


GeoHab 2006 - Agenda

Apex Suite at the Apex International Hotel, Edinburgh.

WEDNESDAY, MAY 3RD 2006

08:30-09:00	Registration	
09:00-09:05	<i>Opening Remarks</i>	Alan Stevenson
09:05-09:20	<i>Welcome and Introduction</i>	David Falvey, Director – British Geological Survey
09:20-10:30	Keynote Presentations <i>Chair – Robert Gatliff (British Geological Survey)</i>	
09:20-09:45	UK Marine Policy: The evidence needed for an ecosystem-based approach.	Beth Greenaway, Marine Science and Monitoring Policy Advisor – DEFRA
09:45-10:10	Regional Implementation of the US Ocean Action Plan	Margaret Davidson, Director – NOAA Coastal Services Centre
10:10-10:35	National Marine Mapping Strategies in Canada, how effective are we in influencing marine policy and resource development?	R. A. Pickrill, Program Manager, Geoscience for Oceans Management Program – Geological Survey of Canada
10:35-10:50	Coffee Break	
10:50-12:30	Ocean Policy and Resource Management <i>Chair – Siân Boyd (CEFAS, UK)</i>	
10:50-11:10	Ecosystem orientated seabed mapping in the Norwegian MAREANO programme – physiotype and habitat maps in ocean management.	Terje Thorsnes, Ole Jørgen Lønne, Trond Skyseth and Connie Solberg
11:10-11:30	The Irish Sea Marine Aggregates Initiative (IMAGIN): scoping the potential development of a resource through multidisciplinary seabed mapping.	Gerry Sutton and Max Kozachenko
11:30-11:50	California Coastal and Marine Habitat Initiative – an approach to large-scale habitat mapping and some considerations, specifications and recommendations for implementation.	Bill Gilmour
11:50-12:10	Highlights from the first year of the HERMES project.	Phil Weaver
12:10-12:30	Geomorphic classification of marine benthic bioregions: application to a national marine bioregionalisation of Australia.	Andrew Heap, Peter Harris, Alan Hinde and Murray Woods
12:30-13:30	Buffet lunch and Posters	
13:30-15:10	Regional Habitat Mapping Studies (Session 1) <i>Chair – Brian Todd (Geological Survey of Canada)</i>	
13:30-13:50	Habitat mapping for conservation and management of the Southern Irish Sea.	K Ramsay, K. A. Robinson, C Lindenbaum,

		<i>J Wilson, F McBreen, A Wheeler, K van Landeghem, A Mackie, T Derbyshire, N Mitchell and F O'Beirn</i>
13:50-14:10	Multibeam acquisition in the Irish Sea: applications for habitats research.	K. van Landeghem, A Wheeler and N Mitchell
14:10-14:30	UKSeaMap: The mapping of the marine seabed and water column features of UK seas.	<i>David Connor, Paul Gilliland, Neil Golding, Paul Robinson and Dylan Todd</i>
14:30-14:50	Surface-mounted multibeam mapping of the deep-water Seamounts and Banks west of the United Kingdom: its use as a tool for process studies and habitat identification and comparisons with deep-towed sonar results.	Colin L. Jacobs and Peter M Hunter
14:50-15:10	Overview of habitats found on the seamounts and banks to the West of the UK during the SEA 7 survey 2005.	Bhavani Narayanaswamy, Kerry Howell, Colin Jacobs, David Hughes, Jaime Davies and Murray Roberts
15:10-15:40	Coffee Break	
15:40-17:00	<i>Regional Habitat Mapping Studies (Session 2)</i> Chair – Phil Weaver (National Oceanography Centre, Southampton)	
15:40-16:00	The use of mapping techniques for identifying and evaluating <i>Sabellaria spinulosa</i> 'reef' habitats in UK waters.	D. Limpenny, R Foster-Smith, K Vanstaen, J Eggleton, W Meadows, S Boyd and T Edwards
16:00-16:20	The Outer Bristol Channel Marine Habitat Study: an integrated interdisciplinary project with strong educational outreach.	A. S. Y. Mackie, J.W.C. James, T. Darbyshire, S. Philpott, K. Mortimer, A. Morando, G.O. Jenkins, L. Murphy and C. Poulton
16:20-16:40	Marine habitat mapping – results from the Archipelago Sea, northern Baltic Sea.	A. T. Kotilainen, A M Reijonen, U Alanen, A Hirvonen, A Laine, J Leinikki, P Oulasvirta, T Suominen, P Vahteri J H Andersen, J Ekebom, J O Leth, G Lindeberg, S Neuvonen, M Nyman, A Nöjd, H Piekäinen and J Reker
16:40-17:00	High resolution sea bottom survey of the Oslofjord, Norway – usual suspects and unexpected encounters.	Aivo Lepland, Reidulv Bøe, Heidi Olsen, Aave Lepland and Oddbjørn Totland
18:00-20:00	Ice Breaker Hosted By Fugro Pelagos Inc. <i>Metro Bar, Apex International Hotel</i>	

