***Best poster presentation award 2016***VLIZ Marine Scientist Day (VIVES, Brugge, 12 February 2016)

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| *The possibility to explore the 68 posters will be given from 14:05 onwards.   Kindly tick your* ***top three*** *and turn in the form in one of the three boxes provided for this purpose  or at the registration desk by* ***14:45*** *at the very latest* |
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|  | **1** | **Alex Diana and Lieven Bervoets**  Utilization of the seagrass *Posidonia oceanica* (L.) Delile to evaluate the spatial and temporal dispersion of metal contamination in the marine protected Carbonara, Villasimius, Sardinia (Italy) |
|  | **2** | **Alsebai Mohammed, Al-Assiuty Abdel-Naieem, Abada A. Ahmed and Khalil A. Mohamed**  The different response of the macrobenthic community to different anthropogenic activities on a new limnological ecosystem in Wadi Al Rayan Lower Lake, Western desert of Egypt |
|  | **3** | **Baert Jan, Frederik De Laender, Koen Sabbe and Colin R.** **Janssen**  Slow but surely might win the race: diverse phytoplankton communities preserve evenness better in a changing environment |
|  | **4** | **Baeye Matthias, Rory Quinn, Samuel Deleu and Michael Fettweis**  Detection of shipwrecks in ocean colour satellite imagery |
|  | **5** | **Blommaert Lander, Marie Huysman, Alex Barnett, Wim Vyverman, Johann Lavaud and Koen Sabbe**  Photoprotection capacity differs between functional groups of intertidal benthic diatoms: regulation & performance |
|  | **6** | **Borella Lorenzo, Mark Kochzius, Diego Cardenosa, Philippe Borsa, Mohamed Azmi Ambak and Juanita Joseph**  Connectivity and population structure of blacktip reef sharks, *Carcharhinus melanopterus*, in two islands in Terengganu, Malaysia |
|  | **7** | **Bosch Samuel, Lennert Tyberghein and Olivier De Clerck**  A Marine Species Benchmark Dataset for Ecological Modelling |
|  | **8** | **Bouwens Jan**  Genetic structure of skunk clownfish populations in coral reefs in Madagascar |
|  | **9** | **Breine Naomi Tafara, Annelies De Backer, Tom Moens, Gert Van Hoey and Kris Hostens** REVISITED: the soft-bottom benthic habitats of the Belgian Part of the North Sea |
|  | **10** | **Candido Soraya, Farid Dahdouh-Guebas and Jean Hugé** Enhancing the current knowledge on marine biodiversity integration in development cooperation through a Delphi survey focusing on sub-Saharan Africa |
|  | **11** | **Damseaux France, Jeremy Kiszka, Georges Scholl, Gauthier Eppe, Jean-Pierre Thomé, Jennifer Lewis, Michael Fontaine and Krishna Das**  Spatial variation in the concentrations of mercury and persistent organic pollutants in free-ranging bottlenose dolphins *Tursiops truncatus* from South Florida |
|  | **12** | **De Decker Sam** Reproductive barriers in the *Seminavis robusta* species complex and their role in species diversification |
|  | **13** | **De Poorter Isabel, Filip Huyghe and Marc Kochzius**  Connectivity of *Amphiprion akallopisos* (skunk clownfish) in the coral reefs of Zanzibar |
|  | **14** | **De Raedt Jonathan, Frederik De Laender, Jan Baert and Colin R. Janssen** Algal and toxicant dispersal are key factors for maintaining biovolume production in diatom communities affected by a toxic stressor |
|  | **15** | **De Schamphelaere Kristine, Lieven Bervoets, Johnny Teuchies, Tom Ysebaert, Patrick Meire and Ronny Blust** Development of a triad assessment method for brackish sediments in Flanders |
|  | **16** | **De Tender Caroline, Lisa Devriese, Sara Maes, Kevin Vanhalst, Tim De Bock, Jürgen Vangeyte, André Cattrijsse, Johan Robbens and Peter Dawyndt**  Food for bacteria: a plastic exposure trial at sea |
|  | **17** | **Dekker Evelien, Valérie Dulière and Geneviève Lacroix** Where does my jellyfish come from? |
|  | **18** | **Del Cortona Andrea**  Towards an understanding of the cytological diversity of green seaweeds (Ulvophyceae) |
|  | **19** | **Delerue-Ricard Sophie, Léo Barbut, Andreas Vanden Bavière, Ilaria Coscia, Johan Robbens, Geneviève Lacroix and Filip A.M. Volckert**  Tracing sole juveniles arriving at the Belgian nursery using genomics and otolith shape. |
|  | **20** | **Deruytter David, Karel De Schamphelaere and Colin R. Janssen**  Does the dose make the poison? The influence of biotic and abiotic factors on the toxicity of copper in mussels |
