

# INFOMAR Seminar 2017

# Collaborating For Marine Resource Management

## Integrated Mapping for the Sustainable Development of Ireland's Marine Resource

**NMCI**

**Ringaskiddy, Co. Cork**

**15<sup>th</sup> -16<sup>th</sup> November 2017**

**Seminar Focus:** *Collaborating For Marine Resource Management*

**Objective:** *To stimulate partnership, collaboration and innovation*

**Sessions:**

### **DAY 1**

INFOMAR Progress and Planning

Coastal Mapping and Collaboration

Ireland's Eye on Europe & The North Atlantic

Interactive Session

### **DAY 2**

Developing Ireland's Marine Economy

Research and Resource Development: Practical examples

European Marine Sand And Gravel Group – Future Opportunities



**Roinn Cumarsáide, Gníomhaithe  
ar son na hAeráide & Comhshaoil**  
Department of Communications,  
Climate Action & Environment



**Geological Survey**  
Suirbhéireacht Gheolaíochta  
Ireland | Éireann



**INFOMAR**  
Integrated Mapping for the  
Sustainable Development  
of Ireland's Marine Resource



**Marine Institute**  
Foras na Mara



**NMCI**

National Maritime College of Ireland  
Coláiste Náisiúnta Mara na hÉireann



Wednesday 15<sup>th</sup> November, 2017

## INFOMAR Seminar

### Session 1: INFOMAR Progress & Planning

09:30 Welcome - Koen Verbruggen (GSI) & Mick Gillooly (MI)

10:00 INFOMAR 2017 Progress & Planning 2018 – 2026  
*Tommy Furey*

10:15 INFOMAR proposal: Marine Operators Work Shop for Vessel operators using INFOMAR data  
*Sean Cullen*

10:30 INFOMAR Mapping Developments - UAV Mapping & Coastal Heritage (CHERISH updates)  
*Ronan O'Toole*

10:45 Introducing NMCI  
*Conor Mowlds*

11:00-  
11:30 Discussion / Questions

*Coffee Break & Poster Session*

### Session 2: Coastal Mapping and Collaboration

11:30 Developments in Coastal Mapping through remote sensing technologies  
*Xavier Monteys (GSI)*

11:45 Drone based optical remote sensing  
*Tom Rossiter (NUIG)*

12:00 Mapping: More Sensors, More Data, More Science, More Uses  
*Vera Quinlan (MI)*

12:20 Acoustic evidence of fluid flow and seepage in Irish Basins  
*Srikumar Roy (UCD)*

12:40 Seabed mapping to enable underwater wreckage location, search and recovery  
*John Owens (AAIU)*

13:00 –  
14:00 Lunch & Poster Session

Wednesday 15<sup>th</sup> November, 2017

## INFOMAR Seminar

### Session 3: Ireland's Eye on Europe and the North Atlantic

- 14:00 Ireland's Future Marine Opportunities in Europe  
*Niall McDonough (MI)*
- 14:20 Coastal and offshore data for management & decision support (DGMare Checkpoint)  
*Fergal McGrath (MI)*
- 14:40 Future Initiatives (Eurofleets & Atlantic Survey Plans)  
*Aodhan Fitzgerald (MI)*
- 15:00 2017 mapping of Ireland's offshore reef habitat – EMFF / NPWS / MI / GSI / INFOMAR  
*Leonie Dransfield (MI) & David O'Sullivan (MI)*
- 15:20 – Questions / Discussion / Coffee Break

### Session 4: INFOMAR Interactive Session – Meet The Team

- 15:45 **Open Plan Posters & Pitch Presentations**
- INFOMAR team project highlights
  - Data Access: INFOMAR Web Map Viewers & EMODNET regional data products.
  - Irish Marine Research Activity
  - Tour of the ERI Beaufort Building, including the LIR National Ocean Test Facility (NOTF)
  - Interactive displays including;
    - Touch screen data displays
    - Sandbox
    - Drone
    - 3D Shipwreck Models
  - Video highlights of 2018 EMFF & NPWS funded INFOMAR supported offshore reef survey
- 16:30 Reception
- 17:30 Day 1 Closes

Thursday 16<sup>th</sup> November, 2017

## INFOMAR Seminar

### Session 5: Developing Irelands Marine Economy

10:00 Irish Marine Development Team  
**Mark White** (IMDO)

10:15 Blue Growth – Opportunities and Challenges  
**Val Cummins** (MaREI)

10:30 Ireland open for Business; harnessing our offshore energy resources  
**Declan Meally** (SEAI)

10:45 GDG – Offshore Windfarm Development – a practical example of project development  
**Paul Doherty** (GDG)

11:00-  
11:30 **Coffee Break**

### Session 6: Research & Resources Development

11:30 European Offshore Renewable Energy Infrastructure Networks in an Irish context  
**Katie Lynch** (MaREI)

11:50 iCrag Marine Spoke - introduction  
**Prof Andy Wheeler** (UCC)  
Quaternary stratigraphic framework for the eastern and southern coast of Ireland  
**Dr. Zsuzsanna Toth** (UCC)

12:10 Marine geodynamics meet marine engineering; upgrading Greystones Harbour  
**Sean Mason** (ARUP)

12:30 Use of Copernicus Emergency Management Service during the 2015 / 2016 Winter Flooding and Key Lessons Learned  
**Jim Casey** (OPW)

12:50 INFOMAR Session Close / EMSAGG Session Open

13:00 –  
14:00 **Lunch**

Thursday 16<sup>th</sup> November, 2017

## EMSAGG Workshop



The European Marine Sand and Gravel Group (EMSAGG) was formed in 1998 to share knowledge on policies and practices relating to mapping, licensing, execution and monitoring of marine sand and gravel with particular regards to environmental protection and sustainability. It achieves this through regular member's meetings, by holding learning workshops, organising a triennial international conference and occasional newsletters. Registration as well as further information is available on the EMSAGG website: [www.ciria.org/emsagg](http://www.ciria.org/emsagg)

### EMSAGG – Future Opportunities

14:00	Introduction and welcome, Cees Laban, Chair EMSAGG
14:10	INFOMAR – Emphasis on usefulness of the data to industry <i>Koen Verbruggen, Geological Survey Ireland</i>
14:30	Ireland's marine legislation with practical focus on what that means for industry and planning authorities <i>Eoin Fannon, Office of the Attorney General, Ireland Legal Services</i>
14:50	The Crown Estate & the management of UK Aggregates (Invited by EMSAGG committee) <i>Nick Everington, Portfolio Manager – Marine Minerals, Crown Estate</i>
15:10	<i>Coffee break and networking</i>
15:30	Beneficial use of secondary aggregate from dredging) <i>Gerry Sutton, Research Fellow, Centre for Marine and Renewable Energy, Ireland</i>
15:50	<i>Discussion and closing remarks</i>
16:15	<i>Introduction and optional tour: Centre for Marine and Renewable Energy, Ireland</i>

