

OUR OCEAN WEALTH CONFERENCE


SEAFEST
Galway 2016
JUNE 30 - JULY 3



Innovating for Our Marine Future

3rd ANNUAL CONFERENCE // Friday 1st July 2016
National University of Ireland, Galway

ABOUT OUR OCEAN WEALTH CONFERENCE

Now in its third year, this year's Our Ocean Wealth Conference takes place at NUI Galway as part of the 2016 SeaFest programme. The conference will provide delegates with an update on the progress in implementing Ireland's Integrated Marine Plan, Harnessing Our Ocean Wealth. Delegates will also hear perspectives from policy makers, industry leaders and researchers on the challenges and opportunities for Ireland in the marine arena.

The broad conference theme this year is "Into the Blue – Innovating for Our Marine Future". Three sessions will investigate how Ireland can innovate in each of the three goal areas of Harnessing Our Ocean Wealth, namely: A Thriving Maritime Economy, Healthy Ecosystems and Engagement with the Sea.

THE CONFERENCE MODERATOR:



OLIVIA O'LEARY, *Broadcaster and Journalist*

Olivia O'Leary has presented television and radio programmes for the last three decades for both RTÉ and the British Channels, BBC and ITV and has won both Jacob's and Sony awards for her work. She has written about politics for the Irish Times and the Sunday Tribune.

She does a weekly political column for RTÉ Radio 1's Drivetime. The O'Brien Press have published two collections of her columns, 'Politicians and Other Animals' and 'Party Animals'.

OUR OCEAN WEALTH CONFERENCE

"INTO THE BLUE - INNOVATING FOR OUR MARINE FUTURE"

FRIDAY 1ST JULY 2016 **VENUE:** BAILEY ALLEN HALL, NATIONAL UNIVERSITY OF IRELAND, GALWAY

08.00 - 09.00

REGISTRATION AND MORNING NETWORKING

09.00 - 09.15

CONFERENCE WELCOME DR. JIM BROWNE, PRESIDENT, NUI GALWAY

09.15 - 10.25

SESSION 1

Harnessing Our Ocean Wealth, Update and Progress

An update on progress of the implementation of Harnessing Our Ocean Wealth including announcements of marine related policy initiatives and actions from Government Ministers.
Michael Creed TD, Minister for Agriculture, Food and the Marine
Denis Naughten TD, Minister for Communications, Energy and Natural Resources
Seán Kyne TD, Minister of State for Gaeltacht Affairs and Natural Resources

10.25 - 10.30

VIDEO INSERT - Baselines Project

10.30 - 11.00

MORNING COFFEE BREAK

11.00 - 11.10

VIDEO INSERT - A profile of Irish researchers demonstrating excellence in their field

11.10 - 12.30

SESSION 2

Into the Blue Economy

SPEAKERS

Tara McCarthy, CEO, Bord Iascaigh Mhara
Mary L. Shelman, Global Food and Agri-food Thought Leader
Brian Carroll, Assistant Secretary General, Department of Communications, Energy and Natural Resources

PANELLISTS

Alan Ahearne, Professor and Head of Economics, NUI Galway
Liam Lacey, Director, Irish Maritime Development Office
Adrian Boyle, CEO and Co-founder, Cathx Ocean
Ian Venner, Audit Partner in Assurance Services, EY

12.30 - 13.15

LUNCH

13.15 - 13.25

VIDEO INSERT - A profile of Irish researchers demonstrating excellence in their field

13.25 - 14.45

SESSION 3

Into the Blue: Map, Observe, Predict, Innovating across the Atlantic

SPEAKERS

Peter Heffernan, CEO, Marine Institute
Sigi Gruber, Head of Marine Resources Unit, DG Research Innovation, European Commission
Gerald Fleming, Head of Forecast Division, Met Éireann

PANELLISTS

Craig N. McLean, NOAA Assistant Administrator for Oceanic and Atmospheric Research, USA
Ciara Jackson, Director, Agri-Food and Beverage Practice Leader, Aon Risk Solutions
Louise Allcock, Lecturer in Zoology, Ryan Institute, NUI Galway
Koen Verbruggen, Director, Geological Survey of Ireland

