



## 24 December 2021

The [Tethys](#) Team here at the [Pacific Northwest National Laboratory](#) would like to wish you a very happy holiday season and a wonderful New Year! This special end-of-the-year edition of the *Tethys* Blast features a few announcements, opportunities, and upcoming events, as well as a brief look at some 2021 *Tethys* statistics!

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[Announcements](#)

[Upcoming Events](#)

[2021 Tethys Stats](#)

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### Announcements

#### [New PRIMRE Factsheet](#)

Did you know that *Tethys* is one of seven Knowledge Hubs within the Portal and Repository for Information on Marine Renewable Energy ([PRIMRE](#)) ecosystem? To learn more about PRIMRE and the other Knowledge Hubs, check out the new [PRIMRE Factsheet](#)!

#### [EnergyTech University Prize](#)

The US Department of Energy's (DOE) Office of Technology Transitions recently launched the [EnergyTech University Prize](#), a collegiate competition challenging multidisciplinary student teams to develop and present a business plan that leverages DOE national laboratory-developed and other energy technologies. The Explore Phase will close on 31 January 2022.

#### [BOEM Seeking Comments](#)

The US Bureau of Ocean Energy Management (BOEM) is seeking public input on a proposed lease sale in the [Carolina Long Bay](#) area through 3 January 2022. BOEM is also accepting public comments to inform the preparation of an Environmental Assessment for the [Morro Bay Wind Energy Area](#) through 11 January 2022.

## Calls for Proposals

The American Clean Power Association (ACP) is now [accepting submissions](#) for panel and poster presentation opportunities at the [Siting and Environmental Compliance Conference 2022](#) until 7 January 2022. The conference will take place on 29-30 March 2022 in Round Rock, US.

ACP has also extended the deadline to [submit a proposal](#) to speak at [CLEAPOWER 2022](#) to 7 January 2022. CLEANPOWER 2022 will take place on 16-18 May 2022 in San Antonio, US.

## Funding Opportunities

The US DOE is providing \$54 million for small businesses pursuing climate and energy research and development projects through its Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Letters of intent for the [SBIR/STTR Phase 1 Release 2](#) are due by 5:00pm EST (10:00pm UTC) on 3 January 2022.

The New York State Energy Research and Development Authority recently launched a [Request for Proposals](#) to support the collection of data through acoustic and oceanographic surveys in the New York Bight Wind Energy Areas to facilitate the responsible development of offshore wind. Applications are due by 3:00pm EST (8:00pm UTC) on 10 January 2022.

The European Maritime, Fisheries and Aquaculture Fund has launched a Call for Proposals to support strategic collaboration in the Atlantic, Black Sea, and Western Mediterranean. Proposals for Topic 1, “[Innovative multi-use projects combining offshore renewable energy with other activities and/or with nature protection in the Atlantic](#)”, are due 12 January 2022.

The US DOE’s National Renewable Energy Laboratory (NREL) has extended the deadline for its [Request for Proposals](#) to support research into the behavior of bats at wind turbines and species-specific responses to deterrent stimuli. Proposals are now due by 12:00pm MST (7:00pm UTC) on 14 January 2022. Awardees will receive \$450k to \$700k each to fund the research.

## Student & Employment Opportunities

The National Offshore Wind Research & Development Consortium is seeking a [Program Manager](#) to support efforts to promote research and development activities that reduce cost and risk of offshore wind projects throughout the US. Applications are due 5 January 2022.

The US Association of Fish and Wildlife Agencies is recruiting a [Wildlife and Energy Program Manager](#) to support staffing; serve as a liaison to federal partners; and collaborate on solutions to avoid, reduce, or mitigate energy and wildlife conflicts. Applications are due 16 January 2022.

The Electric Power Research Institute is seeking a [Principal Technical Leader](#) to be responsible for the day-to-day management of its Environmental Aspects of Renewables programs, which primarily focus on large-scale solar and wind energy (onshore and offshore).

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## Upcoming Events

### Upcoming Webinar

The US DOE and NREL are hosting an informational webinar on the [Inclusive Energy Innovation Prize](#) on 12 January 2022 at 1:00pm MST (8:00pm UTC). The webinar will cover details about the prize and strategies for developing a successful submission. Register [here](#).

