



United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



Sustainable  
Development  
Goals

# Dialogue with Permanent Delegations to UNESCO on the future Medium-Term Strategy 2022-2029

- Pillar 3 of UNESCO's Strategic Transformation -

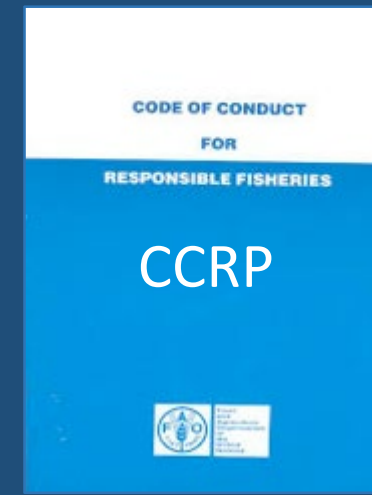
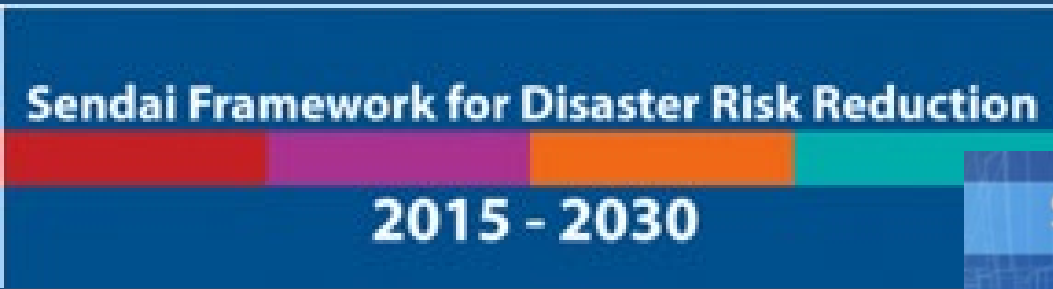
**Dr Vladimir Ryabinin**  
**IOC Executive Secretary (ADG/COI)**

*UNESCO, 19 July 2019*



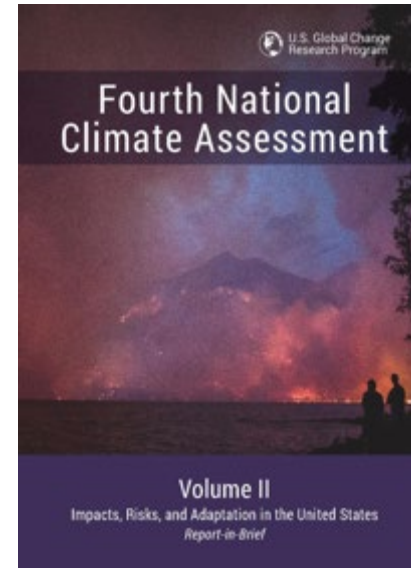
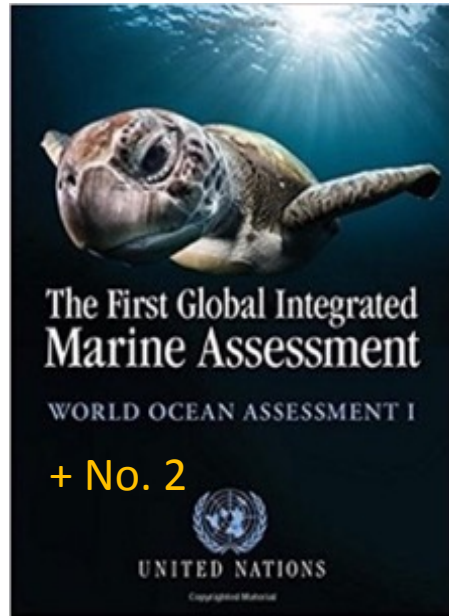
**Atlas Obscura**

