U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

International Data Sharing: Annex IV

April 3, 2012

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MHK ENVIRONMENTAL WEBINAR SERIES

Development of Webinar Series:

- Subgroup of the Federal Renewable Ocean Energy Working Group

    NOAA, BOEM, DOE, EPA

- Pacific Northwest National Laboratory—Provides technical assistance and houses webinars within the environmental database, *Tethys*

Series Goals:

1. To identify gaps and priority areas for future research efforts.

2. To communicate ongoing studies and results.
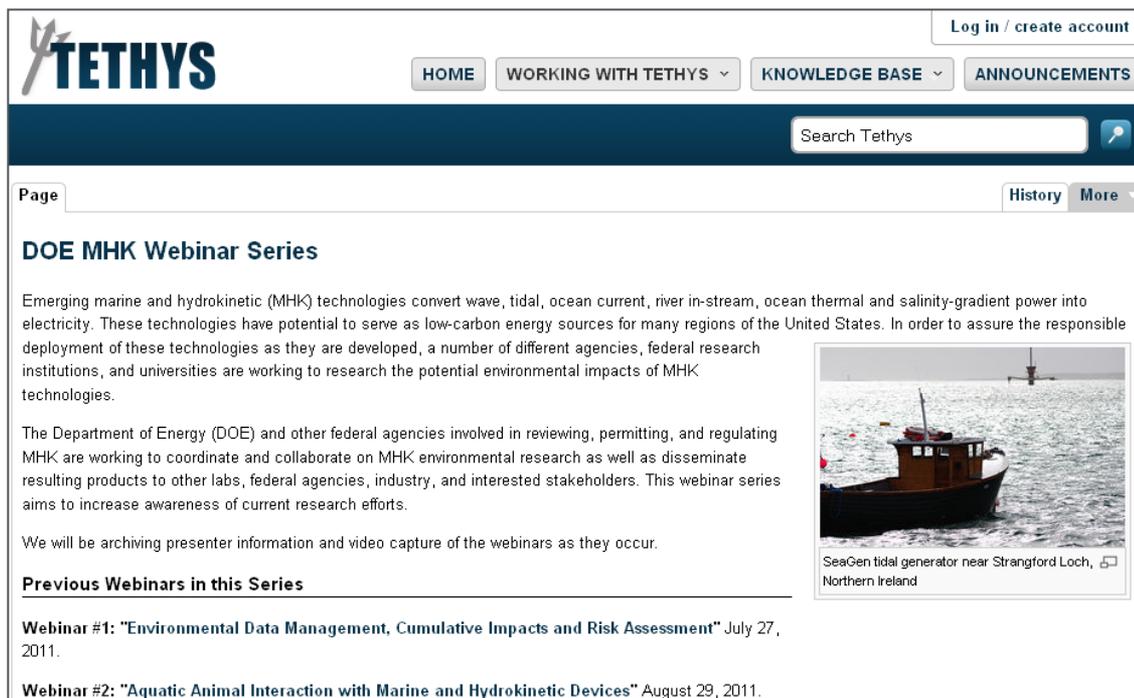
3. To help inform siting and permitting efforts.

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Previous webinars:

1. Data Management, Risk Assessment, and Cumulative Effects Analysis (July 27th)

2. Aquatic Animals and Device Interactions (August 29th)

3. Monitoring Technologies and Strategies (September 14th)

4. Potential Acoustic Impacts (December 14th)

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DOE MHK Webinar Series

Emerging marine and hydrokinetic (MHK) technologies convert wave, tidal, ocean current, river in-stream, ocean thermal and salinity-gradient power into electricity. These technologies have potential to serve as low-carbon energy sources for many regions of the United States. In order to assure the responsible deployment of these technologies as they are developed, a number of different agencies, federal research institutions, and universities are working to research the potential environmental impacts of MHK technologies.

The Department of Energy (DOE) and other federal agencies involved in reviewing, permitting, and regulating MHK are working to coordinate and collaborate on MHK environmental research as well as disseminate resulting products to other labs, federal agencies, industry, and interested stakeholders. This webinar series aims to increase awareness of current research efforts.

We will be archiving presenter information and video capture of the webinars as they occur.

SeaGen tidal generator near Strangford Loch, Northern Ireland

Previous Webinars in this Series

Webinar #1: "Environmental Data Management, Cumulative Impacts and Risk Assessment" July 27, 2011.

Webinar #2: "Aquatic Animal Interaction with Marine and Hydrokinetic Devices" August 29, 2011.

Webinars can be accessed at:
http://mhk.pnnl.gov/wiki/index.php/DOE_MHK_Webinar_Series

April 3, 12-2pm EDT Annex IV:

- **Introduction of OES-IA and the Annex IV Project**
  (John Huckerby, Chair of the OES-IA Executive Committee)

- **Implementation of the Annex IV Project**
  (Hoyt Battey, US Department of Energy, Wind and Water Power Program)

- **Exploring the Annex IV Database**
  (Andrea Copping, Pacific Northwest National Laboratory)

- **A Regulatory Perspective on the Annex IV Database**
  (Stephen Bowler and Andrew Bernick, US Federal Energy Regulatory Commission)

DISCUSSION PERIOD—HOW TO ASK A QUESTION

- **10-30 minute presentations, 5-10 minute Q&A following each presentation**
- **Please submit questions using the question chat feature. We will NOT be using the virtual hand raise function.**
- **Staff will compile questions and pose to presenters at appropriate Q&A periods.**