

Notes from Meeting between ESSAS and IMBeR Chair

1st December 2022

Attended by Benjamin Planque, Naomi Harada, Diana Ruiz Pino, John Claydon

General discussion about ESSAS

ESSAS's major activity is the ESSAS Annual Science Meeting

ESSAS Working groups: Ocean Acidification, Fisheries, Human Dimensions, Paleo-ESSAS (reconstruction of environment). All working groups are pan-Arctic.

There are also ESSAS-endorsed projects.

Belmont Forum funded RACArctic (Resilience and Adaptive Capacity of ARCTIC marine systems under a changing climate)

ESSAS does not conduct the research, but meets to organise the work.

Barents Risk, and Nansen Legacy – Norway

National Project for Arctic – Japan

ESSAS over the next two years:

Conduct region of Arctic synthesis

ASM 2023 will be held in Bergen in June

Focus on Coastal – Physics, Chemistry, Human Dimensions, etc . (everything in Human-Ocean system)

Synthesis activities over next two years:

Working groups in ESSAS

Diana suggested work with

Direct Work with other Regional Programmes does not happen.

Diana – suggested that they could produce a polar synthesis or paper (i.e. ESSAS-ICED)

Diana- IMBeR group working on Carbon could be connected to ESSAS

Is ESSAS developing new technologies etc, is there a database, modelling, etc.?

Endorsed projects produce technology, data etc.

ESSAS is more about communicating the science. Communication with scientists but also the community.

Diana – is there a strategy?

Benjamin – no real strategy/plan. Publications for scientist to scientist communications, and processes and meetings to communicate with stakeholders.

RACArctic stakeholder meetings involve industry and NGOs.

At the ASM in Japan there was a public lecture.

Naomi – the ASM is a good opportunity for stakeholder meetings. Major topic was decline in fisheries, relationship between climate change and fisheries, and predict the future situation.

Stakeholder meetings are interesting and informative. Specific topics such as resilience, and also a place where we start the conversation. The dialogue is a way for both to understand each other.

RACArctic had a horizon scan. Investigate scenarios and stakeholders are often interested in this.

Specific product – DVD from first meeting in Japan.

Diana – IMBeR needs to produce things other than publications.

How do ESSAS progress the IMBeR Science Plan and Priority Research Areas?

ESSAS more continuing and wrapping up, and focuses more on their priorities rather than IMBeR's.

IMBeR helps ESSAS with ASM, website, etc.

ESSAS has IMECaN link with ECRs

ASM – financial support from IMBeR is not enough to cover the ASM and so they always need to get more.

Money helps to invite people who would otherwise not be able to go to ASM.

ESSAS is very keen to have more involvement of ECRs.

Ocean-Land connection

Diana – Future Earth does not have a very large ocean component.

Could the next steps be to connect the ocean with the land?

A SCOR working group could potentially facilitate this.

The Arctic is a nice place to connect what is happening in the ocean with the land.

Post 2025 – What is the Future? How to produce a new science plan for IMBeR?

It would be nice if ESSAS could brainstorm with other regional programmes about the future of IMBeR.

Benjamin – For Arctic systems, ongoing stuff with increase in human activities in the Arctic. Human Dimensions (mining, fishing, tourism, transportation) are taking up more space than a decade ago. Shift to where humans are part of the ecosystem.

ESSAS has not yet talked about post 2025, but it is important to discuss.

ESSAS should contribute to UN Decade too (has not contributed yet)

Synthesis activities

ACTION – ESSAS to provide new ideas for synthesis activities.

Naomi need a time for ESSAS SSC to discuss and then be able to report back.

Benjamin – circulate agenda to SSC in June and will get a reply after June meeting.

2024 – Future Oceans3 in Colombia

ESSAS ASM can join Future Oceans3

Goal of Future Oceans3 is legacy of IMBeR and IMBeR post-2025

IMBeR Newsletter

Benjamin commented that it is a nice product.

The Newsletter is open for contributions from IMBeR regional programmes, working groups etc.