

AUTHORS	TÍTULO	Presentation
Margaret F.J. Dolan Thijs Christiaan van Son Genoveva Gonzalez-Mirelis Vidar Lien Pål Buhl-Mortensen Lilja R. Bjarnadóttir Jofrid Skarðhamar Reidulv Bøe Lis Lindal Jørgensen Aivo Lepland Oddvar Longva Dag Slagstad Tone Rasmussen	The contribution of oceanography data to habitat mapping at different scales – some perspectives from Norway	oral
R. C. Carvalho C. D. Woodroffe	Inner shelf sediment mobility under moderate wave climate conditions on the southeastern coast of NSW, Australia	oral
Kirstin Meyer	Physical and biotic factors influencing the sessile invertebrate communities on deep-sea dropstones	oral
Elisabeth Leblanc Burns Foster Juan Carballini Fernanda Viana	New algorithm for multibeam imagery processing	oral
David P. Finlayson	Reducing track-line artifacts in amplitude mosaics using empirically-derived, whole- survey gain normalization	oral
M. Roche T. P. Le Bas X. Lurton K. Degrendele L. De Mol V. Van Lancker M. Baeye J. De Bisschop C. Vrigneaud S. Papili O. Lopera J.M. Augustin N. Le Bouffant L. Berger	Backscatter Patch Test – inter-comparison of systems using shared reference areas for testing, calibration, and quality assessment	oral
Svenja Papenmeier Hass, H.C	Detection Of Stones In Marine Habitats Using Hydroacoustics	oral
Xavier Lurton Geoffroy Lamarche Craig Brown Erin Heffron Vanessa Lucieir Glen Rice Alexandre Schimel Tom Weber	Seafloor Backscatter Acquisition and Processing : Best Practice and Recommendations from the Backscatter Working Group	oral
Lisa Lacko Cassie Bosma	Mapping benthic substrate in Northern British Columbia (B.C.)	oral
Arunima Sen Hélène Ondréas Arnaud Gaillot Yann Marcon Karine Olu	The use of multibeam backscatter as a means of identifying faunal assemblages in a deep-sea cold seep	oral
Michelle E. Portman Daniel Orenstain Semion Polinov Yarden El-Hanan	Ecosystem Services Assessment from the Carmel Mountain to the Sea: A multi-disciplinary method for defining ES indicators in coastal and marine landscape units	oral
Michelle E. Portman Asaf Zanzuri Ateret Shabtai-Yanai	Designing Marine Protected Areas Management Plans: Using Spatial Conservation Prioritization Methods	oral
Ali Jalali Daniel Ierodiaconou Harry Gorfine Mary Young Zhi Huang	Topographic and climatic descriptors determining the distribution of temperate benthic invertebrates in a commercial fishery	oral

Claudia Propp Alexander Bartholomä Peter Richter Klaus Schwarzer Christian Hass Franz Tauber Peter Holler Manfred Zeiler Svenja Papenmeier	High-resolution seafloor mapping in the German Exclusive Economic Zone (EEZ):  present state, developments and challenges	oral
Alix Laferriere Jonathan Gardner Geoffroy Lamarche	Developing a Geo-Ecological Approach to Classifying Habitats to Untangle the 'Reserve Effect' from the 'Habitat Effect' in Marine Reserves in Central New Zealand	oral
Roger Sayre Dawn Wright Pete Aniello Sean Breyer Doug Cribbs Charlie Frye Randy Vaughan Beata Van Esch, Drew Stephens Peter Harris Miles Macmillan-Lawler Zeenatul Basher Mark Costello Mark Finkbeiner Mark Monaco Kathy Goodin John Guinotte Lance Morgan Pat Halpin	Mapping EMUs (Ecological Marine Units) – the creation of a global GIS of distinct marine environments to support marine spatial planning, management and conservation	oral
Daniel Ierodiaconou Lachland Hulands Mary Young Alexandre C. G. Schimel Matt Edmunds	The role of habitat in MPA assessment	oral
Emilie Novaczek Rodolphe Devillers Evan Edinger Luiz Mello	Mapping habitat for data-deficient marine species: Atlantic Wolffish in Conception Bay, Newfoundland and Labrador	oral