THURSDAY, MAY 4TH 2006

09:10-10:30	<i>Anthropogenic Impact and Habitat Mapping</i> Chair – <i>Kim Conway (Geological Survey of Canada)</i>	
09:10-09:30	The Eastern English Channel Marine Habitat Map: supporting the sustainable management of offshore resources.	<i>J.W.C. James, S. Philpott, D.S. Limpenny, A. Morando, R.A. Coggan, E. Bee, S.N.R. Birchenough, J. Robinson, S.E. Boyd, C. Johnston and B V Blyth-Skyrme</i>
09:30-09:50	Scale issues in ground-truthing the large-scale habitat map of the eastern English Channel.	<i>Roger A. Coggan, Silvana N.R. Birchenough, Jamie Robinson, David S. Limpenny and Siân E. Boyd</i>
09:50-10:10	Natural analogues for seabed energy development scenarios around the UK.	<i>Richard Holmes</i>
10:10-10:30	<i>Modiolus</i> bioherms in the Irish Sea: surveying and management challenges of a range of mussel bed types.	<i>E. I. S. Rees, C Lindenbaum, J Bennell, W G Sanderson and T J Holt</i>
10:30-11:00	Coffee Break	
11:00-12:00	<i>GIS and Data Processing / Analysis</i> Chair – <i>Ceri James (British Geological Survey)</i>	
11:00-11:20	Nearshore benthic habitat GIS for the Channel Islands National Marine Sanctuary and Southern California State Fisheries Reserves.	<i>Guy Cochrane</i>
11:20-11:40	Construction of potential marine benthic habitat maps in GIS for end users: a regional resources management tool.	<i>H. Gary Greene, Victoria M. O’Connell, Cleo K. Brylinsky, Joseph J. Bizzarro and Holly L. Lopez</i>
11:40-12:00	Typology of the sea floor of the North and Baltic seas by means of geostatistical and multivariate statistical methods.	<i>W. Schröder, R. Pesch and H. Pehlke</i>
12:00-12:40	Buffet lunch and Posters	
12:40-14:40	<i>Habitat Mapping Techniques (Session 1)</i> Chair – <i>Terje Thorsnes (Norwegian Geological Survey)</i>	
12:40-13:00	Exploring the relationship between sidescan sonar backscatter and benthic habitat.	<i>C. J. Brown and J. S. Collier</i>
13:00-13:20	Combined acoustic and optical methods for improved high resolution habitat classification: Sound of Harris.	<i>Tim J. Malthus, Evanthia Karpouzli, Dan B. Harries and Bob Foster-Smith</i>
13:20-13:40	Mapping Seabed Habitats off the North Irish Coast: a range of habitats and a range of techniques.	<i>A. Mitchell, C. Brown, J. White, J. Strong, F. Fitzpatrick, D. Long and M. Service</i>