# Ocean in the UN Frameworks

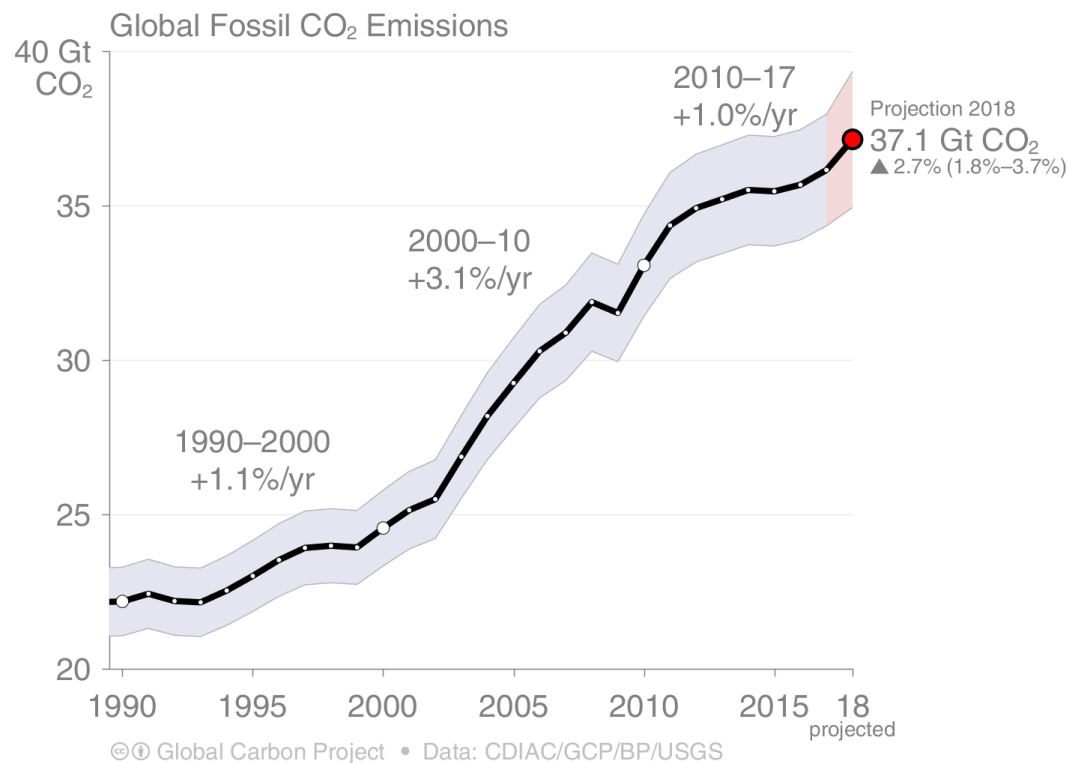




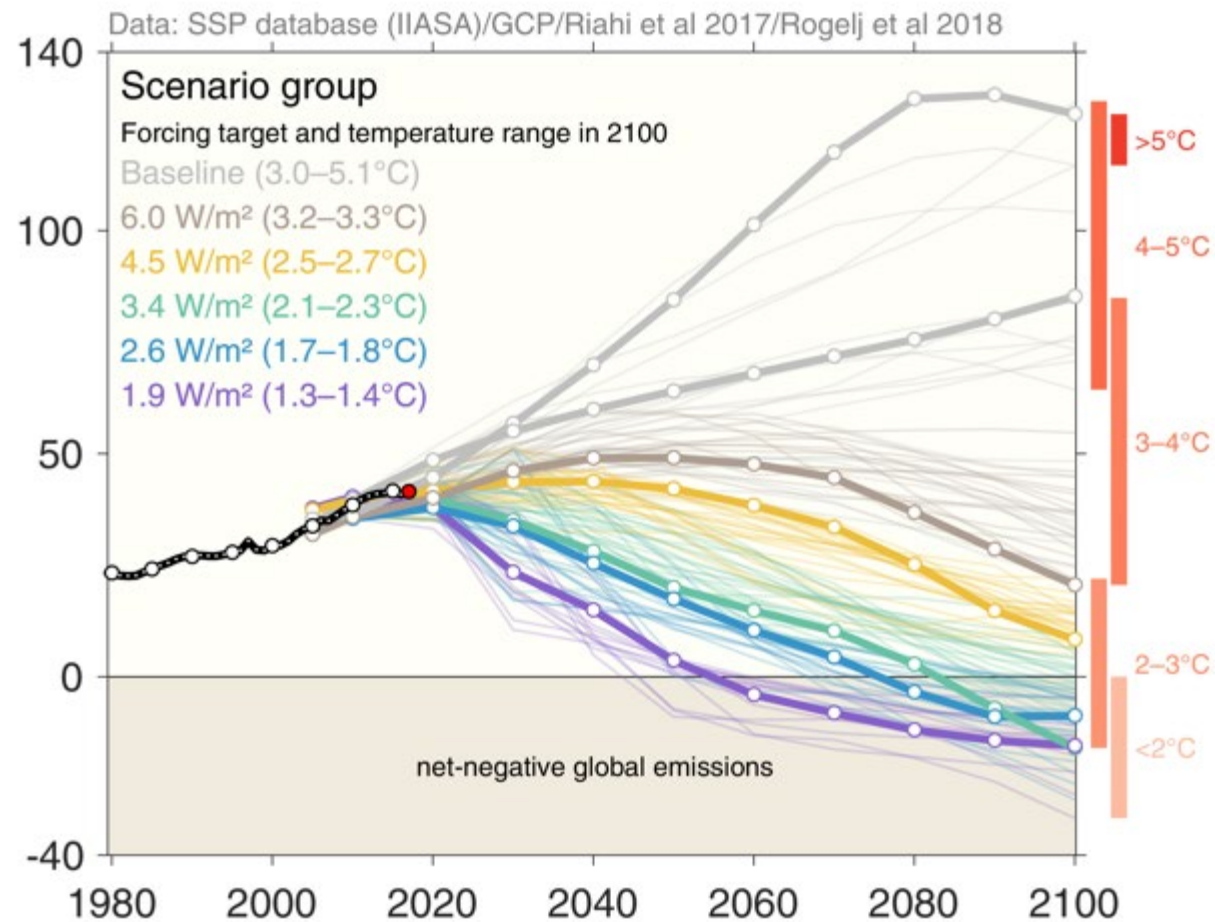
# Knowledge: Assessment Reports (existing and coming)



# CO2 Emissions and Shared Socioeconomic Pathways



Source: [CDIAC](#); [Le Quéré et al 2018](#);  
[Global Carbon Budget 2018](#)



Source: [Riahi et al. 2016](#); [Rogelj et al. 2018](#); [IIASA SSP Database](#); [IAMC](#);  
[Global Carbon Budget 2018](#)



# SDG 14 – 10 targets

**2020 !**

**TARGET**  **14-1**



**REDUCE MARINE POLLUTION**

**TARGET**  **14-2**



**PROTECT AND RESTORE ECOSYSTEMS**


**TARGET**  **14-3**



**REDUCE OCEAN ACIDIFICATION**

**2020 !**

**TARGET** **14-4**



**SUSTAINABLE FISHING**

**2020 !**

**TARGET** **14-5**



**CONSERVE COASTAL AND MARINE AREAS**

**2020 !**

**TARGET** **14-6**



**END SUBSIDIES CONTRIBUTING TO OVERFISHING**

**TARGET** **14-7**



**INCREASE THE ECONOMIC BENEFITS FROM SUSTAINABLE USE OF MARINE RESOURCES**

**TARGET**  **14-A**



**INCREASE SCIENTIFIC KNOWLEDGE, RESEARCH AND TECHNOLOGY FOR OCEAN HEALTH**

**TARGET** **14-B**



**SUPPORT SMALL SCALE FISHERS**

**TARGET** **14-C**



**IMPLEMENT AND ENFORCE INTERNATIONAL SEA LAW**

14.1	UNEP supported by IOC-UNESCO	Tier III	2025
14.2	UNEP supported by IOC-UNESCO	Tier III	2020
14.3	IOC-UNESCO	Tier II	-
14.4	FAO	Tier I	2020
14.5	UNEP-WCMC supported by IUCN	Tier I	2020
14.6	FAO	Tier II	2020
14.7	FAO supported by UNEP-WCMC	Tier III	2030
14.A	IOC-UNESCO	Tier II	-
14.B	FAO	Tier II	-
14.C	DOALOS	Tier III	-

