

**Highlights of 2022-2023**  
**by Future Earth and Ocean KAN**  
SCOR Annual Meeting 2023



**OCEAN  
KNOWLEDGE  
ACTION  
NETWORK**

## Global Knowledge Sharing for Ocean and Coastal Science and Management

- Mission-oriented science
- Co-design, co-production, co-delivery of science with stakeholders
- Co-creation of knowledge
- Open science

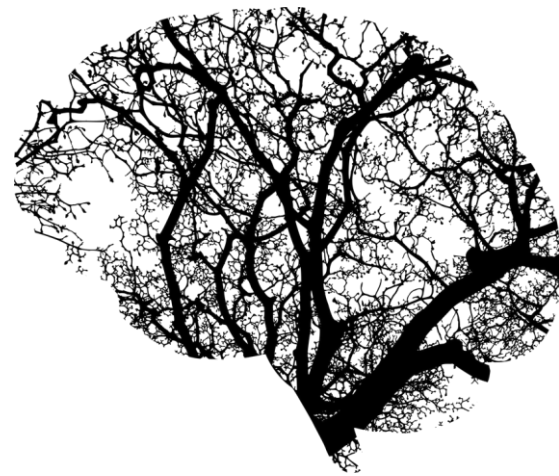


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## Relationship-building meetings with inner circle members

- Focus on connection and trust
- Identifying needs
- One-on-one interactions
- Shared values and principles
- Community polls



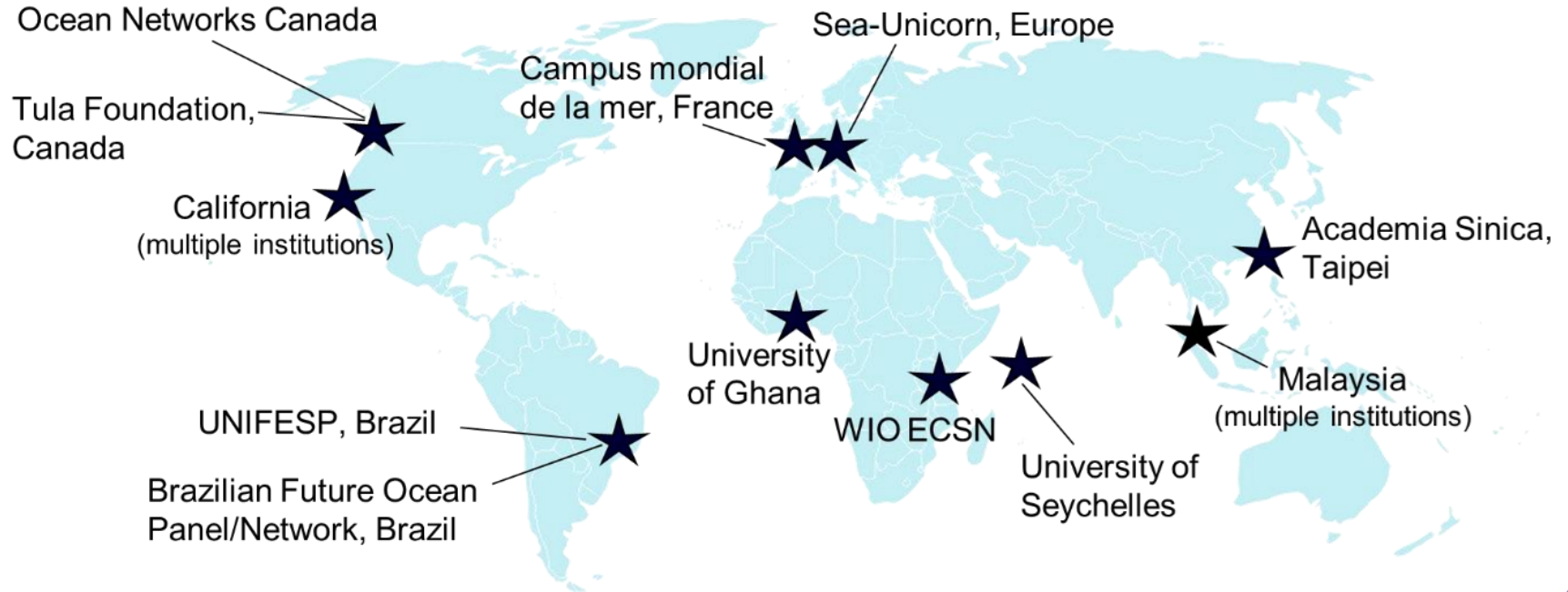
Revised governance

Common purpose

Learning circles: Scientific storytelling, mental wellbeing

Regional focus and bottom-up approach

# Building our network from the ground



# Building our network from the ground



## First OKAN in-person meeting

- March 2023
- Hosted by Academia Sinica and Future Earth Taipei

- Regional action and leadership
- In-person meetings
- Trust building



Polynesian partners



Ocean KAN Malaysia

# Activities in the last year



## Ocean Hackathon 7

- Kuala Lumpur, tutor and jury, Dec 2022
- Grand Finale, keynote and jury, Brest 2023

