

Best poster presentation award 2015

VLIZ Young Marine Scientists' Day (VIVES, Brugge, 20 February 2015)

The possibility to explore the 84 posters will be given from 14:15 onwards.

Kindly tick your **top three** and turn in the forms in one of the three boxes provided for this purpose or at the registration desk by **15:30 o'clock** at the very latest.

1	Alsebai Mohammed, Liesbet Colson, Magda Vincx & Jan Vanaverbeke The effect of the installation of offshore wind farms on soft-sediment macrofauna: a 5-year study from the Thornton Bank
2	Baert Jan M., Colin R. Janssen, Koen Sabbe and Frederik De Laender Diatom diversity: the insurance for primary production in a changing world?
3	Baeye Matthias and Michael Fettweis <i>In situ</i> observations of turbidity plumes at an offshore wind farm
4	Barbut Léo, Sophie Delerue-Ricard, Andreas Vanden Bavière, Gregory Maes, Johan Robbens, Filip A.M. Volckaert and Geneviève Lacroix Integrating field data to parameterize a larval transport model of sole and improve knowledge on connectivity in the North Sea
5	Bekaert Karen, Lisa Devriese, Sofie Vandendriessche, Els Vanderperren Use of and potential biodegradable alternatives for dolly rope, a.k.a "spekking", in Belgian fisheries
6	Benitez-Capistros Francisco, Jean Hugé, Farid Dahouh-Guebas and Nico Koedam Divergent viewpoints on the role of the Galapagos giant tortoise on the conservation and development of the Galapagos Islands
7	Blommaert Lander, Wim Vyverman, Johann Lavaud & Koen Sabbe The ups & downs of life in a biofilm: diatom motility recorded on sediment using an optical approach
8	Boerema Annelies, Lindsay Geerts, Lotte Oosterlee, Stijn Temmerman & Patrick Meire Ecosystem service delivery in restoration projects: temporal effect of ecological succession on the net present value of a tidal marsh restoration project (Schelde Estuary)
9	Boets Pieter, Marco Faasse, Koen Lock and Peter Goethals Alien macroinvertebrates in brackish and marine waters: the situation in Belgium and the Netherlands
10	Bosch Samuel, Lennert Tyberghein and Olivier De Clerck Predictor selection for species distribution modeling in a marine environment
11	Bossier Sieme, Matthias Wolff, Marc Taylor and Karline Soetaert Causes of performance differences between scallop culture in Peru and Chile: a bio-economical modelling approach
12	Buitrago Carol, Rosa Maria van der Ven and Marc Kochzius Genetic diversity and connectivity of <i>Seriatopora hystrix</i> along the East Coast of Africa

13	Burdorf Laurine D.W., Sairah Y. Malkin, Dorina Seitaj, Lorenz Meire, Perran L.M. Cook and Filip J.R. Meysman Long distance electron transport by cable bacteria in marine sediments: a global phenomenon
14	Buyze Evelyn, Koen Sabbe and Wim Vyverman Modelling the relationship between phytoplankton biomass and environmental parameters in the Scheldt Estuary
15	Christiansen Henrik, Werner Ekau, Maria Larsen Sveiåg, Arild Folkvord and Anne Gro Vea Salvanes Age and growth of a keystone species from the Benguela upwelling ecosystem: of sneaky males that grow smaller
16	Colson Liesbet, Gert Van Hoey, Jan Vanaverbeke and Magda Vincx The foreshore: an ecological valuable ecosystem in danger
17	D'Hondt An-Sofie, Koen Sabbe & Tom Moens Developing tidal microcosms for studying diatom-nematode interactions: preliminary results
18	Dahdouh-Guebas Farid, Ludwig Triest, Jean-Yves Dubuisson, Bernard Riéra, Stefano Cannicci, Julio Ruiz Murrieta, François Nguetsop, Saifullah Arifi Bin Jaaman, Satyanarayana Behara and Ian Tibbetts Erasmus Mundus Masters Course in Tropical Biodiversity and Ecosystems - TROPIMUNDO
19	De Backer Annelies and Kris Hostens Marine aggregate dredging impact on demersal fish and epibenthos
20	de Blok Reinhoud, Lennert Tyberghein, Jonas Mortelmans, Koen Sabbe, Lynn Vanhaecke and Wim Vyverman Near real-time monitoring of coastal phytoplankton
21	De Decker Samuel, Pieter Vanormelingen, Koen Sabbe, and Wim Vyverman Reproductive barriers in the <i>Seminavis robusta</i> species complex and their involvement in species diversification
22	De Keukelaere Liesbeth, Els Knaeps & Sindy Sterckx SIMEC, a sensor-generic correction algorithm for adjacency effects in coastal and inland waters
23	De Meester Nele, G.A.P. Dos Santos, A. Rigaux, Y. Valdes, S. Derycke and T. Moens Daily temperature fluctuations alter interactions between closely related species of marine nematodes
24	De Mol Lies, Koen Degrendele and Marc Roche Adaptation of the reference level for sand extraction: feasible or not?

