

4th Premium Conference

Post Spill Monitoring & Impact Assessment Conference

Looking Back and Moving Forward

21st June 2018, Flett Theatre, Natural History Museum, London



*The aim of the Premium conference is to provide a forum for **scientists, regulators, environmental advisors, academics and other professionals** working in the field of marine oil/chemical spill monitoring and impact assessment to **share experience, best practice and knowledge** with the wider marine emergency response community. In line with theme of 'looking back and moving forward' this event will provide a unique opportunity to reflect what has been achieved so far and to investigate through expert presentations and discussion what are the key areas for development moving forward.*

Conference Sponsors:



Please pass this to colleagues who might be interested

Introduction

Spills of oils and chemicals in the marine environment remain a significant threat. Therefore, the requirement for response capability, improved preparedness and effective post-incident monitoring and assessment remains undiminished. PREMIAM is an initiative aimed at improving post-spill environmental monitoring practices through the application of sound science and effective management and coordination. Premium is co-ordinated by emergency response and impact assessment experts from Cefas (Centre for Environment, Fisheries and Aquaculture Science) and is now in its 9th year. It has wide support from all relevant UK government stakeholders and fully engages the scientific, industry and emergency response communities in delivering its aims.

The conduct of effective environmental monitoring in the event of marine spills of oil or chemicals is essential in order to understand environmental damage, the effectiveness of response and mitigation activities and the hazards to response workers and the general public.

The 1st Premium conference (2012) explored the relevance and importance of an effective monitoring programme, the 2nd conference (2014) focussed on preparedness and the 3rd conference (2016) primarily addressed issues around best practice and working together. This 4th Premium Conference comes, therefore, at an opportune time for the emergency response and marine monitoring communities to reflect on progress so far and to establish the key areas that need attention to drive innovation and efficiency for the coming decade and beyond.

There are many stakeholders with an interest in how marine spills are managed and mitigated. Establishing an environmental monitoring programme, utilising best practices in management and science, so that the full impact and the effectiveness of the response is assessed and understood is the primary aim of the Premium initiative. Make sure you and your organisation are aware of the latest developments and take the opportunity to contribute in a unique gathering of experts.

Objectives

- To reflect on the way **best practice science and management** have contributed to improvements in post-spill monitoring and preparedness.
- To consider the roles of all stakeholders in **integration and collective responsibility**.
- To share best practice in the **planning, management, coordination and conduct** of marine monitoring activities following marine incidents and to learn from the experiences of emergency response professionals.
- To consider the use of **emerging science and technology** in an emergency response context.
- To consider efficient and effective ways of achieving monitoring aims, including **data sharing and availability**.
- To look forward to **future challenges** and to establish where effort needs to be focussed to **achieve better implementation** of post-spill monitoring in the future.

Programme

9:00 - 9:40 **Registration and refreshments**

9:40 – 9:50 **Welcome to the conference**

Sonia Phippard, Director General for Environment, Rural and Marine, DEFRA

Session 1: From Science to Decision-making

Chairperson: *Mark Kirby, Science Services Director, Cefas*

09:55 – 10:05 **Premiam and the Post-Spill Monitoring Guidelines**

Mark Kirby, Science Services Director, Cefas

10:05 – 10:35 **Keynote talk: Seasons in the Field: Some Reflections on a Career of Studying the Consequences of Catastrophe** *Gary Shigenaka, Marine Biologist, NOAA, USA*

10:35 – 10:55 **Incident Response in Scotland – Managing the Response with Scientific Support**

Daniel Pendrey, Acting Chair of Scotland's Environment Group, Marine Scotland

10:55 – 11:15 **Post-Spill Impact Assessment in France: Preparedness Status and Perspectives**

Ivan Calvez, Biological Oceanographer, CEDRE, France

11:15 – 11:35 **Scientific Data Sharing and Availability – How it is essential in Environmental Monitoring Responses** *Suzanne Ware, PMCC Chair (England), Cefas*