14.45 - 14.55

VIDEO INSERT - A profile of Irish researchers demonstrating excellence in their field

14.55 - 16.15

SESSION 4

Into the Blue: Our New Relationship with the Sea

SPEAKERS

Simon Coveney TD, Minister for Housing, Planning and Local Government
Linda Rosborough, Director, Marine Scotland
Cecil Beamish, Assistant Secretary General, Department of Agriculture, Food and the Marine

PANELLISTS

Anne Marie O'Hagan, Senior Research Fellow, MaREI Centre, Environmental Research Institute, UCC
Sue Barr, External Affairs Manager, OpenHydro Group Ltd.
Catherine McConnell, A/Director of Services for Planning, Community, Enterprise and Economic Development, Galway County Council
Jim Gannon, Chief Executive Officer, Sustainable Energy Authority of Ireland

16.15 - 16.30

CONFERENCE KEYNOTE

"A Sea Story"

Craig N. McLean, NOAA Assistant Administrator for Oceanic and Atmospheric Research, USA

SESSION 2: INTO THE BLUE ECONOMY

Perspectives from industry and enterprise agencies on new innovations in the Marine Economy.

SESSION 2: SPEAKERS

TARA MC CARTHY, *Chief Executive Officer, Bord Iascaigh Mhara*



Tara McCarthy is the Chief Executive Officer of Bord Iascaigh Mhara, Ireland's seafood development agency. Tara joined the agency in September 2015 bringing with her over 20 years' experience in the wider food industry. Tara has operated in overseas markets for 10 years in Germany, France and Belgium and holds a Bachelor of Commerce degree with an MBS in Marketing from Smurfit Business School. An affiliate of Harvard Business School and IMD Business School, Switzerland; Tara has been a regular

contributor to the Government's Food Harvest 2020 and Foodwise 2025 reports and succeeded in delivering a number of instrumental initiatives for the Irish Food Industry under the 'Pathways for Growth' programme. Ms. McCarthy was previously Director of the Food and Beverages Division in Bord Bia, the Irish Food Board, and has led a team of Senior Executives on the development of the seafood, dairy, prepared foods, alcohol and small business sectors.

MARY L. SHELMAN, *Global Food and Agri-food Thought Leader*



Mary L. Shelman is a thought leader and strategic pathfinder in the global food and agribusiness sector, working with companies, governments and organisations to diagnose the forces of change shaping the future of the industry. Mary translates these insights into actionable strategy, advising on how best to position businesses for significant growth both within existing and non-traditional markets. Working with CEOs of industry-leading firms, Mary has authored more than 60 case studies highlighting situations of strategic change and transformational leadership. Her work has been published in Harvard Business Review, Market Leader,

and the International Food and Agribusiness Management Review. Mary is the former Director of the Agribusiness Program at Harvard Business School and has served on the boards of Cooksimple, International Food and Agribusiness Management Association (IFAMA), Fractal Antenna Systems, RiceTec, Stiftung Furst Lichtenstein and has been awarded the IFAMA Fellowship, in recognition of her contribution to the industry. She has also advised the Irish government on the strategic direction of the country's food industry, co-authoring the Pathways for Growth report that led to the creation of the world's first country brand based on sustainability.

BRIAN CARROLL, *Assistant Secretary General, Department of Communications, Energy & Natural Resources (DCENR)*



Brian Carroll is the Assistant Secretary leading the Natural Resources function at the DCENR. He is responsible for policy across the geoscience sector, including the Geological Survey of Ireland, mineral exploration and mining, petroleum exploration and extraction, and inland fisheries, as well as oversight of Inland Fisheries Ireland. Brian joined the Department in 2008, having worked previously as Head of Decarbonisation and Head of Finance and Corporate

Affairs. He has wide experience across the public service, having also worked in the Departments of Finance, Foreign Affairs and Justice. Brian holds degrees in business, anthropology and economics, and is a graduate of University College Dublin, Trinity College, the Institute of Public Administration, and the Dublin Business School.

