

Wind Energy Development Impacts on Marine Environment

June 28, 2016

<http://tethys.pnnl.gov/about-wren>



Wind Energy Development Impacts on Marine Environment

as presented by:

- **Brandon Southall, President and Senior Scientist, Southall Environmental Associates, Inc. and Research Associate, University of California, Santa Cruz**
 - Dr. Southall's presentation focuses on research to measure behavioral responses of marine mammals to various human sounds. He will present a basic introduction to marine mammal hearing and behavior, the range of effects of noise, and then focus on recent research and technology development to investigate how noise affects behavior.
- **Frank Thomsen, DHI, Denmark**
 - Dr. Thomsen's presentation will cover the essential results of the MaRVEN program, a project undertaken for the European Union (EU) Commission, Directorate-General for Research and Innovation, which involved a study of the environmental effects of noise, vibrations, and electromagnetic emissions from MREDs (Marine Renewable Energy, Vibration, Electromagnetic fields and Noise - MaRVEN).





iea wind

WREN Webinars Held to Date

- This is WREN's 7th webinar.
- Each offers perspectives from multiple nations on research, monitoring, methodologies, and results of wind energy and wildlife interactions.
- Next webinar will be July 21st 2016 focusing on a large aerial assessment of coastal waters for offshore wind development.
- Watch your email for more details
- If you are not on the webinar mailing list, simply send a blank email to **join-tethys-webinars@lyris.pnnl.gov**

All webinars and associated presentations are archived on the WREN Hub at: <http://tethys.pnnl.gov>.



Thank You!

For questions or to provide ideas for future webinars, please contact one of the members of the WREN Operating Agent team:

- Karin Sinclair karin.sinclair@nrel.gov
- Andrea Copping andrea.copping@pnnl.gov
- Jocelyn Brown-Saracino jocelyn.brown-saracino@ee.doe.gov

Notice: The IEA Wind agreement, also known as the Implementing Agreement for Co-operation in the Research, Development, and Deployment of Wind Energy Systems, functions within a framework created by the International Energy Agency (IEA). Views, findings and publications of IEA Wind do not necessarily represent the views or policies of the IEA Secretariat or of all its individual member countries.