13:40-14:00	Predicting the potential distribution of cold-water corals at the Irish continental margin.	Janine C. Guinan, Margaret F. J. Wilson, Colin Brown and Anthony J. Grehan
14:00-14:20	Seabed classification: a multidisciplinary approach to the mapping of deep-water coral habitats.	Max Kozachenko and Andy Wheeler
14:20-14:40	Developing species specific habitat suitability maps in the deep sea – case studies from the Irish continental slope.	Margaret Wilson, Janine Guinan, Anthony Grehan, Colin Brown
14:40-15:00	Coffee Break	
15:00-17:00	Habitat Mapping Techniques (Session 2) Chair –Anthony Grehan (National University of Ireland, Galway)	
15:00-15:20	Multibeam backscatter data processing and mosaicing: implications for usefulness in habitat mapping.	A. J. Mitchell, T Le Bas, K L Howell and P Kennedy
15:20-15:40	Are acoustic ‘facies’ diagnostic of benthic habitats on unconsolidated sea beds?	Thaiënne A. G. P. van Dijk, Ronnie A van Overmeeren and Sytze van Heteren
15:40-16:00	Defining marine landscapes at a detailed level and their relevance in a biological context, experience from the Belgian continental shelf.	Kristien Schelfaut, Els Verfaillie, Steven Degraer & Vera Van Lancker
16:00-16:20	Bathymetric data for mapping of seabed features and habitats. Scale relations based on tests off the coast of western Norway.	Lars Erikstad, Oddvar Longva, Trine Bekkby, Eli Rinde, Vegar Bakkestuen, Ole Christensen, Martin Isæus and Kjell-Magnus Norderhaug
16:20-16:40	Regionalisations of the Australian coastal and marine environment: a geophysical perspective.	R. Porter-Smith and V. Lyne
16:40-17:00	Application of a demersal regionalisation framework to assess faunal structuring on Australia’s continental shelf and slope and their relationship to deepwater geophysical properties.	Peter Last, Vincent Lyne, Rick Smith, Gordon Yearsley, Martin Gomon, Donna Hayes, Daniel Gledhill, Tony Rees and William White
19:00-22:00	GeoHab 2006 Dinner – <i>Heights Restaurant</i>	

FRIDAY, MAY 5TH 2006

09:00-10:40	<i>Classification of Habitats</i> <i>Chair – H. Gary Greene (Moss Landing Marine Laboratories, USA)</i>	
09:00-09:20	Report from the Quester Tangent workshop on the Acoustic Seabed Classification Workshop hosted at the British Geological Survey on the 2 nd May.	<i>Glenda Rathwell</i>
09:20-09:40	Testing the Coastal/Marine Ecological Classification Structure in the Columbia River Estuary.	<i>Nancy Wright, Katherine Nielsen and Michael Rink</i>
09:40-10:00	Benthic Habitat Classification for Rockfish stock assessment in Juan Perez Sound.	<i>Chris Grandin</i>
10:00-10:20	Development and application of a pelagic regionalisation for Australia's Marine Jurisdiction.	<i>Vincent Lyne, Donna Hayes, Rick Smith and Peter Last</i>
10:20-10:40	Physical surrogates for marine benthic habitats in the Gulf of Carpathia, northern Australia.	<i>Alexandra Post</i>
10:40-12:30	Coffee Break and Poster Session	
11:30-12:30	GeoHab 2007 Planning Meeting (<i>GeoHab Steering Committee, San Francisco Room</i>)	
12:30-13:20	Buffet lunch and Posters	
13:20-13:40	GeoHab Book Update	<i>Brian Todd and H. Gary Greene</i>
13:40-13:50	Plans for GeoHab 2007	<i>Gary Greene</i>
13:50-14:00	Announcement about plans for fieldtrip.	<i>Alan Stevenson</i>
14:00-14:20	Closing Remarks	<i>Alan Stevenson</i>
14:20-14:50	Coffee Break	

SATURDAY, MAY 6TH 2006

Field excursion to St Andrews. Meet at the APEX Hotel at 0800.