25	De Raedt Jonathan, Jan Baert, Frederik De Laender & Colin R. Janssen Interaction between chemical stress and dispersal in marine phytoplankton communities
26	De Rijcke Maarten, Michiel B. Vandegehuchte, Karel A.C. De Schampelaere, Colin R. Janssen Sick mussels: Toxic algae pave the way for pathogenic bacteria
27	De Smet Bart, Ulrike Braeckman, Magda Vincx and Jan Vanaverbeke Looking at biogenic <i>Lanice conchilega</i> reefs from a different perspective
28	Debusschere Elisabeth, Ewout Blom, Loes J. Bolle, Dick Botteldooren, Gudrun De Boeck, Bert De Coensel, Christ De Jong, Kris Hostens, Amit Kumar Sinha, Sofie Vandendriessche, Maaïke Vercauteren, Magda Vincx, Peter W. Wessels & Steven Degraer A comprehensive study to assess the impact of impulsive sound on juvenile sea bass
29	Del Cortona Andrea, Frederik Leliaert, Klaas Vandepoele and Olivier De Clerck Comparative Transcriptomics and green seaweeds: a novel approach to unravel the remarkable morphology of Ulvophyceae
30	Delerue-Ricard Sophie, Léo Barbut, Andreas Vanden Bavière, Ilaria Coscia, Johan Robbens, Geneviève Lacroix, Filip A.M. Volckaert Connectivity and genetic structure of flatfish for fisheries management and traceability in Belgium
31	Depestele Jochen, Marie-Joëlle Rochet, Ghislain Dorémus, Pascal Laffargue and Eric Stienen Hungry birds! Are there any leftover discards?
32	Derudder Thary Protecting wrecks of warships in the Belgian Part of the North Sea: the national and international legal framework on 'maritime war graves'.
33	Deruytter David, Karel De Schampelaere, Nancy Nevejan and Colin R. Janssen Toxicity of marine metal mixtures is concentration- and metal combination- dependent
34	Desender Marieke, Koen Chiers, Hans Polet, Bart Verschuere, Jimmy H. Saunders, Atle Mortensen, Velmurugu Puvanendran and Annemie Decostere Electrotrawling for brown shrimp: short-term effects on various adult fish species
35	Devriese Lisa, Bavo De Witte, Karen Bekaert, Mattias Bossaer, Kevin Vanhalst, Hannelore Theetaert and Johan Robbens Collateral damage: could microplastics act as a vector for PCBs through the marine ecosystem?