Sartor, S.M Pires, J.T. Rosa, M	MacroBenthic Diversity as Impact Indicator for Managing Changing Systems in Santos Bay	oral
Beatrice P Ferreira Mauro Maida  João M R de Camargo Sergio Rezende Henrique Maranhão Alberto Santos Ana Lidia Gaspar	Marine spatial planning as a tool for fisheries management on the Northeastern Brazilian coast: Status and management perspectives	oral
Whitney Goodell	Juvenile fish habitats: integrating science, GIS, and local knowledge to inform community-based management in Hawaii	oral
Matthew Rees	Seascape ecology and conservation: using habitat mapping to improve Marine Protected Area design	oral
Kim Picard David K Williams Lynda Radke Justy Siwabessy Scott Nichol	Origin of high density pockmark fields in a marine reserve and their use in inferring near-seabed current	oral
Michel Michaelovitch de Mahiques Uri Schattner Michael Lazar	Spatial analysis in a giant pockmark field, SE Brazilian slope	oral

Federica Foglini Lorenzo Angeletti Elisabetta Campiani Annamaria Correggiari Valentina Grande Elisa Leidi Fantina Madricardo Alessandra Mercorella Alessandro Remia Marco Taviani	Habitat mapping in the Adriatic (Mediterranean Sea) from coastal areas to deep sea: approaches and methodologies for assessing seafloor habitat for sustainable and integrated sea management strategy	oral
Inge van den Beld Jean-François Bourillet Laurent de Chambure Laure Simplet Karine Olu Lénaïck Menot	The distribution of coral habitats in the Bay of Biscay (NE Atlantic): What can geomorphology predict and explain?	oral
Linklater, M. Carroll, A. Jordan, A. Nichol, S. Hamylton, S. Brooke, B.P. Woodroffe, C.D.	Mesophotic coral ecosystems beyond the southernmost coral reef, South Pacific Ocean	oral
Tim Ingleton Peter Davies Alan Jordan Joseph Neilson Edwina Foulsham Michelle Linklater	Habitat mapping, towed video and benthic invertebrate assemblages within a marine park on Australia's temperate east coast.	oral
Aarno T. Kotilainen Anu M. Kaskela Kimmo Alvi Sami Jokinen Henry Vallius Joonas Virtasalo	Seabed geology and coastal hypoxia - the Gulf of Finland case	oral
Klaus Schwarzer Christoph Heinrich Gitta Ann von Rönn Hans-Christian Reimers	Assessment of habitat development in the "white coastal band" of the southern and western Baltic Sea based on hydroacoustic surveys	oral
Francisco Sánchez Ana García-Alegre Antonio Punzón	Mapping vulnerable deep-sea habitats threatened by fisheries in the Cantabrian Sea, Bay of Biscay	oral
Brandão, S. N. Karanovic, I. Vital, H. Gomes, M. P. Yasubara, M.	Marine Habitats on the margin off Iceland, NE Atlantic as indicated by living Ostracoda (Crustacea)	oral
Magnus Wettle Knut Hartmann Marcus Bindel Andreas Muller Thomas Heege	Harnessing Earth Observation for large scale aquatic habitat mapping	oral
Zelinda M.A.N. Leão Ruy K.P. Kikuchi Marília D.M. Oliveira	Heterogeneity of Reef Habitats in Eastern Brazil	oral
Mark Borrelli Cristina G. Kennedy Theresa L. Smith Emily J. Shumchenia	Using a Phase-Measuring Sidescan Sonar in Very Shallow Waters: Creating Benthic Habitat Maps in a U.S. National Park	oral
Aaron Lim, Andy Wheeler, Agostina Vertino, Silvia Spezzaferrri, Boris Dorschel	Local-Scale Hydrodynamic and Sedimentological Influences on Cold-Water Coral Reef Development	oral
S.M. Hamylton R. C. Carvalho S. Duce C. Roelfsema A. Vila-Concejo	Linking pattern to process in reef sediment dynamics at Lady Musgrave Island, southern Great Barrier Reef	oral
Drew Stephans Dr. Magnus Wettle Don Ventura	A GIS framework for the observation and monitoring of nearshore benthic habitats, utilizing Remotely Sensed bathymetric and seafloor reflectance data	oral

