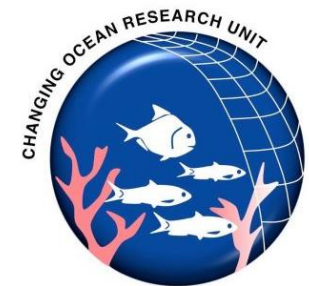


Meta-database of Marine Research in Mexico

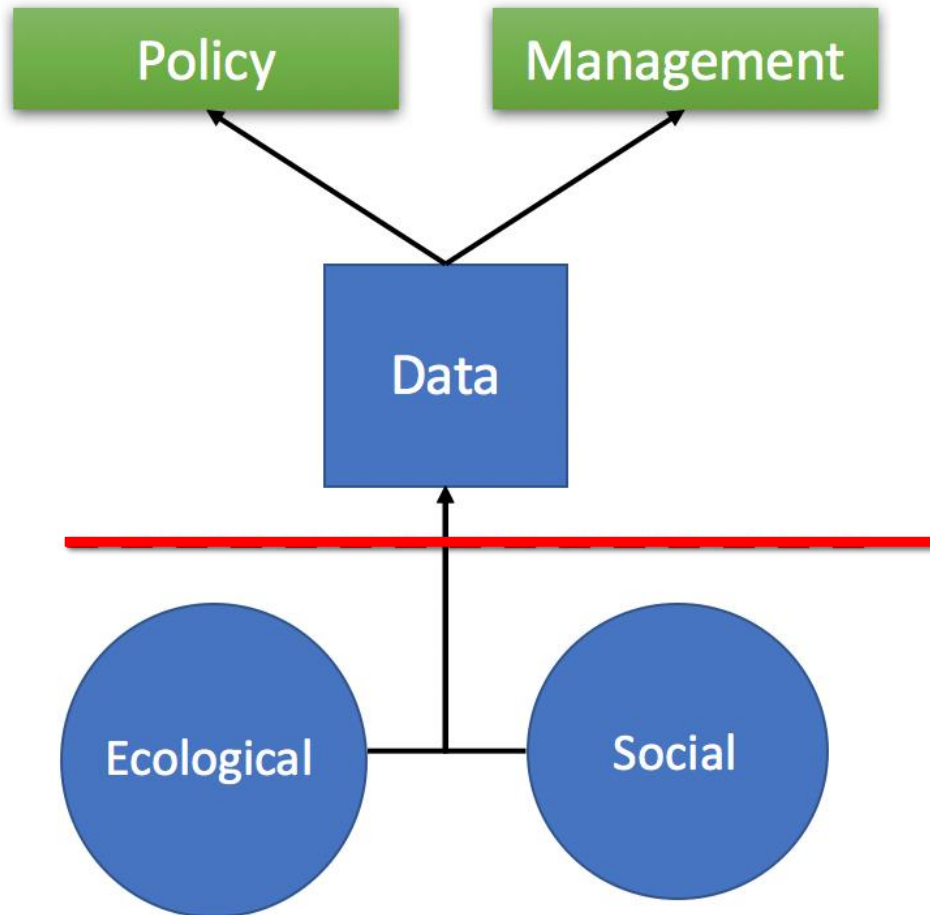
The Gulf of Mexico

Juliano Palacios Abrantes | Changing Oceans Research Unit,
University Of British Columbia

GoM Workshop on International Research



Project Background



- Increasingly depending on multidisciplinary research
- Biology, Ecology, Oceanography, Economy, etc.!
- Lack of data or lack of data availability?
- No matter which, the result can block progress

A meta-database fosters collaboration and eases the process of informing best policies relevant to any community or region

