



NEWSLETTER

NO.1

WAVES OF CHANGE
OCTOBER 2023
ISSUE NO 1

OCEAN LITERACY

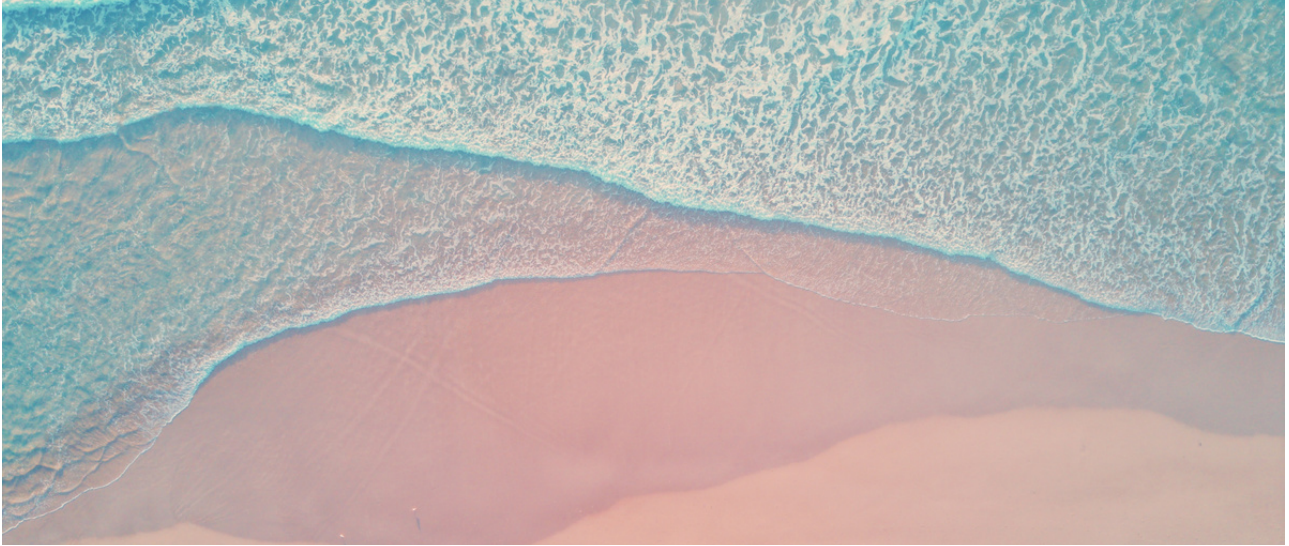
PRINCIPLES AND
THEMES EXPLORED

TEAM

WHO ARE WE? WHAT
WE DO? HOW CAN
YOU ENGAGE WITH
US?

GET INVOLVED

CALLS FOR FAMILIES
CALLS FOR ARTISTS
PARTNERSHIPS



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An overview of the project and what it will explore

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OCEAN LITERACY PRINCIPLES

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Who are we? And where can you find us?

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FUTURE ACTIVITIES

Would you like to be involved with us? Then be aware of the calls we are going to put out soon...

WAVES OF CHANGE

Is a research project led by a team of researchers from the Marine and Freshwater Research Centre of the Atlantic Technological University in collaboration with the Galway Atlantaquaria

Focus

The project will explore the 7 Ocean Literacy Principles as well as three main topics:

- Biodiversity Loss
- Climate Change
- Ocean Pollution

How?

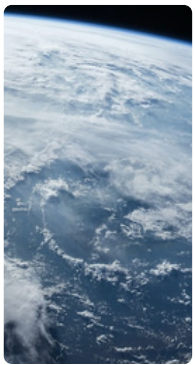
A series of workshops and collaborations with other partners in town will be established to accomplish the goals of the project that include assessing ocean literacy among diverse stakeholders, build upon existing knowledge and develop education materials to promote behaviour change.



OCEAN LITERACY

How many principles and why are they important?

Ocean Literacy includes 7 principles that reflect on socio-economic parameters, on biodiversity and on biogeochemical and physical properties of the ocean, including its resources.