SESSION 2: PANELLISTS



ALAN AHEARNE,
Professor and Head of Economics, NUI, Galway



LIAM LACEY,
Director, Irish Maritime Development Office



ADRIAN BOYLE,
CEO and Co-Founder, Cathx Ocean



IAN VENNER,
Audit Partner in Assurance Services, EY

SESSION 3: INTO THE BLUE: MAP, OBSERVE, PREDICT – INNOVATING ACROSS THE ATLANTIC

A session highlighting the impact of the North Atlantic on our lives and societal challenges ahead, building in recent advances in our understanding through new trans-Atlantic research alliances that increase our ability to Map, Observe and Predict the ocean.

SESSION 3: SPEAKERS



PETER HEFFERNAN, *Chief Executive Officer, Marine Institute*

Peter Heffernan has led the Marine Institute, the national agency for marine research and development since 1993. The Institute also provides essential research infrastructure platforms such as the national research vessels and ROV Holland 1 and ocean energy test and development platforms. The Institute delivers a range of research and monitoring and advisory services in fisheries, aquaculture, oceanography, maritime development, as well as acting as a driver for marine research and development through funding programmes. The Institute also provides advice on marine research policy at

national and European level. Dr Heffernan obtained a B.Sc. Degree and Ph.D. in marine science from the NUI, Galway. He held a post doctoral position in University of Georgia, US where he became an associate professor/research scientist leading the shellfish research laboratory. On his return to Ireland in 1992 he was Manager in the Martin Ryan Institute at the National University of Ireland, Galway. Dr Heffernan is a member of the Royal Irish Academy (2006 – Present). He was appointed as an Adjunct Professor in Marine Science, NUI, Galway in 2006.



SIGI GRUBER, *Head of Marine Resources Unit, DG Research and Innovation, European Commission*

Sigi Gruber is heading the Marine Resources Unit in the Directorate-General for Research and Innovation of the European Commission. The Unit defines and implements research and innovation objectives and priorities to support the EU's Integrated Maritime Policy, in particular the Blue Growth Agenda, thereby contributing to the sustainable and responsible management of marine resources, both in Europe and globally. It consults industry and other stakeholders concerned and ensures coherence between research and innovation objectives and bioeconomy policy objectives.

Furthermore, the Unit coordinates the Atlantic Ocean Research Alliance while monitoring and contributing to specific initiatives such as the Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI-Oceans) and the Baltic Sea Research and Development Programme (BONUS). In April 2011 she took responsibility for EU science, research and innovation cooperation with North America, Latin America and the Caribbean, where she coordinated the signing of the Canada-EU-US Galway Statement which launched the Atlantic Ocean Research Alliance.



GERALD FLEMING, *Head of Forecast Division, Met Éireann*

Gerald Fleming is an expert Irish meteorologist and is Head of Forecasting in Met Éireann. Gerald took out B.Sc and M.Sc degrees in Experimental Physics from UCD before joining Met Éireann; his career has been focused on the strategic development of weather forecast services in Ireland. Early years were spent in aviation forecasting; he moved to general forecasting in 1984, and commenced television weather broadcasting just one year later. Following more than a

quarter-century of "bench" forecasting he was appointed Head of Forecasting for Met Éireann in 2008. Very active internationally, he is a founder-member of the International Association of Broadcast Meteorology and has also served as Chair of the Public Weather Services group of the World Meteorological Organisation (WMO) for more than a decade. He is a member of both the Irish and American Meteorological Societies.

SESSION 3: PANELLISTS



CRAIG N. MCLEAN,
NOAA Assistant Administrator for Oceanic and Atmospheric Research



LOUISE ALLCOCK,
Zoology Lecturer, Ryan Institute, National University of Ireland, Galway



KOEN VERBRUGGEN,
Director, Geological Survey of Ireland



CIARA JACKSON,
Director, Agri-Food and Beverage Practice Leader, Aon Risk Solutions

SESSION 4: INTO THE BLUE: OUR NEW RELATIONSHIP WITH THE SEA

As we look to the sea, we need new ways to engage citizens and educate future generations. Maritime Spatial Planning offers a unique opportunity to build a new relationship with the sea.

