



Environmental Effects of Marine Energy

Tethys is a knowledge hub containing documents and resources on the environmental effects of marine energy development around the world.

Tethys provides researchers, regulators, developers, and other stakeholders with data and information that can support siting, permitting, management decisions, and operational strategies in an environmentally responsible manner. Key features include a documents library, an events calendar, archived webinars, educational resources, and a bi-weekly newsletter.

New content is actively collected by a multidisciplinary team of curators at the **Pacific Northwest National Laboratory** and submitted by community members so that Tethys reflects the latest research, events, and more.



4,500+
DOCUMENTS



500,00+
ANNUAL PAGEVIEWS



3,000+
TETHYS BLAST
SUBSCRIBERS



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Knowledge Base and Map Viewer

Tethys hosts thousands of documents on the environmental effects of marine energy, including journal articles, conference papers, and reports. Documents in the [Knowledge Base](#) can be easily searched, sorted, and filtered by content type, technology type (e.g., wave, tidal), or environmental effect (e.g., fish collision). Geotagged documents can also be found by location in the [Map Viewer](#).

Tethys Blasts

The [Tethys Blast](#) is a bi-weekly newsletter that highlights new documents on Tethys; relevant announcements, opportunities, and upcoming events; and news articles of international interest. Join the mailing list and email us to contribute!

OES-Environmental

Tethys is the main outreach, engagement, and dissemination platform for the International Energy Agency's Ocean Energy Systems Environmental task. [OES-Environmental](#) is a collaboration among several countries to study the environmental effects of marine energy, disseminate the state of the science, and develop useful resources for various stakeholder groups.

2024 State of the Science Report

The [OES-Environmental 2024 State of the Science Report: Environmental Effects of Marine Renewable Energy Development Around the World](#) compliments and serves

as an update to the "2020 State of the Science Report". The 300-page report is the most comprehensive analysis on the environmental interactions of marine energy with marine animals, habitats, and ecosystem processes.



Additional Resources

- [Educational Resources](#): Materials developed for students, educators, and other groups to increase awareness and understanding of marine energy and effects.
- [Project Metadata](#): Information on marine energy deployments around the world and their environmental monitoring, including links to related reports and studies.
- [Guidance Documents](#): Documents that regulators and developers can use to evaluate environmental, social, and economic effects of marine energy.

PRIMRE

Tethys is one of seven knowledge hubs in the [Portal and Repository for Information on Marine Renewable Energy \(PRIMRE\)](#), which hosts additional marine energy data, information, and resources. Subscribe to the [PRIMRE Blast](#) newsletter to stay up-to-date with the marine energy community!

For More Information
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