





Proposals for Special Reports in the Sixth Assessment Cycle

IPCC governments and observer organisations made seven proposals for ocean and/or cryosphere-related Special Reports at the start of the Sixth Assessment Cycle

- Impact of Climate Change on the Cryosphere (China)
- Climate Change and Ocean (China)
- Ocean and Climate Change (Monaco)
- Antarctic/Southern Ocean Region (South Africa)
- Oceans and Climate Change: Special Report on the Evidences, Impacts and Adaptation to the Climate Change of the Oceans (Spain)
- Global and Regional Consequences of Changes to the Frozen World (USA)
- Sea Level Rise and Glacial Melting (CAN Int)



Proposals for Special Reports in the Sixth Assessment Cycle by IPCC Governments and observer organisations

In April 2016 the IPCC Panel decided that during the IPCC Sixth Assessment Cycle an ocean and cryosphere-related Special Report is to be developed:

IPCC Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC)



SROCC joins:

The two other Special Reports on Global Warming of 1.5°C (SR15) and on Climate Change and Land (SRCCL)

and

The Intergovernmental Science Policy Platform on Biodiversity and Ecosystem Services (IPBES) Global Assessment Report on Biodiversity and Ecosystem Services



Report Structure

Chapter 1: Framing and Context of the Report

Chapter 2: High Mountain Areas

Chapter 3: Polar Regions

Chapter 4: Sea level rise and implications for low lying islands, coasts and communities

Chapter 5: Changing ocean, marine ecosystems, and dependent communities

Chapter 6: Extremes, abrupt changes and managing risks

+ **Integrative cross-chapter box:** Low-lying islands and coasts



Structure of the Summary for Policymakers

A. Observed Changes and Impacts

- Physical Changes
- Impacts on Ecosystems
- Impacts on People and Ecosystem Services

B. Projected Changes and Risks

- Physical Changes
- Risks for Ecosystems
- Risks for People and Ecosystem Services

C. Implementing Responses to Ocean and Cryosphere Change

- Challenges
- Strengthening Response Options
- Enabling Conditions

The world's ocean and cryosphere have been 'taking the heat' from climate change for decades.

Consequences for nature and humanity are sweeping and severe.