Ocean Health Index Onboarding

OHI Team

2020-10-16

Contents

Chapter 1

Welcome

Hello! This book has onboarding resources for the Ocean Health Index (OHI). It is meant as an annotated learning roadmap for groups that are interested in leading your own OHI+ assessment.

1.1 What is this book?

This book aims to help you get "on board" with Ocean Health Index (OHI) methods and practices. There are a lot of moving pieces to leading your own OHI assessment - called OHI+ - and it's important to set yours up in a way that is organized and collaborative, expecting that team members might change and that methods might be revisited. So building in resilience and focusing on documentation and sharing from the beginning is critical.

Orient to the book, the websites, "github repos" Ohi-science.org incl ohi-global, OHI+ websites. Oceanhealthindex.org? Website books

Chapter 2

Overview of the OHI Process

Three Lessons for Using the Global Ocean Health Index to Assess Local Oceans

Orient to the process: Learn > Conduct > etc PeerJ Fig 1, team roles, seaside chats, have meeting notes, write down decisions, etc. "structured approach". OHI+ examples Onboarding transparency, stakeholder engagement, teams open data science (openscapes)

This process is summarized on the ohi-science.org OHI+ page.

2.1 Transparency

- On Building Transparency and Trust for Healthy New England Seas

2.2 Open data science

- Open data science for marine management (blog)
- What does scientific reproducibility look like? (blog)
- The OHI Toolbox is useful far beyond ocean management (blog)

2.3 Getting help

https://ohi-science.org/resources/forum/

Chapter 3

Learn about OHI

OHI is a goal forward approach

There is a lot to learn about the Ocean Health Index framework in order to best prepare you for leading your own assessment. We recommend reading and watching the following, to start with a broad overview and then get deeper into different aspects of OHI. Then, continue to come back to review these materials throughout your assessment.

- https://ohi-science.org/learn/

3.1 Overviews and introductions to OHI

- **Title** - (slides). Introduction to OHI framework and global assessments by Ben Halpern and Steve Katona.
- Halpern & Katona etc
- **What makes OHI stand out in the sea of environmental indicators?**

3.2 Goals

- NE webinars
- https://ohi-science.org/goals
- Fellowship Feature: Expanding mariculture (blog)

Chapter 4

Plan your assessment

Next, you'll need to think about your stakeholders and your team.

- https://ohi-science.org/plan/

Chapter 5

Conduct your assessment

Other training resources are linked from the ohi-science.org training page.

OHI toolbox

http://ohi-science.org/data-science-training/

https://ohi-science.org/manual/

The best place to start is with the OHI Toolbox-training.

The OHI Manual is a good reference document as well. (A bit of history: this is how the whole ohi-science.org website started; this was originally a PDF created from a Word Doc that we would email to interested groups).

Chapter 6

Inform

https://ohi-science.org/inform/

Chapter 7

Global assessments

The OHI team at NCEAS leads global OHI assessments annually; we have iterated and refined our approaches since 2012. . The OHI+ guidance in the previous chapters of this book build from our experiences leading global assessments as well as advising OHI+ assessments. While global assessments are much more complex than most OHI+ assessments, global assessment onboarding is included here for reference.

http://ohi-science.org/ohi-global-guide/index.html

- populate from syllabi