Annex 1 to Resolution XXX-3

Rectangular Snip

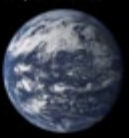
**DRAFT IOC MEDIUM-TERM STRATEGY  
2022–2029**

One Planet, One Ocean



# IOC VISION

- A Safe Ocean
- A Sustainable and Productive Ocean
- A Transparent and Accessible Ocean
- A Clean Ocean
- A Healthy and Resilient Ocean
- A Predicted Ocean



# IOC MTS High-Level Objectives (draft)

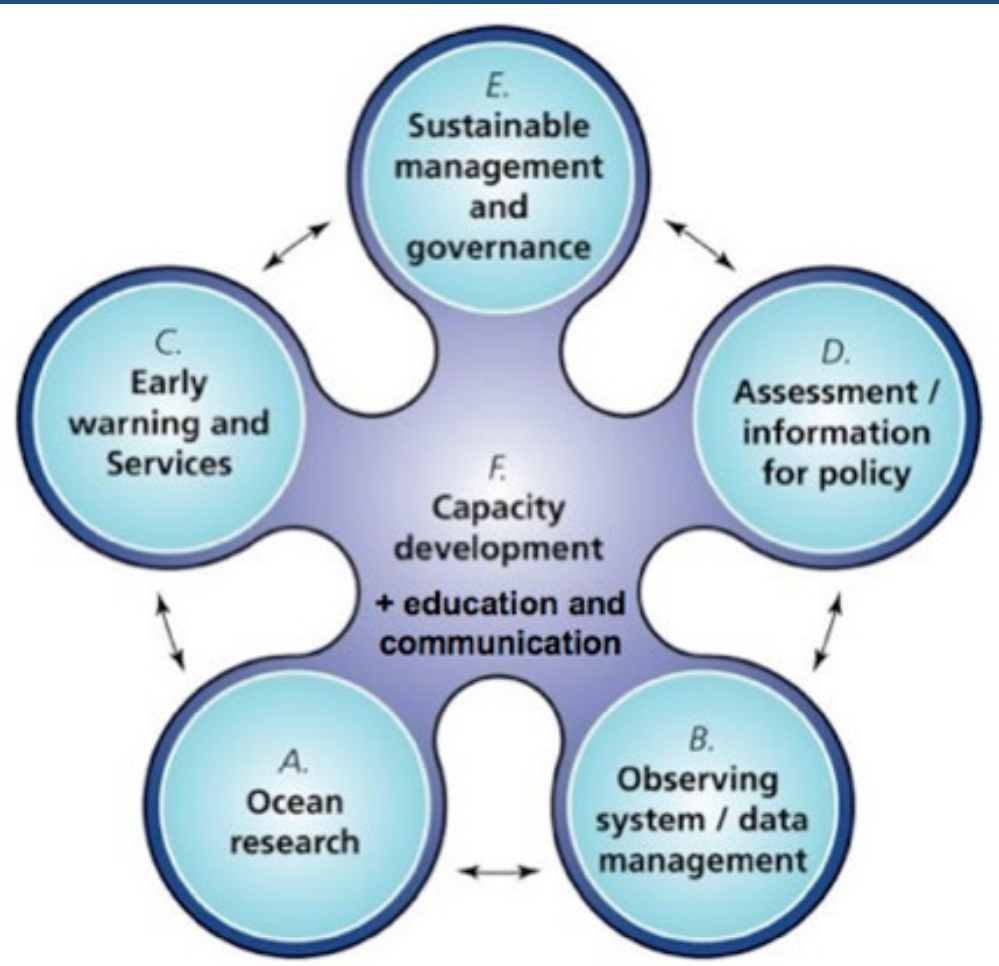
- **Healthy ocean ecosystems and sustained ecosystem services**
- **Effective early warning systems and preparedness for tsunamis and other ocean-related hazards**
- **Increased resilience and adaptation to climate change and variability**
- **Scientifically-founded services for the development of the sustainable ocean economy**
- **Enhanced knowledge of emerging ocean science issues**

