

National Taiwan Ocean University, Keelung, Taiwan, 15-19 October 2018

# Oceanic biodiversity under climate change: shifts in natural and human systems

# **Objectives**

- Evaluate the responses to and impacts of climate variability and change on marine top predator species and their food chains, and dependent socio-economic and management systems over short to longer time scales.
- 2 Identify risk assessment and evaluation tools that incorporate climate variability in order to improve sustainable resource management.
- 3 Develop and evaluate adaptation and mitigation strategies at the single species, multi-species and ecosystem scales that address the cumulative nature of pressures placed on top predators and the ecosystems that support them.

#### **Scientific Committee**

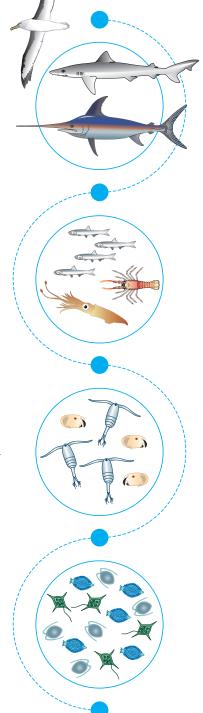
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## **Themes**

- Global and regional trophic pathways and connectivity – trophic responses to variability and change in the marine environment.
- 2 Integrated modelling of systems based on shared socio-economic scenario pathways projection and exploration of future patterns in marine ecosystems.
- 3 Adaptive approaches to biodiversity and resource management strategies for incorporating climate variability and long-term change.
- 4 Responses of top predator life history dynamics to natural and anthropogenic drivers of variability and change.
- 5 Implications of variability in and change to the spatial dynamics of top predators for food security, species conservation and ecosystem functioning.
- 6 Management strategies for whole of systems moving from biophysical systems to biophysical-socioeconomic systems what are the key needs for guiding decision making into the future?



## **Important dates**

Early bird registration and abstracts open: January 2018

Deadline for abstracts: **30 June 2018**Acceptance of abstracts: **31 July 2018** 

Early bird registration closes: 30 June 2018

Registration closes: September 2018

http://imber.info/science/regional-programmes/cliotop