36	Everaert Gert, Frederik De Laender, Michiel Claessens, Jan Baert, Els Monteyne, Patrick Roose, Peter L.M. Goethals & Colin R. Janssen Much to do about nothing? Assessing the toxicity of realistic marine contaminant mixtures
37	García Mayoral Elsa and Marc Kochzius Genetic population structure of <i>Linckia laevigata</i> (blue starfish) in Indo-Malay Archipelago
38	Gauquie Johanna, Lisa Devriese, Johan Robbens, Bavo De Witte Is plastic a sink or source for pollutants?
39	Geerts Lindsay, T.J.S. Cox., T. Maris, J. Kromkamp, R. Blust, K. Soetaert & P. Meire Algal growth inhibition in the historical Schelde Estuary
40	Hademenos Vasileios, Vera Van Lancker, Tine Missiaen & Jan Stafleu Preliminary results on the 3D voxel model of the subsurface of the Belgian Continental Shelf
41	Hassan Wael, Glen Heyvaert and Marc Willems Physical scale modeling of tidal flow hydrodynamics at the port of Zeebrugge
42	Herrewijn Frank Oyster reefs (<i>Crassostrea gigas</i>) stabilize eroding tidal flats under their footprint
43	Heylen Kim, Helen Decleyre, Koen Sabbe, Bjorn Tytgat, Carl Van Colen and Anne Willems Microphytobenthos increases denitrifier and total bacterial abundances in intertidal sediments of a temperate estuary
44	Houttave Kim, Filip Huyghe and Marc Kochzius Connectivity of the skunk clownfish, <i>Amphiprion akallopisos</i> , along the coast of East Africa
45	Hutting Samara The effect of artificial oyster reefs on the community composition of native and exotic species in the Eastern Scheldt
46	Huyghe Filip and Marc Kochzius Self-recruitment versus larval dispersal between populations of Skunk Clownfish on coral reefs near Zanzibar.
47	Indriani Puspa Dwi and Farid Dahdouh-Guebas The understudied mangrove palm <i>Nypa fruticans</i> (Thunb.) Wurmb.: which interactions exist between the Nypa forest and the local community in South Sumatra, Indonesia?
48	Jossart Quentin, Leen Vandepitte, Bruno Danis, Bart Vanhoorne, Lorenzo Bovit & Aaike De Wever AquaRES - Aquatic species Register Exchange and Services
49	Kingunge Pili K., Frank Dehairs, Natacha Brion and Debany Fonseca Batista How reproducible are methods to determine nanomolar concentrations of nitrate and nitrite?
50	Lins Lidia and Ann Vanreusel How strong is the link between CO ₂ carbon flux and benthic communities in the Southern Ocean?

51	Loaiza Iván, Katrien Katrien and Lieven Bervoets The effect of pyrethrin pesticide on the respiration of blue mussel <i>Mytilus edulis</i> : a preliminary experiment
52	Ludevese-Pascual Gladys, Edgar Amar, Peter Bossier & Peter de Schryver Poly-beta-hydroxybutyrate (phb) supplementation influences the lipid levels and fatty acid composition of axenic <i>Artemia</i>
53	Mancuso Francesco Paolo, Olivier De Clerck and Laura Airoidi Effects of local and global stressor on canopy-forming algae and their microbial community
54	Mestdagh Sebastiaan, Ulrike Braeckman, Tom Ysebaert, Tom Moens & Carl Van Colen Estuarine biodiversity and ecosystem functioning under benthic and pelagic sediment change
55	Moeys Sara, Jeroen Gillard, Barbara Bouillon, Koen Van den Berge, Marie Huysman, Lieven Clement, Koen Sabbe, Lieven De Veylder and Wim Vyverman Molecular regulation of mating in the pennate diatom <i>Seminavis robusta</i>
56	Moreau Kelle, Willy Vanhee and Els Torrelee Survey-based stock assessments
57	Nehemia Alex, Frank Dehairs & Kochzius Marc Influence of mangrove deforestation on nutrition ecology and genetic diversity of <i>Uca annulipes</i> along the Tanzania mainland and Zanzibar coast
58	Nnafie Abdel, Bart De Maerschallck, Jebbe van der Werf, Julia Vroom, Arnold van Rooijen, Mick van der Wegen, Marcel Taal, Toon Verwaest and Tomas Van Oyen A modeling analysis of the morphodynamics of the Scheldt mouth
59	Nohe Anja, Lennert Tyberghein, Annelies Goffin, Karien De Cauwer, Ruth Lagring, Klaas Deneudt, Wim Vyverman & Koen Sabbe Phytoplankton composition and biomass changes during the last four decades in the Belgian Coastal Zone - An analysis of historical and present data
60	Nyamora Jane, Marjolein Van Ginneken, and Lieven Bervoets Effects of metals and metal mixtures on the feeding rate of <i>Assellus aquaticus</i> under laboratory conditions.
61	Ong Ee Zin, Tom Moens, Mark Briffa and Carl Van Colen Living in multi-stressed sediments: behavioral consequences for the functioning and diversity in coastal habitats
62	Oosterlee Lotte, Tom Cox, Tom van Engeland, Stijn Temmerman, Patrick Meire Interactions between tidal inundation and sediment accretion in a marsh with controlled reduced tide
63	Oste Jorien, Elisabeth M.R. Robert, Jared O. Bosire and John Nico Koedam Functional and qualitative aspects of mangrove wood in a context of climate change - Importance and priority-setting for conservation and restoration

