

OCEAN INCUBATOR NETWORK



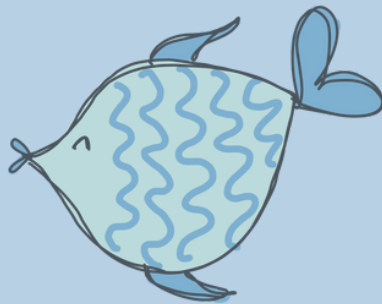
*Inter, trans and cross
disciplinarity*

WORKSHOP BOOKLET

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Workshop PROGRAM

Friday, May 3rd

Location: Det Arktiske Hus, Strandgade 102, 1401 Kobenhavn

- 9.00-10.00 Welcome and opening remarks by Margherita Paola Pota, Frank Sejersen & Laura Vita, and sound bath experience
- 10.00-11.30 Morning working session: Develop a creative project/activity on your topic for a target audience - see pg. 5 for additional information
- 11.30-12.30 Lunch Break
- 12.30-14.00 Feedback & Discussion session: groups will present their activity and seek feedback from the larger group - see pg. 7 for additional information
- 14.00-14.30 Afternoon coffee break
- 14.30-16.00 Afternoon working Session: Integrating feedback gathered from the discussion period & completing activity
- 16.00-16.30 Final Presentation showcasing your activity
- 16.30-17.00 Gratitude Circle

Saturday, May 4th

- 9.00 - 11.00* Reflective Practice Walk beginning outside Det Arktiske Hus

*end time is approximate you may depart at any point



Toolkit OUTLINE *draft*

1

Introduction

Review of OIN

Overall Goal & Purpose

Alignment with Agenda 2030 & UArctic

2

One Pagers

One Pagers from members and contributors

Showcases the varied background of the OIN

Demonstrates that many different people can contribute to advancing Ocean Literacy

3

Positionality

This section emphasizes the significance of positionality in research and its role in promoting ocean literacy

4

Interdisciplinary

This section emphasizes the significance of Inter, trans- and cross-disciplinarity in research and its role in promoting ocean literacy

5

co-creation

This section emphasizes the significance of cocreation in research and its role in promoting ocean literacy

6

Activities

This section showcases activities that bring research to life & promoting ocean literacy

Activities included are from our working groups and student-led projects

7

Resources

This section contains documentaries, videos, research papers, books & workshops that can be accessed and used to promote Ocean Literacy

Definition

The research developed in this toolkit arises from an inter, trans- and cross-disciplinary collaboration focused on marine sciences, including climate and ocean governance, marine ecology, marine socio-ecology, ocean policy, planetary health and transdisciplinary science.

This collaborative effort's main objective is to deepen the understanding of diverse knowledge and viewpoints on ocean literacy from a spectrum of disciplines and sectors and explore their applications and challenges in academic and research contexts. Through this synergy, the aim is to delineate a practical framework for advancing and enhancing ocean literacy to influence ocean protection and sustainability efforts positively.

Connection to the two pathways

Interdisciplinary, cross-disciplinary, and transdisciplinary approaches are central themes that intersect with our two pathways of connecting to each other and connecting to the environment. We emphasize the significance of developing these approaches within ocean literacy, as they enable us to bridge various disciplines and perspectives. We aim to foster a systemic understanding and effective response to ocean-related issues by establishing a common language and seeking shared solutions to challenges from diverse scientific fields and viewpoints. Furthermore, inter-, cross-, and transdisciplinary approaches facilitate a comprehensive reflection on ocean protection by integrating diverse perspectives and knowledge domains.

BACK GROUND INFORMATION

These methodologies enable us to consider the complex interconnections within ocean ecosystems and human interactions with the ocean. By engaging in collaborative efforts that transcend disciplinary boundaries, we can identify innovative strategies to enhance ocean literacy. Through this integrated approach, we strive to deepen our understanding of the ocean's importance and vulnerabilities while fostering a collective commitment to its conservation and sustainable management.

Suggestions on how to develop the exercise, dividing it into: 1. a theoretical analysis; 2 application exercises; 3. connection and collaboration; 4. feedback.

Theoretical exercise

- Take a few moments to reflect on your academic or research background and experiences.
- Consider instances where you have encountered interdisciplinary, cross-disciplinary, or transdisciplinary approaches in your field of study or research.
- Think about the benefits and challenges associated with each approach.
- Write down concise definitions of interdisciplinarity, cross-disciplinarity, and transdisciplinarity based on your understanding.
- Identify key characteristics and distinguishing features of each approach.
- Consider how these approaches differ in terms of collaboration, knowledge integration, and problem-solving.

Application Exercise:

- Choose a complex problem or research question relevant to your field of study or research interests.
- Brainstorm potential approaches to address the problem using interdisciplinarity, cross-disciplinarity, and transdisciplinarity.
- For each approach, identify the disciplines or fields of study that could contribute valuable insights and expertise.
- Consider how each approach could enhance understanding and generate innovative solutions to the problem.
-

Connection and Collaboration:

- Explore opportunities for interdisciplinary collaboration within your academic or research community.
- Identify potential collaborators from diverse disciplines who could contribute complementary perspectives to your work.
- Consider ways to establish and maintain productive partnerships that leverage the strengths of each discipline.

Reflection and Feedback:

- Reflect on the insights gained from completing the exercise.
- Consider how your understanding of interdisciplinarity, cross-disciplinarity, and transdisciplinarity has evolved.
- Share your reflections with colleagues or mentors and seek feedback on your approach and analysis.

Creative ACTIVITY



Instruction: Explain Inter/trans/cross-disciplinarity & their connection to promoting Ocean literacy to a target group of your choosing using a creative activity

Here is a summary of elements to include; feel free to use this as a starting point!

Title of section:

Introduction

- Background information
- Define inter, trans- and cross-disciplinarity
- link the importance of inter, trans- and cross-disciplinarity with Ocean Literacy
- how did you decided to address it within your activity

Methodology

- explaining how your chose your target audience
- expand on steps you followed to create your project



Results

- brief description of the creative activity including the following: Activity Name, target audience, focus, learning objective, materials needed and guidance

Discussion

- Receiving the feedback, outlining how the feedback influenced their project, explain the mind-map

Conclusion

- How you integrated the feedback
- How do you see that this activity can be helpful to improving your theme within Ocean Literacy

Discussion QUESTIONS



These questions will be asked to all groups, they are meant to be a starting point for discussion!

If there was one thing that could be added or changed in this section/activity, what would it be?

How did the presentation of this section/activity improve your overall understanding of the topic?

In what ways can you use this information to inform your work?

Creative Visual Representation



The designated discussant will create a visual representation of the presenting group's information. It can be a mind-map, infographic or diagram. Get creative in the space below!