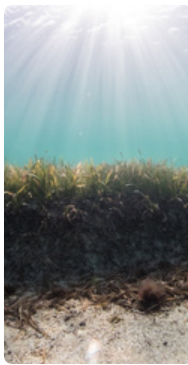
Principle 1



Principle 2



Principle 3



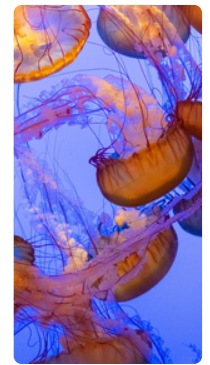
Principle 4



Principle 5



Principle 6



Principle 7

What are they?

Principle 1 - The Earth has one big ocean with many features

Principle 2 - The ocean and life in the ocean shape the features of the Earth

Principle 3 - The Ocean is a major influence on weather and climate

Principle 4 - The Ocean makes Earth habitable

Principle 5 - The ocean supports a great diversity of life and ecosystems

Principle 6 - The ocean and humans are inextricably linked

Principle 7 - The ocean is largely unexplored

For more on this topic please visit <https://www.wavesofchange.net/olp>



TEAM

Meet our team of researchers and community engagers!

The team has experience in scientific research, community engagement, organisation of workshops, webinars and dissemination of results and resources to diverse stakeholders including governmental bodies, industry, non-governmental organisations, and the general public.



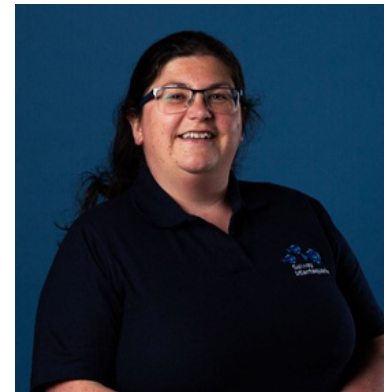
Dr Róisín Nash

Project coordinator and benthic ecology researcher
Senior Lecturer in Aquatic Ecology



Dr João Frias

Marine litter and microplastic researchers, ocean literacy and behaviour change specialist



Dr Noirin Burke

Director of Education at the National Aquarium of Ireland. Outreach and awareness event manager



FUTURE ACTIVITIES

The project includes a diverse set of resources on ocean literacy including :

1. Call for artists - art residencies
2. Call for schools - video contest
3. Call for families - Carbon Footprint Audits
4. Workshops on:
 - a. Biodiversity loss
 - b. Climate Change
 - c. Ocean Pollution
5. Collaborations
 - a. Galway Bay is Calling with Music for Galway and Galway Atlantaquaria
 - b. Massive Online Open Course (MOOC) on plastic pollution
 - c. Development of transition-year modules

Timeline

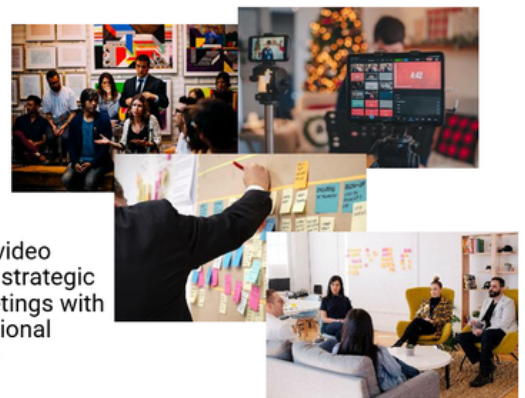
2022

Literature review, content development; assessment tools and ethical approval



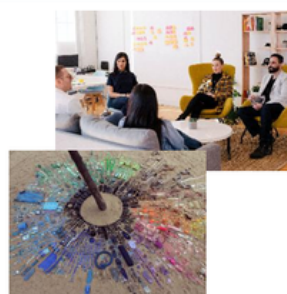
2024

Workshops, video competition, strategic network meetings with local and national stakeholders



