

Starting Time	Monday, April 30 <sup>th</sup>		
8:30	Workshop Registration		
9:20	Welcome		
9:30	Tidal and Wave Power	Todd	Sediment bedforms in the Bay of Fundy: a geohazard for tidal power development?
9:50		Li	Morphology and mobility of large-scale bedforms near Cape Split, upper Bay of Fundy
10:10		Kostylev	Gravel ripples in the Minas Passage, Bay of Fundy, as indicator of flow energy
10:30 10:50	Break/Poster		
10:50		Brown	Gravel ripples in the Minas Passage, Bay of Fundy, as indicator of flow energy
11:10		Barrie	Seabed Characterization for the Development of Tide and Wave Renewable Energy on the Pacific Margin of Canada
11:30	Discussion		
12:00	Lunch		
13:30	Renewable Energy and Habitat	Greene	Habitat Evaluation For Renewable Tidal Energy – San Juan Archipelago
13:50		Lees	Comparison of Heterogeneous Coarse-Grained and Homogeneous Sediments: Do They Represent Distinctively Different Paradigms?
14:10		Shumchenia	Benthic habitat maps and models inform assessment and monitoring of wind energy development in offshore Rhode Island
14:30		LaFrance	Developing benthic habitat maps to assist wind farm siting in Rhode Island waters
14:50	Break/Poster		
15:20	Wind Energy	Cotterill	Dogger Bank – A Geo-Hab Challenge!
15:40		Pearce	High Resolution, Time-Series Acoustic Surveys to Support Environmentally Responsible Windfarm Developments
16:00	Discussion		
16:30	End of Workshop		
18:00 20:00	IceBreaker		

Starting Time	Tuesday, May 1 <sup>st</sup>		
8:00 8:20	Registration		
8:40	Welcome		
9:00	1st session: Maps for Managers	Nichol	Multiple applications of seabed mapping for offshore northern Australia
9:20		Heap	Seabed mapping to support long-term CO <sub>2</sub> storage in offshore Australia
9:40		Vallius	Sea floor mapping as a tool for marine spatial planning in Europe
10:00		Clark	Habitat Mapping and Vulnerable Marine Ecosystems: can we bring the two together?
10:20	Break/Poster		
11:00		Dolan	Astafjord – A showcase for coastal seabed mapping in Norway: developing habitat maps for coastal management
11:20		Violante	From benthic landscape to habitat: examples from the Campania offshore, Eastern Tyrrhenian sea
11:40		Romsos	The Oregon State Waters Mapping Project
12:00		Valentine	Storm-driven sediment transport on a shallow bank segregates the seabed into mappable substrates
12:20 13:20	Lunch		
13:40		Moura	Spatial patterns of benthic megahabitats in the Abrolhos Bank
14:00		Yoklavich	Data to Support a Review of Essential Fish Habitat for Pacific Groundfish
14:20		Gonzalez	Supporting benthic habitat mapping by means of marine (geo)databases
14:40	Break/Poster		
15:20	2nd session: Technology & methodology	Di Stefano	A web application and open dataset to facilitate the collaborative development of workflows for seafloor habitat classification
15:40		Lucieer	Advances in multibeam processing and spatial analysis for the characterisation and prediction of temperate seabeds to support the management of Australia's marine biodiversity
16:00		Huang	Maximising multibeam sonar data to map and predict seabed physical properties
16:20		Goldfinger	Bayesian Siting Model for Marine Spatial Planning
16:40		Diesing	Habitat maps derived from multibeam acoustic data using Random Forest and Object-Based Image Analysis
17:00	Micheal Yeman	Geohabitat of Washington Wine: A Brief Exploration of Washington Terroir - An Introduction to	
17:40 19:00	Posters / Wine tasting		

