



ozean der zukunft

DIE KIELER MEERESWISSENSCHAFTEN

maritimes cluster  
norddeutschland

## 17. Kieler Marktplatz | Kiel Marketplace Environmental Aspects of Offshore Wind Energy

Wednesday, 5<sup>th</sup> July 2017, 3.30 p.m. - 8 p.m.

Wissenschaftszentrum Kiel GmbH, Fraunhoferstraße 13, 24118 Kiel, Germany

Offshore wind power provides a valuable source of renewable energy that can help reduce carbon emissions, reduce air pollution, create jobs and local business opportunities. Technological advances are allowing higher capacity turbines to be installed also in deeper water, but there is still a lot that is unknown about the effects on the environment (e.g. biological effects, mitigation, environmental impact assessments). Data collection and modeling aims to answer questions for the consenting process and allow regulators to make decisions based on the best available information and achieve an equilibrium between climate change targets and environmental legislation.

### Program

#### 3.50 p.m. | Welcome

Dr. Wiebke Müller-Lupp, Coordinator  
Knowledge Exchange „Future Ocean“

Dr. Nancy Smith, Coordinator

Internationalization „Future Ocean“

Moderated by: Dr. Sonia Endres, GEOMAR

#### 4.00 p.m. | Environmental Impacts and Responsibilities - How to foster cohabitation between Offshore Wind Farms and the Marine Environment

Dr. Eva Philipp, Environmental Strategy for Onshore and Offshore Wind, Vattenfall

#### 4.20 p.m. | Whales' PAL: innovative acoustic device to reduce anthropogenic impact

Prof. Boris Culik, <sup>F3</sup>: Forschen.Fakten.Fantasie

#### 4.40 p.m. | Embedded offshore power supply high-voltage cables in soils at costal, near and offshore conditions

Katrin Sembdner M.Sc.,

Christian-Albrechts-Universität zu Kiel

#### 5.00 p.m. | Offshore Windfarms - licensing procedure and environmental aspects

Janine Sängler-Graef, Bundesamt für Seeschifffahrt und Hydrographie, Hamburg

#### 5.20 p.m. | Networking break

#### 5.40 p.m. | Temperatures and thermal properties of marine sediments - in-situ testing and modeling

Dr. Regina Usbeck, Fielax mbH, Bremen

#### 6.00 p.m. | The German Programm on Underwater Munitions: An introduction with regard to national offshore projects

Claus Böttcher, Ministerium für Energiewende, Landwirtschaft, Umwelt und ländliche Räume des Landes Schleswig-Holstein

#### 6.20 p.m. | Financing of an offshore windfarm - risk management

Dr. Jörg Böttcher, HSH Nordbank AG, Kiel

#### 6.40 p.m. | Snacks n chat

### Contact:

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Please register online by 30<sup>th</sup> June 2017: [www.futureocean.org/17KM](http://www.futureocean.org/17KM)



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