

GCCA+ @COP25

**Adaptation and mitigation strategies
in changing oceans**

7 December 2019

EU Pavillon

IFEMA, Madrid, Spain

www.gcca.eu

#gccaplus

BUILDING CLIMATE RESILIENCE

77 | 37 LDCs
| 39 SIDS
programmes
worldwide

70+
national climate
change strategies

30+
UNFCCC related
strategies and
programmes



750 million euros
2007-2020



United Nations Climate Change
Carbon Mechanisms

30+
awareness campaigns
in over 50 countries

IPPC Special Report on the Ocean and the Cryosphere in a Changing Climate (SCROCCC) released in September 2019



- **Global ocean has warmed unabated since 1970 and has taken up more than 90% of the excess heat in the climate system (high confidence).** Since 1993, the rate of ocean warming has more than doubled (likely).
- **Marine heatwaves have very likely doubled in frequency since 1982 and are increasing in intensity (very high confidence).**
- **The ocean has undergone increasing surface acidification (virtually certain).**
- **A loss of oxygen** has occurred from the surface to 1000 m (medium confidence).
- **Global mean sea level (GMSL) is rising**, with acceleration in recent decades due to increasing rates of ice loss from the Greenland and Antarctic ice sheets (very high confidence), as well as continued glacier mass loss and ocean thermal expansion.
- **Increases in tropical cyclone winds and rainfall, and increases in extreme waves, combined with relative sea level rise, exacerbate extreme sea level events and coastal hazards (high confidence)**

UNFCCC COP25 = BLUE COP



“ In our vision, there cannot be an effective response to climate change without a global response to ocean issues. ”

Carolina Schmidt, Cop25 president

Minister of Environment of Chile

“Ocean and climate are two sides of the same coin: if we want to protect the climate, we must protect the ocean, and vice-versa”

Rémi Parmentier,

Secretary of Because the Ocean

Leading to this GCCA+ session

Sep 2019

IPCC SCROCCC
Less productive oceans

**2007 -
2020**

02-13 Dec
UNFCCC COP25 BLUE COP
2019

**TODAY'S
EVENT**

Adaptation and
mitigation strategies
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04

- **Explore** challenges & opportunities to address the climate and ocean link
- **Discuss** the local and regional approach to solve emerging and challenging ocean adaptation issues
- **Analyse** how to integrate your experience in the 2020 NDC review for ocean-climate

03

02

01