### Upcoming Summit

The International Energy Agency Ocean Energy Systems (IEA-OES) is hosting a Funders' Summit: Adoption of the IEA-OES Evaluation and Guidance Framework for Ocean Energy Technology on 26 January 2022 at 7:30am UTC (register [here](#)) and 4:00pm UTC (register [here](#)).

### Upcoming Conference

The organizers of the Coastal Futures and Restoring Estuarine and Coastal Habitats (REACH) conferences are jointly hosting the Coastal Futures - REACH Conference 2022 online from 18-20 January 2022. View the current programme [here](#) and register [here](#).

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## 2021 *Tethys* Stats

Over the past year, the *Tethys* Team has added over 750 documents to the [Tethys Knowledge Base](#) and *Tethys* has been visited by over 141,000 users! If you'd like to contribute, [email us!](#)

## Top 10 Viewed Marine Energy Documents

1. [OES-Environmental 2020 State of the Science Report: Environmental Effects of Marine Renewable Energy Development Around the World](#) – Copping & Hemery (Eds.) 2020
2. [Annex IV 2016 State of the Science Report: Environmental Effects of Marine Renewable Energy Development Around the World](#) – Copping et al. 2016
3. [Islay Limpet Wave Power Plant Report](#) – The Queen's University of Belfast 2002
4. [Ocean renewable energy development in Southeast Asia: Opportunities, risks and unintended consequences](#) – Quirapas & Taeihagh 2020
5. [Wave and Tidal Energy: Environmental Effects](#) – Iglesias et al. 2018
6. [Environmental Impacts of Tidal and Wave Energy Converters](#) – Hutchison et al. 2021
7. [A systemic view of potential environmental impacts of ocean energy production](#) – Martinez et al. 2021
8. [Salish Sea Model: Simulation of Tidal Circulation, Nutrients Loading, Transport and Biogeochemical Processes](#) – Pacific Northwest National Laboratory 2012
9. [SeaGen Environmental Monitoring Programme: Final Report](#) – Keenan et al. 2011
10. [Environmental and ecological effects of Lake Shihwa reclamation project in South Korea: A review](#) – Lee et al. 2014

## Top 10 Viewed Wind Energy Documents

1. [Standard Investigation of the Impacts of Offshore Wind Turbines on the Marine Environment \(StUK4\)](#) – Federal Maritime and Hydrographic Agency of Germany 2013
2. [The State of the Science on Operational Minimization to Reduce Bat Fatality at Wind Energy Facilities](#) – Whitby et al. 2021
3. [Vineyard Wind 1 Offshore Wind Energy Project: Final Environmental Impact Statement](#) – Bureau of Ocean Energy Management 2021
4. [Life-cycle green-house gas emissions of onshore and offshore wind turbines](#) – Wang & Jinxiang 2019
5. [Hornsea Offshore Wind Farm Project One: Environmental Statement: Volume 5 - Offshore Annexes Chapter 5.5.1: Ornithology Technical Report](#) – RPS Group 2013
6. [Using a Collision Risk Model to Assess Bird Collision Risks for Offshore Wind Farms](#) – Band 2012
7. [Co-locating offshore wind farms and marine protected areas](#) – Ashley et al. 2018
8. [Draft Preliminary Environmental Assessment: Vandenberg Offshore Wind Energy Projects](#) – California State Lands Commission 2021
9. [Exploring the environmental and economic impacts of wind energy: a cost-benefit perspective](#) – Adeyeye et al. 2020
10. [Potential environmental effects of deepwater floating offshore wind energy facilities](#) – Farr et al. 2021

## Top 10 Countries Visiting *Tethys*

1. United States (48,153 users)
2. United Kingdom (15,977 users)
3. India (7,824 users)
4. Philippines (6,742 users)
5. Canada (5,655 users)
6. China (3,434 users)
7. France (2,970 users)
8. Australia (2,849 users)
9. Germany (2,826 users)
10. Spain (2,100 users)

## Top 10 Cities Visiting *Tethys*

1. London, UK (3,199 users)
2. Washington, DC, US (1,720 users)
3. New York, NY, US (1,508 users)
4. Ashburn, VA, US (1,466 users)
5. Cheyenne, WY, US (1,032 users)
6. Crozet, VA, US (982 users)
7. Dublin, Ireland (958 users)
8. Seattle, WA, US (953 users)
9. Singapore, SG (856 users)
10. Shanghai, China (841 users)

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## The *Tethys* Team

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