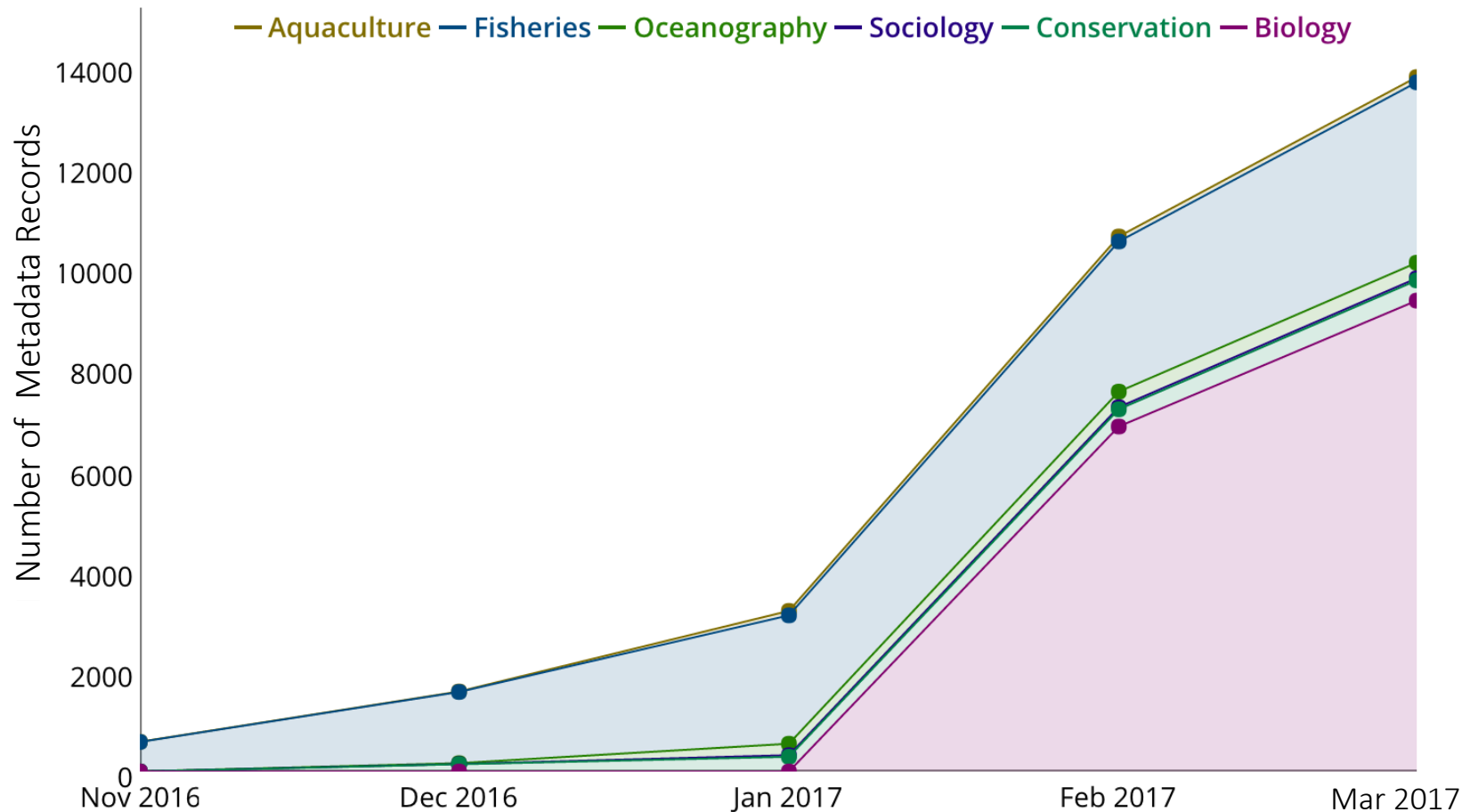
Project Objectives

- Design a framework for the meta-database of marine ecosystems and marine-related research of Mexico
- **Identify available data sources and incorporate into developed meta-database framework**
- Identify the major trends in marine data availability in Mexico
- Identify information and research gaps that should be addressed in the future
- Develop protocols for public sharing of the meta-database and inclusion of new information in the future