|  | **21** | **Everaert Gert, Frederik De Laender, Peter Goethals and Colin R.** **Janssen** The biological pollutant pump. How a phytoplankton bloom alters the concentrations of organic chemicals in the marine environment |
|  | **22** | **Fettweis Michael, Matthias Baeye, Claudio Cardoso, Arvid Dujardin, Dries Van den Eynde, Thomas Van Hoestenberghe, Joris Vanlede, Luc Van Poucke, Carlos Velez and Chantal Martens**  The impact of disposal of fine grained sediments from maintenance dredging works |
|  | **23** | **Guden Rodgee Mae, Anna-Maria Vafeiadou, Nele De Meester, Annelien Rigaux, Sofie Derycke and Tom Moens**  Microhabitat choice of cryptic species: do closely related nematode species really occur together? |
|  | **24** | **Haelters Jan, Willy Dabin, Marjan Doom, Francis Kerckhof, Alexander Steyaert and Thierry Jauniaux**  Grey seals *Halichoerus grypus* choking on common sole *Solea solea* |
|  | **25** | **Henry Séverine, Jean-Claude Falguière, Samson Devillers and Eric Parmentier**  *Sciaenops ocellatus*: Daily and seasonal sound variation during spawning in aquaculture |
|  | **26** | **Heynderickx Hanneloor, Rosa Van der Ven, Puspita Sutrisno and Marc Kochzius**  **Genetic population structure of *Seriatopora hystrix* in the Indo-Malay Archipelago** |
|  | **27** | **Hiemstra Auke-Florian and Menno Schilthuizen**  The ontogeny of shell-boring Octopus *versus* Nautilus predator-prey interactions |
|  | **28** | **Karasiewicz Stéphane, Elsa Breton, Alain Lefebvre and Sebastien Lefebvre** Temporal realised niche analysis of the diatoms community and of *Phaeocystis globosa* on the French Coast of the eastern English Channel |
|  | **29** | **Kinds Arne and Katrien Verlé**  Towards a better understanding of the adoption of new fishing technology by Belgian fishers |
|  | **30** | **Kint Lars, Sytze Van Heteren, Ruth Lagring and Vera Van Lancker**  Building a transnationally harmonised marine geological database |
|  | **31** | **Kotovitch Marie, François Fripiat and Sebastien Moreau**  Nitrous oxide dynamics in sea ice |
|  | **32** | **Michel Loïc, Bruno David, Philippe Dubois, Gilles Lepoint and Chantal De Ridder**  Trophic plasticity of Antarctic echinoids under contrasted environmental conditions |
|  | **33** | **Monteyne Els, Frederic Francken, Gijs Coulier and Koen Parmen** Is TNT leaking into the North Sea? |
|  | **34** | **Morrissey Kathryn** Functional diversity of endosymbiotic bacterial communities in marine green algae |
|  | **35** | **Janssen Tom, Jan Haelters, Kevin Ruddick** Detecting small marine mammals in the Belgian part of the North Sea using high resolution satellite imagery |
|  | **36** | **Le Bourg Baptiste, Gilles Lepoint and Loïc Michel**  Feeding of Antarctic asteroids - trophic resources, plasticity, and diversity |
|  | **37** | **Nehemia Alex and Marc Kochzius** Extremely low genetic diversity in *Uca annulipes* (H. Milne-Edwards, 1937) in deforested mangroves |
|  | **38** | **Ngisiange Noah, Erick Okuku, Jelvas Mwaura, Joseph Kamau, Melchizedec Osore, Harison Onganda**  A spatial data infrastructure (SDI) for integrated coastal zone management |
|  | **39** | **Nguyen Van Hung, Nancy Nevejan, Peter De Schryver, Dung Nguyen Viet and Peter Bossier**  The poly-β-hydroxybutyrate (PHB) regulate response of mussel larvae challenged with *Vibrio coralliilyticus* |
|  | **40** | **Nohe Anja, Ruth Lagring, Karien De Cauwer, Annelies Goffin, Lennert Tyberghein, Klaas Deneudt, Wim Vyverman and Koen Sabbe**  Long-term phytoplankton monitoring data (1970-2015) from the Belgian North Sea reveal shifts in community composition and seasonal dynamics |
|  | **41** | **Onyango Horace Owiti**  Socio-economic assessment of artisanal shrimp fishery of the Malindi Ungwana Bay |
|  | **42** | **Onyango Horace Owiti, Jacob Ochiewo, Faith Kimanga and Richard Angwenyi**  Assessment of biodiversity, socio-economic status and conservation options at the site- Mpunguti Marine Park in South Coast, Kenya |
|  | **43** | **Ouellette William and Wondifraw Getinet**  Coastal Land Use and Land Cover: the missing link to the Large Marine Ecosystem Assessment Framework |
|  | **44** | **Rumisha Cyrus, Martine Leermakers, Marc Elskens, Robinson H. Mdegela, Paul Gwakisa and Marc Kochzius** Genetic diversity of the tiger prawn *Penaeus monodon* in relation to metal pollution at the Tanzanian coast |
