

## Innovating solutions to accelerate sustainable use of oceans and minimize effects from global change

### Belmont Forum awards funding for ocean sustainability research

The Belmont Forum funds projects in a Collaborative Research Action (CRA) on Ocean Sustainability, within the framework of the **UN Sustainable Development Goal (SDG) no. 14** (Conserve and sustainably use the oceans, seas and marine resources for sustainable development). Because the challenge is complex, there is a need for integrated, transdisciplinary and cross-sectoral approaches, bringing together natural and social sciences as well as policymakers, resource managers, industries, citizens and other societal partners.

Following an international call, funding organizations from 16 countries have agreed to award 13 international consortia of researchers and stakeholders a total of **14 250 000 € plus in-kind contributions** over 4 years. The projects will use transdisciplinary processes to bring together stakeholders and researchers from across the globe to innovate solutions to accelerate sustainable use of oceans and minimize the effects from global change.

**CRA Ocean Sustainability** – a Belmont Forum, Future Earth and JPI Oceans co-branded Collaborative Research Action on Transdisciplinary Research for Ocean Sustainability

<http://www.belmontforum.org/cras/#oceans2018>

#### Awarded projects:

Short Name	Title	Consortium Lead
Salt-Mine	Beyond freshwater generation: Mineral extraction from seawater desalination brine and seawater greenhouse farming	Kuria Ndungu, Norway
ARMSRestore	ARMS to reefs: A new tool to restore coral reef biodiversity, fisheries yields, and human health in Madagascar	Aaron Hartmann, USA
MARISCO	Marine Research and Innovation for a Sustainable management of Coasts and Oceans	Helmut Hillebrand, Germany
OCEANS PACT	OCEAN Sustainability Pathways for Achieving Conflict Transformation	Michael Gilek, Sweden
COAST	Coastal Ocean Sustainability in Changing Climate	Sergey Gulev, Russia
OA-ME	Evaluation, Mitigation and Adaptation of Impacts of Ocean Acidification to Marine Ecosystems	Hajime Kayanne, Japan
MULTI-FRAME	Assessment Framework for successful development of viable ocean multi-use systems	Susanne Altwater, Germany
ShipTRASE	Global shipping: Linking policy and economics to biogeochemical cycling and air-sea interaction	Anna Rutgersson, Sweden
OceanFrontCHANGE	Managing Ocean Front Ecosystems for Climate Change	Lee Hannah, USA
PolyCone	Integrated and sustainable regulation of cones in Eastern Polynesia	Tamatoa Bambridge, France
COAST Card	Coastal Ocean Assessment for Sustainability and Transformation	William Dennison, USA
NO CRISES	Negotiating Ocean Conflicts among Rivals for Sustainable and Equitable Solutions	Ingrid van Putten, Australia
EXEBUS	Ecological and Economic impacts of the intensification of extreme events in the Benguela Upwelling System	Albertus Smit, South Africa

## Participating organizations:

Country	Funding organization, website
Australia	Oceans and Atmosphere, CSIRO <a href="https://www.csiro.au/en/Research/OandA">https://www.csiro.au/en/Research/OandA</a>
Brazil	São Paulo Research Foundation, FAPESP <a href="http://www.fapesp.br">www.fapesp.br</a>
France	National Research Agency, ANR <a href="http://www.agence-nationale-recherche.fr/RF">http://www.agence-nationale-recherche.fr/RF</a>
Germany	Federal Ministry of Education and Research, BMBF <a href="https://www.bmbf.de/en/index.html">https://www.bmbf.de/en/index.html</a>
Iceland	Icelandic Centre for Research, RANNIS <a href="https://en.rannis.is/funding/research">https://en.rannis.is/funding/research</a>
India	Ministry of Earth Sciences, MoES <a href="http://www.moes.gov.in/">http://www.moes.gov.in/</a>
Japan	Japan Science and Technology Agency, JST <a href="https://www.jst.go.jp/inter/english/index.html">https://www.jst.go.jp/inter/english/index.html</a>
Norway	Research Council of Norway <a href="http://www.forskningsradet.no">http://www.forskningsradet.no</a>
Philippines	Department of Science and Technology, DOST-PCIEERD <a href="http://pcieerd.dost.gov.ph/">http://pcieerd.dost.gov.ph/</a>
Russia	Russian Foundation for Basic Research, RFBR <a href="http://www.rfbr.ru/rffi/eng/">http://www.rfbr.ru/rffi/eng/</a>
Saudi Arabia	King Abdullah University of Science and Technology, KAUST <a href="https://www.kaust.edu.sa/en">https://www.kaust.edu.sa/en</a>
South Africa	National Research Foundation, NRF <a href="http://www.nrf.ac.za/">http://www.nrf.ac.za/</a>
Sweden	Swedish Research Council for Env, Agric Sci & Spatial Planning, FORMAS <a href="http://www.formas.se/en/">http://www.formas.se/en/</a>
Sweden/for East African countries	Swedish International Development Cooperation Agency, SIDA <a href="http://www.sida.se">www.sida.se</a>
USA/international	Bureau of Ocean Energy Management, BOEM <a href="https://www.boem.gov/">https://www.boem.gov/</a>
USA	National Science Foundation, NSF <a href="https://www.nsf.gov/">https://www.nsf.gov/</a>

## Partners:

Future Earth, <http://futureearth.org>

JPI Oceans, <http://www.jpi-oceans.eu>