friendly fishing method in the North Sea
41	Rodriguez-Palma Oscar, Michael Fettweis, Marijn Rabaut, Vera Van Lancker and Steven Degraer The role of suspended particulate matter in the distribution and structure of macrobenthic communities in the Belgian part of the North Sea
42	Rumes Bob and Francis Kerckhof On the occurrence and habitat of <i>Telmatogeton japonicus</i> Tokunaga (Diptera; Chironomidae) in the Southern Bight of the North Sea
43	Rumisha Cyrus C. and Marc Kochzius Influence of trace metals pollution on the community structure of soft bottom macrofauna in intertidal areas of the Dar Es Salaam coast, Tanzania
44	Schwarz Christian, Tom Ysebaert, Liquan Zhang, Zhenchang Zhu and Peter Herman The abiotic grim reaper: determining the survival of salt marsh vegetation
45	Smolders Sven, Stefaan Ides, Yves Plancke, Patrick Meire and Stijn Temmerman Morphological management for the Scheldt Estuary combining safety, port accessibility and ecology

46	Steen Frédérique and Olivier De Clerck Phylogeography and population structure of the brown seaweed <i>Dictyota dichotoma</i> (Dictyotales, Phaeophyceae) along European coastlines
47	Stratigaki Vasiliki, Peter Troch, Leen Baelus and Yannick Keppens Study of wave regeneration by wind in the lee of a farm of wave energy converters using the mild-slope wave propagation model, MILDwave
48	Suganda Diky and Marc Kochzius Population genetic differentiation of mud crab, <i>Scylla serrata</i> in Indonesia
49	Tavernier Ines, Elie Verleyen, Dominic A. Hodgson, Katrien Heirman, Satoshi Imura, Sakae Kudoh, Koen Sabbe, Marc De Batist, Ann-Eline Debeer and Wim Vyverman Late Holocene climate variability as recorded in an isolation basin in the Lützwow Holm Bay region, East Antarctica
50	Terseleer Nathan, Nathalie Gypens and Christiane Lancelot Evaluating the river de-eutrophication gain on the magnitude of Phaeocystis blooms in the Southern North Sea between 1985 and 2005: a model study
51	Tyberghein Lennert, Heroen Verbruggen, Klaas Pauly, Charles Troupin, Frédéric Mineur and Olivier De Clerck Bio-ORACLE: a global environmental dataset for marine species distribution modeling
52	van Broekhoven Wouter, Karin Troost, Pauline Kamermans and Aad Smaal Impact of bivalves on carrying capacity through nutrient feedbacks
53	Van Dam Tamara, Van Tran Thi and Nico Koedam Potential impacts of sea level rise on mangroves in Ca Mau Cape, South Vietnam: an application of remote sensing techniques for assessment
54	Van den Eynde Dries, José Ozer and Stéphanie Ponsar Assessment of primary impacts of global climate changes at the Belgian part of the North Sea
55	Van Hoey Gert and Kris Hostens The use of benthic indicators for environmental status assessment
56	Vandegheuchte Michiel, Geert Silversmit, Bart Vekemans, Laszlo Vincze and Colin Janssen Molluscs in their element? An X-ray view inside
57	Vanden Eede Sarah and Magda Vincx Ecological monitoring of the beach nourishment project Lombardsijde
58	Vanhellemont Quinten, Bouchra Nechad and Kevin Ruddick Creating a regional, multi-year archive of satellite-derived sea surface temperature, chlorophyll <i>a</i> and total suspended matter concentrations
59	Vansteenbrugge Lies, Kris Hostens and Magda Vincx The impact of the invasive comb jelly <i>Mnemiopsis leidyi</i> in the North Sea
60	Verfaillie Els, Koen De Baets, Henning Sten Hansen and Philippe De Maeyer The BLAST decision support system based on indicators for climate change
61	Verschaeren Jens, Tom Maris and Patrick Meire Restoring fish habitat on embanked sites
62	Weijs Liesbeth, Cornelis van Elk, Krishna Das, Ronny Blust and Adrian Covaci Persistent organic pollutants in harbour porpoises from the North Sea from 1990 until 2008: young wildlife at risk?
63	Poos J.J., G. Aarts, S. Vandemaele, W. Willems and A. T. M. van Helmond Estimating spatial and temporal variability of marine species from opportunistic data: a North Sea plaice case study
64	Vandemaele Sofie, Els Torreele, Herwig Leirs and Tom Craeynest Self-sampling: a step in the right direction?
65	Goessens Arnaud, Behara Satyanarayana, Husain Mohd-Lokman and Farid Dahdouh-Guebas Floral diversity and distribution in the mangroves at Matang, west peninsular Malaysia, after a century of sustainable forestry
66	Kodikara K.A.S., E.M.R. Robert, L.P. Jayatissa L.P., F. Dahdouh Guebas, H. Beeckman, N. Schmitz and N. Koedam Successive cambia in the mangrove <i>Avicennia</i> : a study on the three-dimensional structure of the cambia and the functioning of the internal phloem tissue
67	Mascaux Nemo, Farid Dahdouh-Guebas and Marc Kochzius Connectivity of <i>Scylla serrata</i> in Kenya and the Indian Ocean
68	Mgeleka Said and Marc Kochzius Molecular systematic of groupers (Serranidae) in the Indo-West Pacific
69	Mukherjee Nibedita, Farid Dahdouh-Guebas, Vena Kapoor, Rohan Arthur, Nico Koedam, Aarthi Sridhar, Kartik Shanker From bathymetry to bioshields: a review of post-tsunami ecological research in India and its implications for policy

70	Mwakha Victor Alati, Nico Koedam, Farid Dahdouh-Guebas and Mohamed Omar Said Mohamed Who benefits and who loses? Estimating the value of ecosystem goods and services in the Watamu Marine Park and Reserve, Kenya
71	Nfotabong Atheull Adolphe, Léopold G. Essomé Koum, Ndongo Din and Farid Dahdouh-Guebas Mangrove forest structure organisation in a monospecific stand of the black mangrove <i>Avicennia germinans</i> (L.) stearn in the Cameroon Estuary
72	Rans Guillaume, Loku Pulukkuttige Jayatissa, Sanath Hettiarachchi, Nico Koedam and Farid Dahdouh-Guebas Investigating efficiency of greenbelts for the protection of Sri Lanka's coasts against ocean wave surges
73	Van Nederveelde Fleur, Uta Berger, Stefano Cannicci, Nico Koedam and Farid Dahdouh-Guebas Impact of different functional crab groups on propagule recruitment and mangrove forest structure
74	Vande Wynckel David, Mieke Vandaele, Kawsu Jammeh, Alpha Jallow, Hon. Samba Faal, Mustapha Batchilly, Kaliba Senghore, Tom Germonpré, Peter Vanslambrouck, Marc Spegelaere, Farid Dahdouh-Guebas Implementation of a sustainable project in the Tanbi Wetland Complex, Banjul (The Gambia)