

Interspill 2012 – Scientific workshop

Understanding Chemicals (SW2)

Biographies

Kevin Colcomb

Kevin Colcomb is the environmental scientist lead with the UK Maritime Coastguard Agency. He has worked in the field of maritime pollution since 1984, firstly at Warren Spring Laboratory carrying out sea and shoreline trials to validate our understanding of the fate of oil and chemicals, use of dispersants and recovery systems as response tools.

In 1993, Kevin Joined the Marine Pollution Control Unit, main tasks there were responding to marine pollution incidents.

He was very heavily involved in the Rose Bay, Braer and Sea Empress incidents and more lately in the Napoli incident.

Out with incident response, Kevin is responsible for contributing to the UK National Contingency Plan and the UK arrangements for environmental advice, shoreline response structures, oily waste management to name but a few

Stéphane Le Floch

Stéphane Le Floch has a PhD in marine chemistry and has been employed by *Cedre* since 1995, where he is the Coordinator of HNS activities in the Research and Development Department. This implies responsibilities in scientific projects on HNS topics (fate of chemical at sea, response techniques, detection...). He is also in charge of implementing biomarker techniques to monitor the impact of pollutants on marine organisms in order to perform risk assessment study dedicated to accidental events. In addition, from January 2008, Stéphane Le Floch has been the French representative to the GESAMP working group on the Evaluation of Hazards of Harmful Substances Carried by Ships (GESAMP/EHS).

Deborah French McCay

Dr. French McCay specializes in quantitative assessments and modeling of oil and chemical releases for impact, risk, and natural resource damage assessments (NRDA); evaluating transport and fates, exposure, and effects of pollutants on individual organisms, populations and aquatic ecosystems. Dr. French McCay leads development of ASA's oil and chemical spill models (SIMAP and CHEMMAP) and manages numerous projects utilizing these models to evaluate oil/chemical trajectory and fate, impacts and ecological risks. She has been principal investigator and primary author of more than one hundred technical reports and papers, and is an internationally recognized expert in oil spill fate and effects modeling. As part of the BP Gulf of Mexico spill NRDA and under contract to NOAA, Dr. French-McCay is co-leading the technical working groups analyzing pathway, exposures and injuries to water column and to offshore fish and invertebrates.