Torben Möeller Ingunn Nilssen Paulo Sumida Jonas Osterloff Tim W. Nattkemper	Change Detection in underwater time laps videos from stationary observatories	oral
Michelle E. Portman	Visualization of the Marine Environment using Virtual Reality and Interactive Applications for Marine Planning	oral
Mary Young Daniel Ierodionou Tim Womersley	Forests of the sea: Predictive habitat modelling to assess the abundance of canopy forming kelp forests on temperate reefs	oral
Ali Abdullah Aldosari May A. Alsaadoon	Mapping the mangrove from space in the Arabian Gulf, Saudi Arabia	oral
Markus Diesing Peter Mitchell David Stephens Anna-Leena Downie	A review of image-based land cover mapping approaches and their transferability to benthic habitat mapping	oral
Stefan Ekehaug Jørgen Tegdand Lars Martin Aas Kay Johnny Steen Margaret Dolan Terje Thorsnes Lilja R. Bjarnadóttir Pål Buhl-Mortensen	Underwater hyperspectral imaging for improved environmental mapping and monitoring of seabed habitats	oral
Mariana C. León-Pérez Roy Armstrong	Seagrass Habitat Mapping and Change Detection using high-spatial Resolution Satellite Data	oral
Tim Le Bas Anthony Scarth Peter Bunting	A new Object Based Image Analysis toolbar for ArcGIS 10.x designed for combined multibeam bathymetry and backscatter interpretation.	oral
Fantina Madricardo Giacomo Montereale Gavazzi Marco Sigovini Lucasz Janowski Federica Fogliani Aleksandra Kruss Philippe Blondel	Fine-scale benthic habitat mapping in extremely shallow water: comparison between MBES backscatter segmentation methods and ground truth	oral
Craig J. Brown Derek Fenton Tanya Koropatnick Sigrid Kuehnemund	Developing Methods for Benthic Habitat Mapping of MPAs in Atlantic Canada	oral
Björn Steinbrink Timm Schoening Daniel Brün Tim W Nattkemper	Integrated Digital Marine Image Analysis and Management - new solutions to handle large image collections in environmental monitoring and exploration	oral
V. Van Lancker <sup>1</sup>	Habitat change assessment in dynamic shallow water systems – Lessons learned and way forward	oral
Victoria E. Price Jennifer A. Dijkstra Jarlath P.M. O'Neil-Dunne Christopher E. Parrish Erin Nagel Shachak Pe'eri	Developing Methodology for Efficient Eelgrass Habitat Mapping Across Lidar Systems	oral
Jonas Osterloff Ingunn Nilssen Torben Möller Tim W. Nattkemper	Computational analysis of spatial species distribution for integrated stationary environmental monitoring	oral
Don Ventura Michael Broadbent Andrea Locke Monica Niles	The Canary in the Coalmine: Mapping Eelgrass as an Indicator of Marine Health	oral
Alexandre C. G. Schimel Daniel Ierodionou Mary Young Markus Diesing Anna Downie Grace Gaylard	Integrating Object-Based Image Analysis and AUV video in supervised classifications of benthic habitats	oral
Griffin KJ Hedge LH Johnston EH	Biomonitoring disturbed urbanised estuaries with fine-resolution species distribution models driven by seabed photo data	oral

H. Gary Greene John Aschoff Dayv Lowery Andrew Weiss Robert Percunski Jennifer Blain	Development of a Predictive Model for Marine Benthic Habitats of Demersal Rockfish ( <i>Sebastes</i> spp.) in the Pacific Northwest USA	oral
Gustav Kågesten Bryan Costa Will Sautter Kimberly Edwards Laura Kracker Tim Battista	Automating Habitat Mapping in a complex world of corals and coastal waters	oral
Maria Cristina Prampolini	Habitat mapping through texture analysis on the continental shelf of the Maltese islands	oral
Dr. Neena Priyanka Dr. Nishant Dr. P. K. Joshi	Characterization of the Nesting Beaches of Olive Ridley Sea Turtle in Orissa Coast and development of Habitat Suitability Models in the Bay of Bengal	oral
