

# Coastal communities adaptation and resiliency

#### Laura Ramajo

Center of Advanced Studies in Arid Zones (CEAZA)

AR6 IPCC Lead Author Chapter 12 – Central and South America

Working Group II - Impacts, Adaptation and Vulnerability





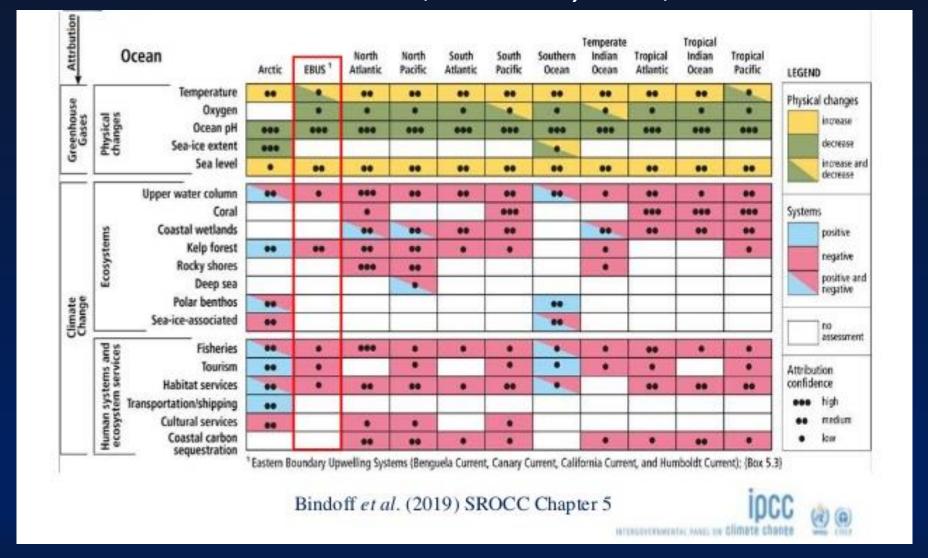
### Contributions of oceans to human society







# Climate Change is impacting physical, chemical and biological properties of oceans and coastal seas, their ecosystems, as well as







#### Adaptation to climate change is dynamic

#### Generic steps of adaptive decision making

Identify risks, objectives, options, uncertainties and criteria for evaluating options

#### Dynamic plan

Develop initial plan (combinations of options over time) plus corrective actions to be carried out based on observed situation

#### Implementation —

of initial plan and monitoring system for progressing change and success

## Monitoring and corrective action

Monitor and take corrective action upon observed situation

**SROCC** 





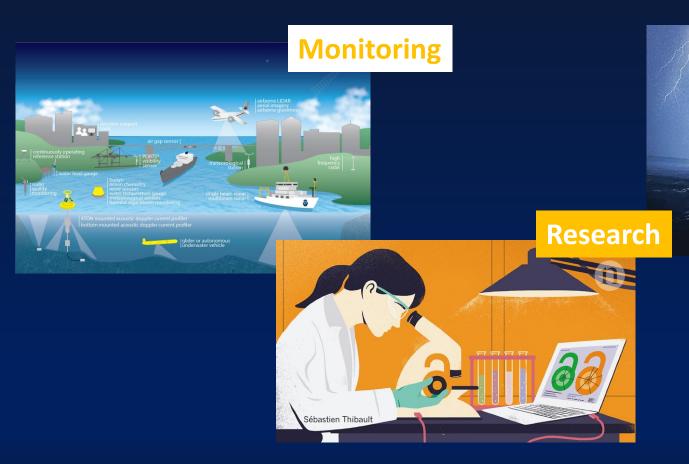








### Science has a key role on climate change adaptation and resilience



**Alert Systems** 

#### Communication







# Thanks!