SESSION 4: SPEAKERS

Simon Coveney TD, *Minister of Housing, Planning and Local Government*



Simon Coveney TD was appointed Minister for Housing, Planning and Local Government on 6 May, 2016. He previously served as Minister for Agriculture, Food and the Marine from March 2011. During this period, Mr. Coveney chaired the Marine Coordination Group which brings together representatives of departments and agencies with an involvement in marine issues to drive forward the Governments joined up Marine Strategy and coordinate

issues that require cross-departmental action. For the six month period to the end of June 2013, Simon chaired the EU Council of Agriculture and Fisheries Ministers where he was at the forefront regarding EU efforts in respect of Common Agriculture (CAP) as well as Common Fisheries (CFP) Policy reforms. Under his chairmanship both dossiers were progressed significantly, with a reform package for CFP agreed in May 2013 and a reform package for CAP.

LINDA ROSBOROUGH, *Director, Marine Scotland*



Linda Rosborough has been Director of Marine Scotland since June 2012. As Director of Marine Scotland, Linda is responsible for the prosperity and environmental sustainability and integrated management of Scotland's seas. Prior to this appointment, Linda was Head of Marine Planning and Policy. Linda has previously worked on farm payments and social inclusion in the Scottish Government. She has also

held a number of posts in the Northern Ireland Office. Before becoming a civil servant she worked as an advisor to the Environment Committee of the House of Commons and as a researcher and academic on environmental and planning issues.

CECIL BEAMISH, *Assistant Secretary General, Department of Agriculture, Food and the Marine*



Cecil Beamish is an Assistant Secretary General within the Department of Agriculture, Food and the Marine. Cecil's area of responsibility within the Department covers the Marine

dimensions of the Department's remit, including the Marine Agencies which come within the ambit of the Department.

SESSION 4: PANELLISTS



JIM GANNON
Chief Executive Officer, Sustainable Energy Authority of Ireland



ANNE MARIE O'HAGAN,
Senior Research Fellow, MaREI Centre, Environmental Research Institute, University College Cork



SUE BARR,
External Affairs Manager, OpenHydro Group Ltd.



CATHERINE MCCONNELL,
A/Director of Services for Planning, Community, Enterprise and Economic Development, Galway County Council

KEYNOTE SPEAKER

CRAIG N. MCLEAN, *NOAA Assistant Administrator for Oceanic and Atmospheric Research*



Craig McLean is the Assistant Administrator for NOAA's Oceanic and Atmospheric Research (OAR) office. He is responsible for overseeing, directing and implementing NOAA's research enterprise including a network of research laboratories and the execution of NOAA programs including the Climate Program, National Sea Grant, Ocean Exploration, to name a few. Among a number of formal international engagements in science and technology, Mr. McLean serves as the U.S. Representative to the Intergovernmental Oceanographic Commission (IOC), and as the Co-chair of the U.S. European Union EU Marine Working Group. Mr. McLean has previously served in NOAA as Acting Deputy Assistant Administrator

of the National Ocean Service, was the founding Director of OAR's Office of Ocean Exploration and Research and served in uniform for nearly 25 years in NOAA's Commissioned Corps, attaining the rank of Captain. Mr. McLean served aboard hydrographic, oceanographic, and fisheries research ships and was the first commanding officer of the NOAA Ship Gordon Gunter. Craig led NOAA's innovation and planning for the Smithsonian Institution's Sant Ocean Hall, and achieved a National Ocean Action Plan goal of securing a permanent, dedicated ship for the National Ocean Exploration Program, the NOAA Ship Okeanos Explorer. Craig is also an attorney and has practiced marine resource law for NOAA.



OUR VISION

Our ocean wealth will be a key element of our economic recovery and sustainable growth, generating benefits for all our citizens, supported by coherent policy, planning and regulation, and managed in an integrated manner.

Harnessing Our Ocean Wealth - An Integrated Plan for Ireland

www.ouroceanwealth.ie