2023

Ocean Literacy database of resources, surveys and focus groups, carbon footprint audits



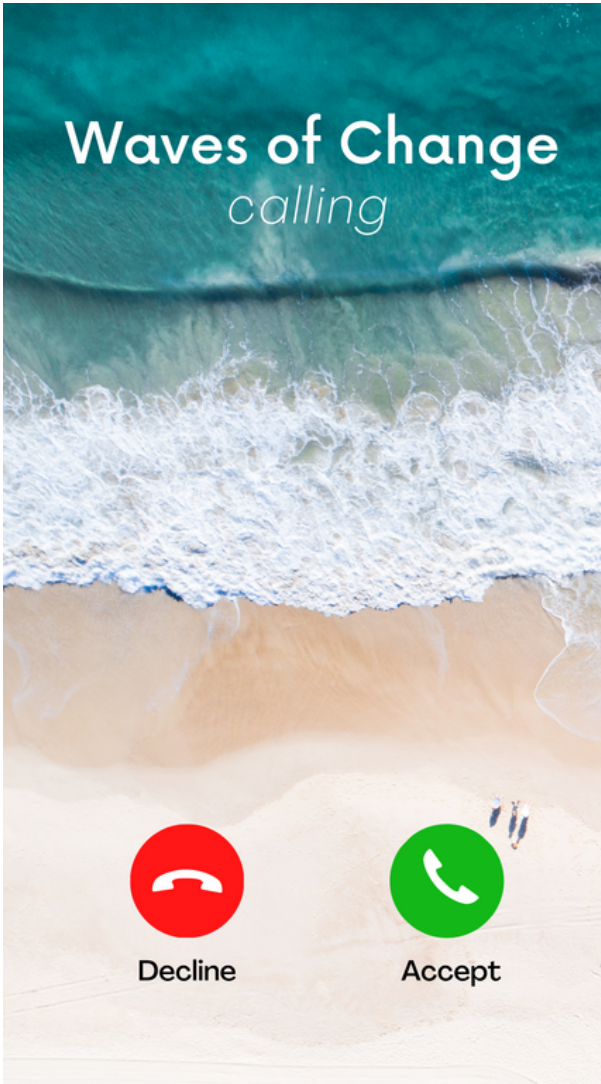
2025 and beyond

Art residence and exhibition, Ocean Literacy Cruise



The project is following this timeline above and we are on track to engage with stakeholders, artists and local communities to share our passion about the ocean

Want to know more? Visit our website at <https://www.wavesofchange.net>



DIVERSE CALLS

**COMING
SOON**

1. Call for artists

We are looking for local artists, preferably based in Galway city to develop Ocean Literacy related projects and increase the connection of people with the sea. We will organise two art residencies and showcase the best art work that Galway has to offer

2. Call for schools



Following up our collaboration with Music for Galway in the Galway Bay is Calling project, we will put out a video contest between schools to explore the ocean literacy



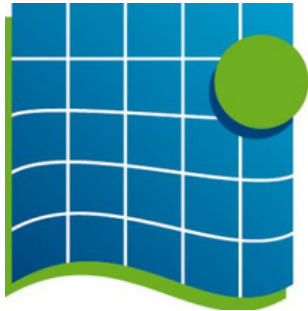
3. Call for families

We are looking for 10 families to join us in a carbon footprint audit, to assess waste and energy consumption. Details coming up soon.

**CALL FOR
FAMILIES**
CARBON FOOTPRINT AUDIT

WOULD YOU LIKE TO BE PART OF A RESEARCH PROJECT THAT IS DESIGNED TO SAVE YOUR FAMILY MONEY?

THIS PROJECT IS FUNDED BY



Marine Institute
Foras na Mara

Grant-Aid Agreement No. PDOC/21/04/02

This project contributes to the following
Sustainable Development Goals



Waves of Change supports



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development



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Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University



Galway
Atlantaquaria®

Waves
of
change

*promoting sustainable development values
and behaviour change through ocean literacy*