Thijs Christiaan van Son Margaret Dolan Genoveva Gonzales-Mirelis Terje Thorsnes Lilja Rún Bjarnadóttir Pål Buhl-Mortensen	The development of an Environmental Variability Index (EVI) to scale sampling effort in marine habitat mapping	oral
Lisette Victorero	Spatial patterns of biodiversity on Carter Seamount, Eastern Equatorial Atlantic ; scales and drivers	oral
Jakellen Del Prado Cesar Villanoy Josephine Dianne Deauna Roselle Borja Asuncion De Guzman Ma. Rio Naguit Gary Garcia Denmark Recamara Evony Elogsong Jhiovanni Elogsong Tomas Paez	Predicting habitat preference for effective management of the sardine fisheries in the Northern Zamboanga and Bohol Sea, Southern Philippines	oral
Zhi Huang Scott Nichol	Habitat Quality Assessment of Australian Submarine Canyons	oral
Vladimir E. Kostylev	Economic Drivers of Seabed Mapping Programs	oral
Lucasz Janowski	Backscatter classification of tidal channels performing OBIA and advanced statistical classifiers, case study from the Venice Lagoon	oral
Viana, M. Batista, D. Leite, T. Freire, F. Eichler, P Vital, H Brandão, S.	Biodiversity and Geodiversity in the Continental Shelf of NE Brasil: the Macroinfauna off the Açú River, Rio Grande do Norte state	poster
Vinícius Prado Fonseca Liana de Figueiredo Mendes Marcelo Francisco de Nóbrega	Environmental variables on marine fish distribution of the Potiguar basin of Rio Grande do Norte State, Brazil	poster
Luzia Liniane do Nascimento Silva Moab Praxedes Gomes Flávia Valânea Souza Belchior Helenice Vital	Processing and mosaicking side-scan sonar images from outer shelf environments (NE Brazil)	poster
Flávia Valânea Souza Belchior Moab Praxedes Gomes Luzia Liniane do Nascimento Silva Helenice Vital	Analysis of the relationship between the Açú incised-valley and adjacent reef fields in an outer shelf environment through patterns of multibeam backscatter and morphologies (NE Brazil)	poster
Camila da Cunha Furtado Marcelo Rollnic Thaís Angélica da Costa Borba	Echo-character study of Amazonian region using Sub-Bottom data	poster
D. Porpilho A.H.F. Klein R.S.V de Camargo. F.V. Prado J. Bonetti	Geoacoustics data analysis: a comparison between backscatter data and side scan images for seafloor characterization at Barra da Lagoa – Moçambique beaches, Southern Brazil	poster

Anu Kaskela Ulla Alanen Aarno Kotilainen Alan Stevenson EMODnet – Geology partners	Assembling data on sea-bed substrates of the European Seas	poster
Gil Marcelo Reuss-Strenzel	Seascape mapping using bathymetric data from onboard maps	poster
Casarini, Luiz Miguel Costa, Júlia Alves Costa, Mônica Doll Mello Junior José Edmilson	Habitat mapping with acoustic and images in marine protected areas	poster
Santiago Millán Carolina García-Valencia María Alejandra Ocampo David Morales Liliana Barreto Constanza Ricaute	Marine habitat mapping as contribution to national ecosystems map (1:100.000): Colombia	poster
Ana Paula Rosso Paulo Ricardo Pezzuto	Identification of spatial management units for demersal fishing, Southeasterns - Southern Brazil	poster
Kruss, A. Madricardo, F. Sigovini, M. Mercorella, A. Foglini, F.	Macrobenthos detection using multibeam sonar for spatial marine planning around the lagoon of Venice.	poster
João Marcello Ribeiro de Camargo Mauro Maida Tereza Cristina Medeiros de Araújo Beatrice Padovani Ferreira <sup>1</sup>	A preliminary recognition of the seafloor around a submarine channel: implications for the fisheries management in a Marine Protected Area, Pernambuco, NE Brazil.	poster
Patrícia Eichler Barun K. Sen Gupta Helenice Vital Moab Praxedes Gomes	Foraminifera from coral-reef microhabitats of the Rio Grande do Norte continental shelf, northeast Brazil	poster
