



Det Norske
Videnskaps-Akademi
The Norwegian Academy
of Science and Letters

Adapting to a changing ocean

Gamle Festsal, Domus Academica, Karl Johans gate 47, Oslo.

Tuesday October 22, 2019

17:00 – 20:30

The Academy's committee on climate, environment and resources invites to a meeting on the ocean and its role in the Earth's ecosystem in accordance with the following High Commission meeting on the oceans 23 - 24 October.

The Norwegian Academy of Science and Letters wants to contribute to the international high-level panel on ocean economy, led by Erna Solberg, and the meeting organized by the panel 23-24 October 2019 in Oslo, where Professor Jane Lubchenco will take part.

The meeting will be on how to adapt to a changing ocean, with an emphasis on the economy of the oceans put into a larger earth system perspective. The meeting will describe:

- How marine physics, dynamics, environmental conditions and biology is influenced by the atmosphere, the water cycle, the global biogeochemical cycles of nutrients and other trace species, the cryosphere, the land surface and the land ecosystems.
- How in other dimensions, the ocean economy is linked to international political frameworks to safeguard the earth system.
- The economic and social dimensions of the totality of the earth system services.

Program

17:00	Openings Nils Chr. Stenseth , Chair of the Academy's committee on Climate, Environment and Recourses
17:15	Vidar Helgesen , Special Envoy to the High-level Panel on Building a Sustainable Ocean Economy
17:30	A New Narrative for the Ocean Jane Lubchenco , Co-Chair of the Expert Group of the high level panel
18:00	The Coupling Ocean-Atmosphere Kai Håkon Christensen , The Norwegian Meteorological Institute
18:30	Sustainable use of the coastal zones in an earth system perspective Geir Huse , Institute of Marine Research
19:00	Species on the move in a warming ocean Malin L. Pinsky , Rutgers University
19:30	Panel discussion Speakers, Peter M. Haugan , Kirsten Grorud-Colvert Vidar Helgesen
20:00	End