Oceans and Human Health Workshop

A rising tide of challenges and opportunities for Europe
March 20-21, 2014 at Bedruthan Steps Hotel, Mawgan Porth, Cornwall, UK

Purpose: Review and discuss recent research in the US and EU on the growing interconnectedness of oceans and human health, particularly focusing on current and future policy gaps and future directions; and the implications for the health of ocean ecosystems and human health and wellbeing in Europe and beyond.

All sessions will be attended by all participants; in each session, invited speakers/panelists will have 8 minutes to present a very brief overview and salient points, with the majority of the session time devoted to participant discussions.

Wednesday March 19
Travel with dinner at 7.30 pm in Hotel Restaurant (Wild Café)

Thursday March 20

8:30-9:00am Introductions, Overview – Organizing Committee

9:00-11:00am Established Risks in Oceans and Human Health (Fleming, Moderator)
(Anchor:Niall McDonough)

- Climate Change, extreme weather, storminess, heat waves and cloudbursts - Katja Phillippart (NL)
- Get ready for Ocean Acidification - Sam Dupont (SW)
- Harmful algal blooms (HABs): an increasingly important issue for oceans and human health? – Henrik Enevoldsen (CPH)
- U.S. and European Approaches to Managing Microbial Pollution at Recreational Beaches – Helena Solo-Gabriele (US)
- Anthropogenic chemicals and nanomaterials: persistent concerns in oceans and human health – John Stegeman (US)
- Plastics in the Marine/Coastal environment – Richard Thompson and Sabine Pahl (UK)
- Managing the Health Risks of Environmental Contamination into the Future - Alistair Boxall (UK)

11:00-11:30am Tea and Coffee

11:30am-12:30pm Mixed Risks, Benefits, and Tools in Oceans and Human Health (Austen, Moderator)
(Anchor:Lora Fleming)

- Invasive species and outbreak forming species are on the increase: why and what are the health implications – Mel Austen (UK)
- Ecosystems Services; 5 ways not to break the bank – Laurence Mee (UK)
Fisheries and aquaculture and human health – Adam Hughes (UK)
The role of economics and Valuation in Oceans and Human Health - Caroline Hattam (UK)
Value added decision making: how we can take better account of the cultural dimensions of the marine environment and benefits to human health and wellbeing- Sue Ranger (UK)

12:30-2:00pm Lunch in Hotel Restaurant

2:00-3:30pm New and Established Benefits in Oceans and Human Health (Hess, Moderator)
 {Anchor: Caroline Hattam}

- Ocean Medicines: Challenges and Opportunities for Human Health – Adrianna Ianora (IT)
- Large marine vertebrates as sentinels of toxicological threats in the marine environment: the connection with human health– Cristina Fossi (IT) & Michael Thorndyke (UK)
- Marine Energy: a viable component of our future energy mix? – Helen Smith (UK)
- Blue Carbon the role of healthy ecosystems in maintaining coastal carbon stores – Hilary Kennedy (UK)
- The Coast: an under-researched public health resource – Mat White (UK)

3:30-4:00pm Tea and Coffee

4:00-5:30pm Other Important Aspects of Oceans and Human Health (Moore, Moderator)
 {Anchor: Helena Solo- Gabriele}

- Ecological responses to climate change in the marine environment: models, projections, and scenario– John Pinnegar (UK)
- Maximum sustainable yield? Fish, fishers and people – Tom Appleby (UK)
- FAO efforts to improve fish safety and international fish trade – Jogeir Toppe (IT)
- Knowledge transfer, ocean literacy and the science-policy interface - Niall McDonough (IR)

6.00pm Organising committee to meet

7:00/7.30pm Dinner at Hotel Restaurant (Wild Café)

Friday March 21

07.30 am Optional walk to beach with Lora (weather permitting) meet in lobby

8:30- 9:30am Policy Implications and Funding of Oceans and Human Health (Mee, Moderator)
 {Anchor: Mat White}

- Reflections on the Workshop and Policy Implications of Oceans and Human Health – Tracy Collier (US), Wayne Elliot (Swit), Marco Weydert (EU), Adrianna Ianora (IT), John Stegeman (US)
  o Experience from the US, EU and global
  o “Hard data” around the impact on human health and wellbeing and on ecosystems
  o Identification of data gaps and resource needs
  o Importance of interdisciplinary science and training
Importance of collaboration across academia, business, government, and third sector with stakeholder input

9:30am -10:30 am Horizon Scanning Oceans and Human Health (Depledge, Moderator)  
   - Horizon scanning and future directions – Mike Depledge (UK)

10:30-11:00am Tea

11:00 am -12:30pm Where do we go from here? (McDonough, Moderator)  
   - Drafting a Vision Statement and 3 concrete goals

12:30 pm Optional Lunch/Departure