Starting Time	Wednesday, May 2 <sup>nd</sup>		
8:00			
8:20	<b>Welcome and News</b>		
8:40	<b>2nd session: Technology &amp; methodology</b>	Lamarche	User-supervised segmentation and classification of shallow water backscatter data, Wellington Harbour, New Zealand.
9:00		Ismail	A Statistical Approach for Habitat Classification in Submarine Canyons
9:20		Hallberg	Substrate Classification Derived From Marine Geological Information
9:40		Kingon	Where's the reef? An inexpensive approach for mapping nearshore hardbottom reefs.
10:00		Ehrhold	Using acoustic and lidar acquisitions for mapping soft and hard bottom communities in the bay of Morlaix (North Brittany french coast)
10:20	<b>Break</b>		
10:40		Le Bas	Combination of morphometric and textural techniques for mapping coastal benthic habitats
11:00		Buhl-Mortensen	Habitat complexity and bottom fauna composition at different scales on the continental shelf and slope of northern Norway
11:20		Trembanis	A High-Density Image Analysis of Sea Scallop Habitat in the Mid-Atlantic Bight
11:40		Pizarro	Benthic Monitoring assisted by Robots in Australia – lessons so far
12:00		Capperucci	High resolution seabed classification of human impacted areas: does it work?
12:20	<b>Lunch</b>		
13:40	<b>Keynote</b>	<b>Astronaut Bill Anders</b>	<b>Apollo Days, Earthrise and the Start of the Environmental Movement</b>
14:00	<b>3rd session: Human impacts</b>	Ryabchuk	Natural and anthropogenic driving forces of marine landscapes development in the eastern Gulf of Finland (the Baltic Sea)
14:20		Miller	Geological and geophysical dataset integration when investigating the effects of anthropogenic activity, pollution signals and modern sedimentation on freshwater lake habitats
14:40		Witkowski	Spatial distribution of the selected elements and chemical compounds in the deposits of the Szczecin Lagoon (Poland, Germany), Southern Baltic Sea
15:00	<b>Break/Poster</b>		
15:40		Gauthier	Combining video and scanning-sonar imagery to quantify the impact of trawling off British Columbia
16:00		Pirtle	Seafloor Characterization for Trawlability Using the Simrad ME70 Multibeam Echosounder in the Gulf of Alaska
16:20		Preobrazhensky	Case of Lissi Island Marine Dumping (Nakhodka bay, Japan Sea)
18:30 21:30	<b>Banquet</b>		

Starting Time	Thursday, May 3 <sup>rd</sup>		
8:00			
8:20	<b>Welcome and News</b>		
8:40	<b>4th session: Coastal and Inland seas</b>	Harper	Nearshore Habitat Mapping in Foxe Basin, Canadian Arctic
9:00		Fiorentino	Relationship between seabed characterization and phanerogam meadows inferred from the Geological Map of Italy
9:20		Sergeev	The geological diversity of the near-shore bottom of the Curonian Spit, as an abiotic component of the submarine landscape of south-eastern the Baltic Sea
9:40		Van Lanker	Sediment dynamics as a proxy for soft substrata habitat distributions, Belgian part of the North Sea
10:00		Coggan	Characterisation of sub-aqueous dunes in the western English Channel
10:20	<b>Break/Poster</b>		
11:00	<b>5th session: Foraging habitats</b>	Greene	Characterization of Benthic Habitats in the Salish Sea – An Inland Sea Supporting a Unique Ecosystem
11:20		Cacchione	Sand Wave Dynamics in the San Juan Channel
11:40		Robinson	Pacific sand lance ( <i>Ammodytes hexapterus</i> ) hot-spots in the Strait of Georgia, British Columbia, Canada
12:00	<b>Lunch</b>		
13:20		Penttila	Intertidal Forage Fish Spawning Habitats in Puget Sound
13:40		Leth	Geological mapping for inferring the potential location of sandeel habitats in the North Sea, Denmark
14:00		Seekins	Benthic Habitats in the Puget Sound: A Rockfish Perspective
14:20	<b>6th session: Coral reefs</b>	Krigsman	Models and maps: predicting the distribution of corals and other benthic macro-invertebrates in deep water
14:40		Robert	Patchwork and edges: Using seascape metrics to examine habitat heterogeneity and seafloor biodiversity near a coral conservation area
15:00	<b>Break/Poster</b>		
15:20		Rengstorf	A regional high resolution habitat suitability model for <i>Lophelia pertusa</i> reefs in Irish waters
16:00		Harris	Submerged coral reefs: “life boats” for shallow reef systems in a warming global ocean?
16:20	<b>Business meeting</b>		
17:30 T.B.D	<b>Off to town</b>		

Poster session

Al-Hamdani	Mapping Natura 2000 habitats in Læsø Trindel, Kattegat / Denmark
Bøe	MAREANO - revealing the secrets of Norway's seafloor
Cochrane	Benthic Habitat Mapping in the Southern Salish Sea
Golding	Gathering additional evidence for Marine Conservation Zones in the UK
Green	Statistical mapping of seabed sediment texture classes
Hämäläinen	Geological inventories of FINMARINET project in Rauma archipelago
Hawkins	Marine Riparian Inventory for San Juan County, Washington
MacLennan	Screening restoration and conservation priorities for potential implications of sea level rise in San Juan County, Washington
Monk	Standardisation and Harmonisation of Geological and Geophysical data for improved Seabed Habitat Mapping
Plassen	Transferability of fine-scale habitat suitability models for temperate marine demersal fishes
Raineault	Marine Base Maps - providing essential seabed information for coastal management - examples from the Astaffjord project, North Norway
Scanlon	Ripple dynamics and scour morphology at an inner shelf artificial reef site
Strong	Multibeam bathymetric maps of cold-water coral hot spots in the Drake Passage
Van Lanker	PROTOCAST: Prototyping a computer-aided sonar screening tool

**LIST OF PARTICIPANTS**

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