## CO-DESIGNING SCIENCE

### Marine Life 2030 – Communities of Practice



- 6th WCMB 2023
- Two interactive sessions
  - UN Ocean Decade Challenge #2
  - Collaboration and co-designing science

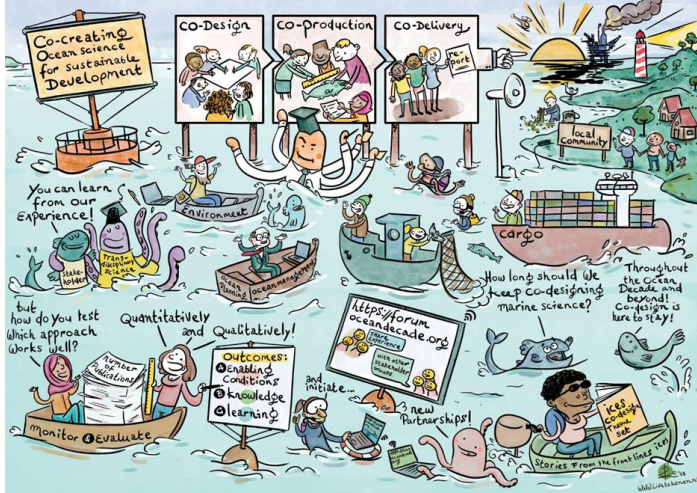
## LEARNING CIRCLES

- Mental wellbeing in conservation
- Scientific storytelling and art

## MENTORING

### Global Sustainability Scholars

- Two returning scholars in 2023
- June-July (2 months)



- **ICES Journal of Marine Science**  
Theme set on Co-design of ocean science for sustainability  
1 introduction and 12 articles to date
- **3 peer-reviewed articles**  
acknowledging OKAN

## Using Video Narratives to Communicate Your Science: A Step-by-Step Toolkit

### Toolkit Purpose:

The purpose of this toolkit is to guide early-career scientists (ECS), students, and professionals through the process of making their own scientific narrative videos. This toolkit primarily focuses on sharing your narrative and knowledge through a video format, and includes resources on how to develop, film, and edit your video with the resources available to you.

- Scientific storytelling toolkit
- Video tutorial series (coming)

# Upcoming activities



## Ocean Hackathon 8

- Global Community Partner
- Kuala Lumpur
- 17-19 November 2023



## UN Ocean Conference Pre-meeting in Costa Rica

- Cross-network side event



## UN Ocean Decade Conference

- ECOP side event



## Sea-Unicorn meeting

- Marine functional connectivity
- OKAN convening stakeholder sessions
- May 2024



## Focus on Indigenous knowledge and science

- Management of MPAs
- Pacific focus

The image features a large, stylized 'f' in the background, composed of a blue and white abstract pattern resembling a mountain range or a stylized letter. The main text 'futureearth' is in a blue, lowercase, sans-serif font. Below it, the tagline 'Research. Innovation. Sustainability.' is in a smaller, grey, sans-serif font. The entire graphic is set against a white background with a large blue triangle on the right side.

# futureearth

Research. Innovation. Sustainability.

2023 Updates

# Science - Policy

- Ocean-related side events at UNFCCC COP27 in Sharm el Sheik
- CBD COP15 in Montréal, the IPCC 58 session, the Bonn Climate Change Conference, the UNFCCC SBSTA, the IPCC 10 in Bonn and IPCC meeting in Nairobi
- UN Water conference: joint statement by Earth Commission and Sustainable Water Futures

## Pathways Forum #5 – Navigating pathways towards more sustainable and just ocean governance, from the structural to the local context

Our fifth Pathways Forum, organised in collaboration with the Ocean Knowledge-Action-Network (KAN), focused on the development of pathways, from structural and community-based perspectives, towards sustainable ocean governance. Alexandre Ganachaud (IRD) opened the discussion with a presentation of his work with the Pacific Community (SPC) on the vulnerability of Oceania's fisheries to climate change and PACPATH, a transdisciplinary pathways-oriented research project aiming to contribute to ocean sustainability. This was followed by Leopoldo Gerhardinger (ICTA – Autonomous University of Barcelona), who shared his research on using a networked knowledge-to-action approach focused on pathways towards structural changes in marine governance systems in Brazil. Finally, Victor Brun (CRILOB) gave insights from a local perspective through his work on participatory processes engaging local communities to create community-managed marine protected areas in the Philippines with Sulubaa, a local NGO.



## Pathways Initiative

# Publications

## Charting the course for the next decade of Sustainability Research and Innovation



01 Nov 2022 to 14 Jul 2023



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31/05/2023 [News](#) – [Publications](#)

### A just world on a safe planet: First study quantifying Earth System Boundaries live

Humans are taking colossal risks with the future of civilization and everything that lives on Earth, a new Earth Commission study published today in the journal *Nature* shows. Developed by more than 40 researchers from across the globe, the scientists deliver the first quantification of safe and just Earth system boundaries on a global and local level for several biophysical processes and systems that regulate the state of the Earth system.



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