**Priorities: Africa, Gender Equality  
Island Developing States**

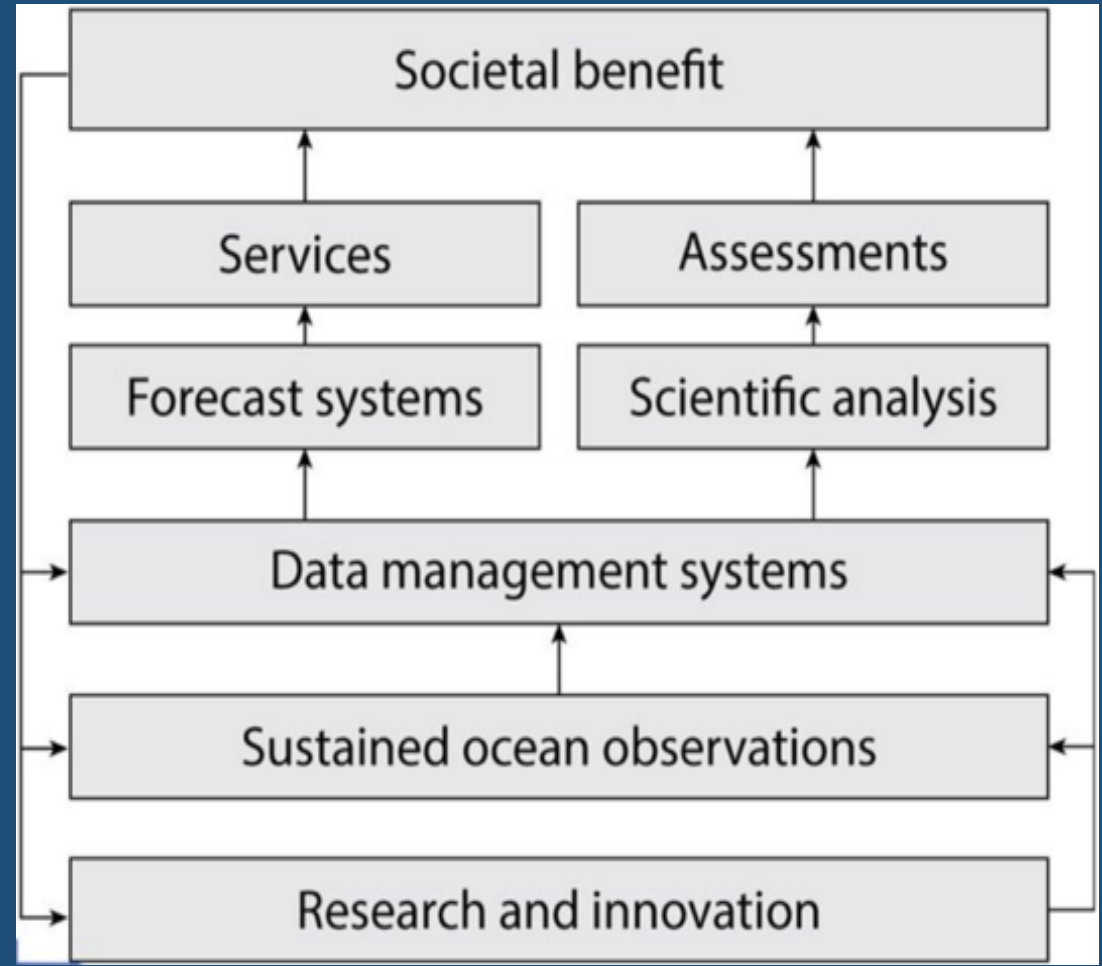




# IOC Functions



# Value Chain of Oceanography







# Existing, Developing, Emerging, and Potential Future Components of IOC Work

Regular  
Mandate

Decade

Legal Instrument on protection  
of life in Ocean (BBNJ)

Climate change



Process

Secretariat -> Officers -> IOC-30 -> IOC EC-52 -> IOC-31 -> UNESCO GC-41