Marcio Martins Valle José Maria Landim Dominguez	Holocene evolution of the marine benthic habitats on the northeast portion of Todos os Santos Bay, Bahia, Brasil.	poster
Guy R. Cochrane Peter Etnoyer Enrique Salgado Jan Roletto Kaitlin Graiff Gary Williams Peter Dartnell Karen Reyna Jeff Hyland	Deep Corals Project Site Characterization for Rittenburg Bank, Cochrane Bank, and a Portion of the Farallon escarpment, gulf of the farallones national marine sanctuary	poster
Luis A. Conti Alyne Afonso Debora Shinoda Antonia Cecilia Z. Amaral Alexander Turra	Coastal Data Management for Benthic Habitat Mapping	poster
Batista, D.O. Viana, M. G Leite, T. S. Freire, F. A. M Vital, H. Brandão, S.N.	The epibenthic community from habitats with different granulometry at the continental shelf of the Rio Grande do Norte state, NE Brazil	poster
Marco González Arteaga David F. Morales Santiago Millán Cortes Nancy Liliana Barreto Parra Carolina García Valencia	Marine geomorphology for habitat mapping in the Colombian Caribbean Sea (1:100.000)	poster
Marcos Daniel de A. Leite Alex C. Bastos Flávia Z. Malaquias Leila L. Longo	Marine Habitat Mapping in the Abrolhos Channel – East Brazil	poster
Alexandre M. Mazzer	A proposal for marine ecotopes classification of Florianópolis Bay, Brazil	poster
Barbosa, R.V Davies A.J. Sumida, P.Y.G.	Modelling Deep-Water Coral Habitat Suitability on the Brazilian Continental Margin	poster
Guzmán López Julio Chocca Camila De Mello Yamandú Marín	Seabed habitat mapping of the continental slope of Uruguay (SW Atlantic Ocean) and coral mounds fishing interaction.	poster

Camila da Cunha Furtado Marcelo Rollnic Thais Angélica da Costa Borba	The study of underwater morphology of Amazonian rivers by using shallow seismic	poster
Lucas C. Lage Marcos Daniel de A. Leite Danielle P. D'Agostini Alex C. Bastos	Reef geomorphology in the central-northern Abrolhos Bank – Eastern Brazil	poster
Brandão, S.N.; Monteiro, C. A. S.; Antunes, R. J. F. 1; Eichler, P.B.; Gomes, M. P.; Vital, H.	Marine habitats on the continental shelf off the Açu River Valley (NE Brazil) as indicated by Ostracoda	poster
Paloma P Avena José Maria Landim Dominguez	Marine Habitat Mapping on the Continental Shelf off Salvador, Bahia, Brazil	poster
Hortencia Maria Barboza de Assis Francisco Valdir Silveira Ronaldo Gomes Bezerra Katiane dos Santos Salviano Ludmila B. Pereira Marcio Martins Valle Betania G. da Silva Holly Lopes Marcelo Sperle	Mapping offshore seabed sediment using Airborne LiDAR Bathymetry in Alagoas Shelf - Brazil	poster
Francisco Sánchez Juan Manuel Rodríguez	Politolana, a new low cost towed vehicle designed for the characterization of the deep-sea habitats and benthic communities	poster
Mohammad, O. Aljahdali Rafat R. Ali El-Metwally M. Selim Reda E. Hassanien	Monitoring Changes of Mangrove Trees in Rabigh Lagoon Swamps Using Remote Sensing and Geographic Information System Techniques , As Modern Technologies in the Rehabilitation of Marine Environment	poster
Straud Armstrong	Application of Efficient and Portable Shallow Water Habitat Mapping System, Combined High-Resolution Swath Bathymetry and Side Scan Acoustic Imagery to Detect and Classify Structures, Repeatedly	poster
Andrea A. Nascimento Carmen R. Parisotto Guimarães José M. Landim Dominguez	Application of surrogate for assessing the macrobenthos community structure on the Sergipe's Shelf, Northeastern Brazil.	poster
R. C. Carvalho C. D. Woodroffe	Bedforms and surficial sediment characteristics of Shoalhaven estuary, NSW, Australia	poster