11:35 – 11:55 **Rapid Response and Long-Term Monitoring for Marine Birds - The Role of Science**

Julie Black, Marine Ornithologist, JNCC

11:55 -12:40 **First break: food and refreshments**

Session 2: Case Studies

Chairperson: *Rob Holland, Technical Lead, OSRL*

12:40 – 13:10 **Keynote Talk: The Legacy of Spills: Remembering and Forgetting Environmental Impacts**

Tim Cooper, Social Historian, Exeter University

13:10 – 13:30 **50 years of Case Studies – What we have learnt about Environmental Impact**

Nicky Cariglia, Senior Technical Advisor, ITOPF

13:30 – 13:50 **National Response Exercises – Environment Groups – Learning from Response and Exercise'** *Stuart Hankey, Emergency Planning Officer, Environment Agency*

13:50 – 14:10 **The Importance of Time Series to understand Long-Term Impacts**

Rebecca Kinnear, Executive Officer, SOTEAG) & Jon Moore, Director, CALM

14:10 – 14:50 **Second Refreshment break**

Session 3: Future Premiam

Chairperson: *Richard Johnson, Technical Director, ITOPF*

14:50 – 15:10 **Recent Development and Future Challenges for the Compensation Regime**

Kensuke Kobayashi, Legal Counsel, IOPC Funds

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- 15:10 – 15:30 **An Integrated Approach to Post-Spill Monitoring – Space to Seabed**
David Hamersley, Remote Sensing Lead, CGG & Peter Collinson, Global Environmental Response Expert, BP
- 15:30 - 15:50 **Molecular Microbial Tools for Future Oil Spill Monitoring**
Terry McGenity & Boyd McKew, Environmental Microbiologists, University of Essex
- 15:50 – 16:10 **Connecting Environmental Studies to NEBA/SIMA: Appropriate use of Science and Data**
Alun Lewis, Oil Spill Consultant
- 16:10 – 16:30 **Plenary discussion and summary**
- 16:30 Close of conference

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PREMIAM is an ongoing project with a long-term legacy; it is being co-ordinated by emergency response and impact assessment experts from Cefas (Centre for Environment, Fisheries and Aquaculture Science). It has wide support from all important government stakeholders and fully engages the scientific, industry and emergency response community in delivering its aims. Diana Hunt & Jayne O'Nions from ConServe Conference Services will be handling the conference administration.

The Venue: The venue is the Flett Gallery, Natural History Museum, Kensington. This is a tiered lecture theatre, with all the modern AV aids and professional projectionists.

Accommodation: There is a wide range available in the area; details will be available on booking.

Conference fee:	£185 + VAT	£37.00 =	£222.00
Concession rate:*	£145 + VAT	£29.00 =	£174.00
Post-graduate Student rate (Full time) & Retired rate:	£ 65 + VAT	£13.00 =	£78.00

***Concession rate:** To make the conference as inclusive as possible, this rate applies to individuals and organisations that clearly work from limited budgets. We will review this on a case by case basis so please contact us first, **before booking** by email to ConServe2016@gmail.com if you think you qualify.

- The fee includes food and refreshments and the conference papers
- Delegates with special needs should make this clear on booking

Conditions:

- Preferred method of payment is by credit card [online](#) at Eventbrite
- Alternatively to pay by BACS or cheque, please email this booking form to ConServe2016@gmail.com
- Payment should be completed **BEFORE** the event; otherwise entry may be refused
- Refunds (less £20 administration charge) will only be issued for cancellation more than ten working days before the meeting; substitutes are permitted

For wider information about the Premium initiative please visit www.cefas.co.uk/premium

Further details from conference administration: Email Diana or Jayne at ConServe2016@gmail.com

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June 21st 2018, London**

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It is essential for pre and post-conference communication (outputs) to have delegate email addresses

Email Address _____

I am/am not content for my Email address to be retained and used to receive future information about Premium related events

Please register _____ place / s Total amount _____ Your ref. / order number _____

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