|  | **45** | **Runya Robert, Kevin Ruddick and Quinten Vanhellemont**  Optical remote sensing of Lake Victoria |
|  | **46** | **Ruwaimana Monika, Farid Dahdouh-Guebas, Nico Koedam, Aidy Mohd Muslim, Behara Satyanarayana and Dries Raeymaekers** Satellite *vs* Drone: mapping of mangroves in Setiu Wetland, Malaysia |
|  | **47** | **Lennert Schepers and Stijn Temmerman**  Tidal marsh vegetation die-off: spatial developments and feedback mechanisms |
|  | **48** | **Schoutens Ken, Alexandra Silinski and Stijn Temmerman**  Self-organised shoreline protection: mutual feedbacks between plant traits and hydrodynamics |
|  | **49** | **Stark Jeroen and Stijn Temmerman**  Do marshes attenuate storm surges? A numerical study on the effects of marsh geometry and marsh size on storm surge reduction rates |
|  | **50** | **Stock Willem, Karen Grace Bondoc, Wim Vyverman, Georg Pohnert, Anne Willems and Sven Mangelinckx**  Diatom-bacteria interactions: symbiosis on the move |
|  | **51** | **Strypsteen Glenn and Pieter Rauwoens**  Wind-blown sand in beach-foredune and beach-dike environments at the Belgian Coast |
|  | **52** | **Vafeiadou Anna-Maria, Chariton Chintiroglou and Tom Moens**  Climate change from another perspective: effects of temperature fluctuations on population dynamics and species interactions |
|  | **53** | **Van Acker Emmanuel P., Maarten De Rijcke, Karel A. C. De Schamphelaere and Colin R. Janssen**  Right place, wrong time: mixture toxicity effects of pathogens and HABs on bivalve recruitment |
|  | **54** | **Van Coppenolle Rebecca, Christian Schwarz and Stijn Temmerman**  Tidal wetlands as ecosystem-based adaptation to coastal flood risks |
|  | **55** | **Van de Velde Sebastiaan, Yue Gao and Filip Meysman**  Bottom trawling keeps the geochemistry of the seafloor permanently out of steady state |
|  | **56** | **Samuel Van de Walle and Stefan Van Damme** Management goals for the Seine Estuary: the importance of silica dynamics in tidal marshes |
|  | **57** | **Van den Eynde Dries, Matthias Baeye, Michael Fettweis, Frederic Francken and Vera Van Lancker**  Changes in bottom shear stress, due to aggregate extraction, in the area of the Hinder Banks (Belgian Continental Shelf) |
|  | **58** | **Van der Linden Fanny, Willy Champenois, Bernard Heinesch, Sébastien Moreau, Marie Kotovitch, Gauthier Carnat, Jiayun Zhou, François Fripiat, Tim Haskell, Jean-Louis Tison and Bruno Delille**  Annual dynamics of CO2 partial pressure within bulk sea ice and related CO2fluxes at Cape Evans (Antarctica) |
|  | **59** | **Van der Pool Jesse and Niek Visschedijk**  Battle for the reefs: monitoring the development of biodiversity on four artificial oyster reefs |
|  | **60** | **Van Gyseghem Margo and Marc Kochzius**  Community structure of the macrozoobenthos and demersal fish in the Belgian North Sea |
|  | **61** | **Van Mossevelde Els, Katherine Vande Velde, Jean Hugé, Nico Koedam and Farid Dahdouh-Guebas**  Biodiversity conservation in social-ecological systems: mapping the local discourses on biodiversity conservation in Singaporean mangroves |
|  | **62** | **Van Nieuwenhove Annelore, Filip Huyghe and Marc Kochzius**  Connectivity of *Amphiprion akallopisos* (skunk anemonefish) in the Western Indian Ocean using microsatellite markers |
|  | **63** | **Nnafie Abdel, Tomas Van Oyen and Bart De Maerschalk**  Influence of geometry, initial bathymetry and sediment availability on the morphodynamic evolution of the Scheldt mouth area, based on numerical modelling |
|  | **64** | **Vandenbulcke Annelies, Cornelis Stal and Alain De Wulf**  Mapping and Monitoring the Belgian Coast using Kite Aerial Photogrammetry |
|  | **65** | **Verhaeghe Thomas, Ruben Braeckman and Geertrui Vlaemynck**  Longer shelf life of the brown shrimp (*Crangon crangon*) by chlorine dioxide treatment of the cooling water on board of fishing vessels |
|  | **66** | **Verhelst Pieterjan**  Marine migration routes of North-western European silver eel (*Anguilla anguilla* L.) |
|  | **67** | **Vermeersch Xavier, Koen Chiers, Annemie Decostere and Geertrui Vlaemynck**  Tail myonecrosis in brown shrimp (*Crangon crangon* L.) caught in the North Sea |
|  | **68** | **Verwimp Christophe, Lies Vansteenbrugge, Kris Hostens, Hilde Muylle, Olivier Honnay, Isabel Roldan-Ruiz, Johan Robbens and Tom Ruttink**  Exploring population structure of *Mnemiopsis leidyi* in north-western European waters |