

INSITE

Influence of
man-made
structures in
the ecosystem

The Influence of Man-made Structures in the North Sea: Building the Evidence-base

11 December 2017

Sir Duncan Rice Library
University of Aberdeen



Building the Evidence-base - Agenda

Time	Item	Lead
13:30	Coffee and Registration	
14:00	Welcome and Programme Overview	Richard Heard, INSITE Programme Director
14.10	Automation of Marine Growth Analysis for Decommissioning Offshore Installations	Dr Kate Gormley, University of Aberdeen
14.30	An evidence-based approach for the effects of decommissioning options on Marine Protected Area conservation and ecosystem services	Prof Mike Elliott, University of Hull
14.50	Coupled Spatial Modelling (COSM) - Food web effects due to structures and habitat change in the North Sea	Dr Chris Lynam, CEFAS
15:15	Coffee Break	
15.40	Appraisal of network connectivity between North Sea oil and gas platforms (ANChor)	Dr Lea-Anne Henry, University of Edinburgh
16:00	INSITE Phase 1 – Summary of Outcomes	Prof John Shepherd, Prof Torgeir Bakke
16:30	Panel Session: How far have we come?	ISAB and PI's
17:00	Close	

“Science in support of ecologically sound decommissioning strategies for offshore man-made structures (MMS)”

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Contributions:

- Original research articles,
- “**Food for Thought**” a thought-provoking or controversial issue,
- “**Quo Vadimus**”

Research focussed on the introduction and removal of MMS, aiming to understand:

- ecological understanding (e.g. colonisation and recovery patterns);
 - ecosystem level effects, including tools and applications;
 - physical (e.g. hydrodynamic) effects;
 - societal implications of decommissioning for industry and end-users.
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- **Editors:** Silvana Birchenough (Cefas, UK) and Steven Degraer (RBINS, Belgium)



The deadline for submissions is on the 1st April 2018

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INSITE Phase 2

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INSITE Phase 2 – Scope and Funding (5-year duration)

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Scope

Funding

Data Initiative (including Project Management)

- Gather and process existing data
- Develop protocols
- Collect and process new data
- Development of data access products (e.g. portal access)

Science Programme

- Science Board led
- Built on enhancing INSITE Phase 1 objectives
- 5-year Programme, including synthesis to inform Policy-makers

Technology Programme

- Identify low-cost data acquisition systems
- Development of new technologies to enhance Data Initiative

Industry Cash Contribution
(£2.5M)

Industry In-kind Support
(~£2.5M)

Department for Business, Energy & Industrial Strategy
BEIS & NERC (in-kind)

NERC and Partners
(£5.0M)
'Joint Strategic Response'

Industry Contribution

DEFRA (£600K & In-kind) 

Industry Contribution

OGTC or similar¹

 The Oil & Gas Technology Centre
Your Innovation Partner

¹ Subject to discussions with OGTC or others

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- Current Phase 2 budget: £10Million over 5 years
 - ISAB with NERC have confirmed scientific scope of Phase 2 (JS-R funding route)
 - Gathering Industry support (*JS-R relies on Industry Partners*):
 - Working with potential Sponsors, develop support for Phase 2 within operator community and renewables sector
 - NERC
 - NERC Board support: Mid-October 2017,
 - Call for Proposals: April 2018
 - NERC Grant Awards/ Research: December 2018 to September 2022
 - Synthesis Project: Jan-Dec 2022
 - Industry Partners:
 - Confirm support by: end January 2018
 - Data Initiative begins: April 2018