64	Overgaard Christine How and why the Dutch fished for cod 1818-1911
65	Pringle Nicholas, Quinten Vanhellemont and Kevin Ruddick Detecting Clouds and cloud shadows in Landsat data used for marine applications
66	Ratsimbazafy Hajaniaina A., Thierry Lavitra & Marc Kochzius Estimating an efficient spatial arrangement for the future network of Marine Protected Areas (MPA) of Madagascar, based on the connectivity of marine population.
67	Rumisha Cyrus, Robinson H. Mdegela, Marc Kochzius, Marc Elskens and Martine Leermakers Trace metals in tissues of the tiger prawn <i>Penaeus monodon</i> and mangrove sediments of the Tanzania coast: Is there a risk to marine fauna and public health?
68	Silinski Alexandra, Tjeerd J. Bouma, Patrick Meire and Stijn Temmerman Bio-geomorphic interactions between sedimentation and vegetation dynamics at the transition from intertidal mudflats to marshes
69	Steen Frédérique and Olivier De Clerck Origin and spread of a possibly invasive cryptogenic Dictyota species within the Mediterranean.
70	Stock Willem, Frederik De Boever, Anne Willems, Sven Mangelinckx, Marleen De Troch, Wim Vyverman and Koen Sabbe Favouritism and secret crosstalk in diatom-bacteria relations
71	Taheri Mehrshad, Magda Vincx and Jan Vanaverbeke Effect of short-term hypoxia on feeding activity of intertidal nematodes
72	Theunynck Ruben, Sebastian Uhlmann, Els Vanderperren and Hans Polet Live or let die: survival of discarded plaice
73	Torrez Pieter, Tomas Willems and Magda Vincx Recruitment of the seabob shrimp <i>Xiphopenaeus kroyeri</i> in Surinam
74	Trachet Jan and Wim De Clercq The Storm Surge of 1134. Disaster of none?
75	Tyberghein Lennert, Alberto Vieira Borges, Klaas Deneudt, Xavier Desmit, Bavo De Witte, Johanna Gauquie, Annelies Goffin, Ruth Lagring, Anja Nohe, Koen Sabbe, Francis Strobbe, Dimitry Van der Zande and Karien De Cauwer 4 decades of Belgian marine monitoring: uplifting historical data to today's needs - 4DEMON
77	Van Hoey Gert and Kris Hostens Ecosystem status and indicators: a challenging exercise!
78	Van Tran Thi, Nick Wilson, Katrien Quisthoudt, Xuan-Tuan Le, Minh-Loc Le, Farid Dahdouh-Guebas and Nico Koedam Mangrove response to projected relative sea-level rise in Vietnam

79	Vandenbulcke Annelies, Cornelis Stal, Annelies Incoul, Philippe De Maeyer & Alain De Wulf Mobile mapping for the 3D-modelling of intertidal zones of beaches
80	Vandermeersch Griet, German Cano-Sancho, Karen Bekaert, Antonio Marques & Johan Robbens Risk ranking of emerging contaminants in fish and seafood
81	Verwimp Christophe, Lies Vansteenbrugge, Lisa Devriese, Kris Hostens, Hilde Muylle, Olivier Honnay, Isabel Roldan-Ruiz, Tom Ruttink and Johan Robbens Population genomics of <i>Mnemiopsis leidyi</i> , a notorious marine invader in the North Sea
82	Yaacob Eamy N., Bruno De Geest, Stanislas Laureau, Jens Goethals, Katelijn Schautteet, Stefanie Lagae, Daisy Vanrompay, Kristof Dierckens and Peter Bossier The road to an immune-priming strategy: A case of gnotobiotic European sea bass (<i>Dicentrarchus labrax</i>) larvae
83	Yazdani Foshtomi Maryam, Ulrike Braeckman, Sofie Derycke, Melanie Sapp, Anne Willems, Magda Vincx & Jan Vanaverbeke Effect of natural populations of the ecosystem engineering polychaete, <i>Lanice conchilega</i> , on abundance and diversity of nitrifying and denitrifying organisms
84	Zetsche Eva-Maria and Filip J.R. Meysman Digital holographic microscopy – a unique tool for the marine sciences