TETHYS ENGINEERING

Tethys Engineering is a publicly accessible online knowledge base that seeks to progress the marine energy industry by making technical information widely available, both in the U.S. and internationally.

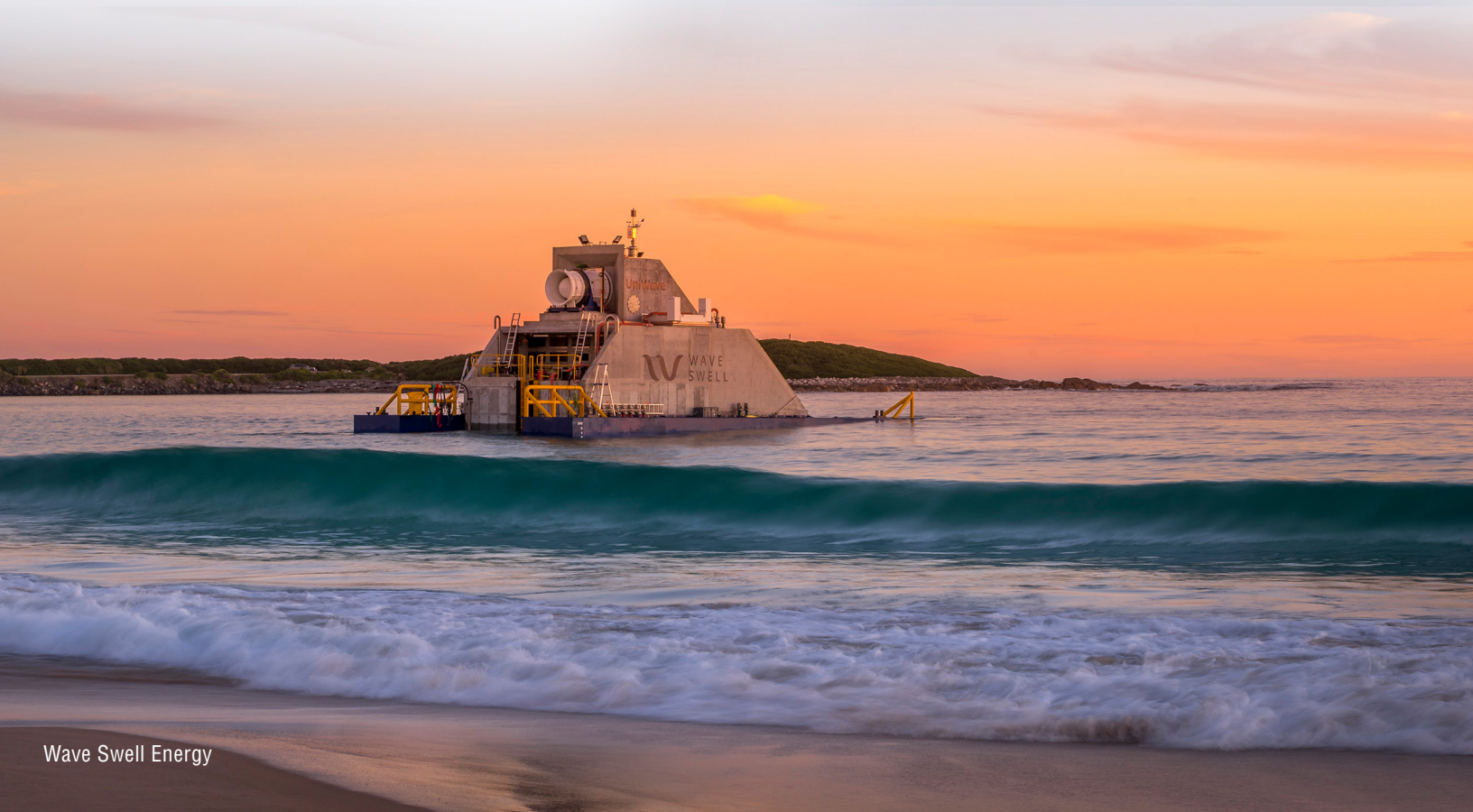
Tethys Engineering hosts scientific papers, reports, and other media on current energy, wave energy, ocean thermal energy conversion, and salinity gradient technology. The content covers a range of topics, including the design and testing of devices, resource characterization, device monitoring, and power performance.

The website also gives access to high-resolution photos of marine energy device deployments around the world and provides a central location for contacts for individuals and organizations, an events calendar, and links to related databases.

Tethys Engineering was launched in 2019 by the Pacific Northwest National Laboratory to support the U.S. Department of Energy's Water Power Technologies Office, and plays an analogous role to that of the *Tethys* website, which focuses on the environmental effects of marine energy.

KNOWLEDGE BASE AND MAP VIEWER

Tethys Engineering contains thousands of documents related to the engineering and technical aspects of marine energy development. There are several pathways by which users can find content to suit their needs. Documents available in the *Tethys Engineering* Knowledge Base can be easily filtered, searched, and sorted to find content relevant to specific topics. A subset of geotagged documents can also be found by location in the *Tethys Engineering* Map Viewer.



Wave Swell Energy

TETHYS ENGINEERING BLAST

The *Tethys Engineering* Blast is a bi-weekly newsletter that highlights new documents in the *Tethys Engineering* Knowledge Base; relevant announcements, opportunities, and upcoming events; and news articles of international interest. Visit *https://tethys-engineering.pnnl.gov/tethys-engineering-blasts/join* to join the list.

TETHYS ENGINEERING PHOTO LIBRARY

The *Tethys Engineering* Photo Library hosts hundreds of photos and illustrations of marine energy devices, arrays, and facilities, that have been graciously provided by over 45 developers worldwide. The images are available for free third-party use with attribution.

PRIMRE

Tethys Engineering is part of the larger system known as the Portal and Repository for Information on Marine Renewable Energy (PRIMRE), which aims to enhance the accessibility and discoverability of information relevant to marine energy research and development in the U.S. PRIMRE provides easy access to the databases, tools and codes, and other resources available within the marine energy space. The search bar allows users to search marine energy content across several databases.

SIMEC Atlantis Energy

FOR MORE INFORMATION

Visit *https://tethys-engineering.pnnl.gov/* for a robust collection of papers, reports, and other media on marine energy development.

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U.S. DEPARTMENT OF ENERGY

Office of
ENERGY EFFICIENCY &
RENEWABLE ENERGY

PRIMRE

Pacific Northwest
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