Ocean Innovation and Partnership

#OceanOptimism

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UNSDSN, FutureEarth, WCRP, GOOS
WORLD POPULATION 1750-2050 (in Billions)

Source: World Bank, Development Education Program
Development needs to respect planetary boundaries

What is the safe and just operating space for humanity?
Scientific underpinning

Targets are agreed to by the nations.

How to measure progress against targets?

The need to derive indicators building on a smart index framework, based on reliable open access authoritative ocean information. Better observations, understanding, projection and assessment.
Innovation, Integration and Collaboration in Ocean Observing
Space Observations
In Situ Ocean Observing
Innovation in Monitoring
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Innovation, Global Learning and Problem Solving
From Ocean Discovery to Sustainable Development
Increased need for ocean information to meet a growing range of societal needs can only be fully realized if all elements of the value chain are resourced adequately.
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**Societal Benefit**

- Assessing / Informing
- Governing / Acting

**Scientific Discovery**

- Predicting / Modeling
- Understanding / Processing
- Observing / Mapping
An Ocean of Opportunity

Observing / Mapping

Understanding / Processing

Assessing / Informing

Predicting / Modeling

Governing / Acting

Policy

Science

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