Metadata Base Structure

User Interface: Search	Research Questions: Analysis
Data Set Name	Social Economic Interaction
Keywords	Research Field
Subject Name	Institution Type
Author, Institution & Reference	Spatial Resolution

Current Status of the Metadata



As for March 1st

Aquaculture: 104

Fisheries: 3582

Oceanography: 308

Sociology: 42

Conservation: 402

Biology: 9,451

Total: 30,100

Current Status of The Gulf of Mexico

➤ Records: 979

➤ Repositories: 10

➤ Data Points: 16,131

11.16%
of current metadata
records



CONABIO



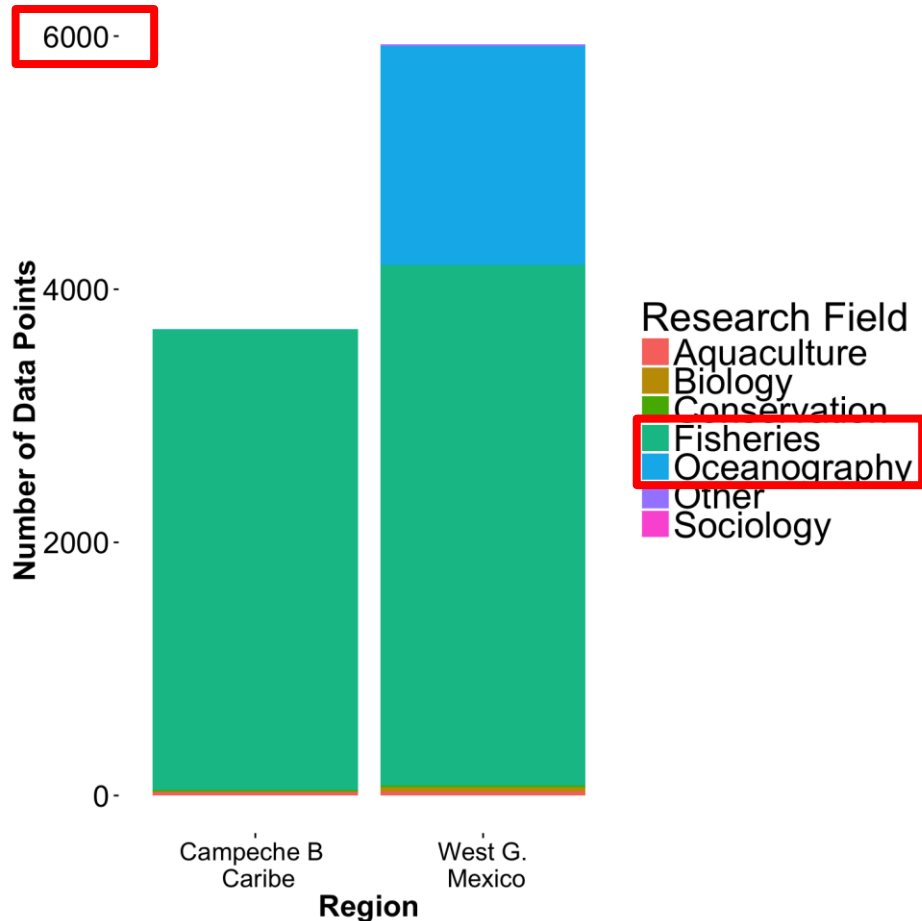
UNIAMTOS

Unidad de Informática para
las Ciencias Atmosféricas
y Ambientales



GOM-WIR INVENTORY

Current Status of The Gulf of Mexico II



Direct Collaboration



**The more people
involved, the better we
can reflect the state of
marine research in
Mexico!**

<https://www.sandler.com/blog/6-benefits-of-teamwork-in-the-workplace>

Thank You

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Project's Webpage:

<http://jepa.shinyapps.io/marmetadatamexeng/>



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