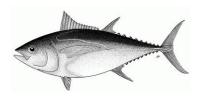
# Data-limited tuna and tuna-like fisheries: a way forward?

Nicolas L Gutierrez
Marine and Inland Fisheries Branch, FAO

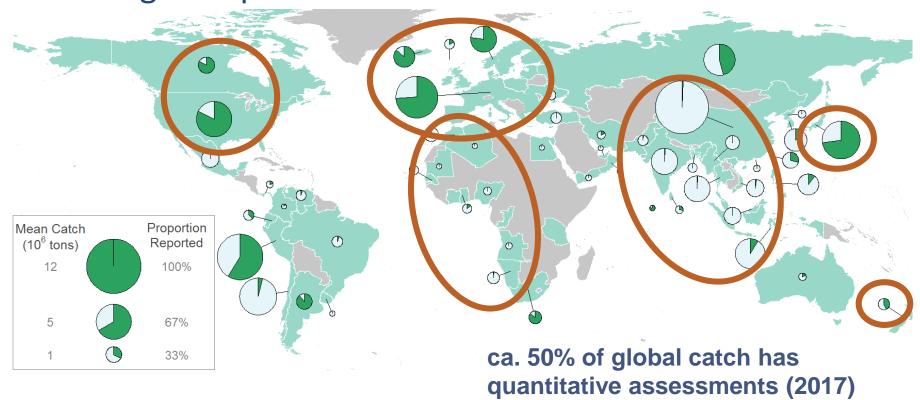


Technical Workshop on Global Harmonization of tuna fisheries statistics

19-22 March 2018 FAO HQ, Rome ITALY

# The problem

 Data-limitations to inform assessment and management are a global problem



#### Caveats:

- 1. Assessment may be available but not public (e.g. in RAM)
- 2. A fishery may lack quantitative assessment but still sustainably managed

RAM Legacy Stock Assessment database. Ricard et al. 2011 (last accessed: Nov 1st 2017)



# The problem

- Data-limitations to inform assessment and management are a global problem
- Assessed stocks are generally better managed

### Status and Solutions for the World's Unassessed Fisheries

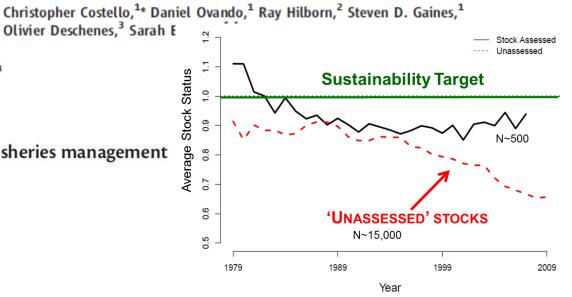
# ICES Journal of Marine Science

ICES Journal of Marine Science (2014), 71(5), 1040-1046. doi:10.1093/icesjms/fsu034

#### **Food for Thought**

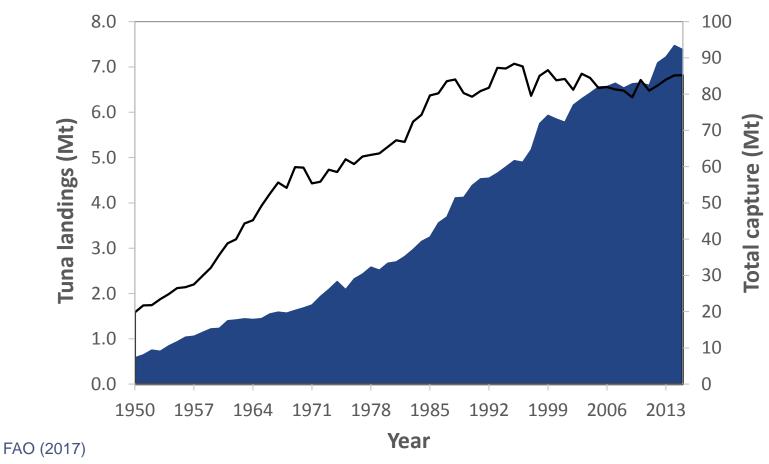
Reflections on the success of traditional fisheries management

Ray Hilborn<sup>1\*</sup> and Daniel Ovando<sup>2</sup>



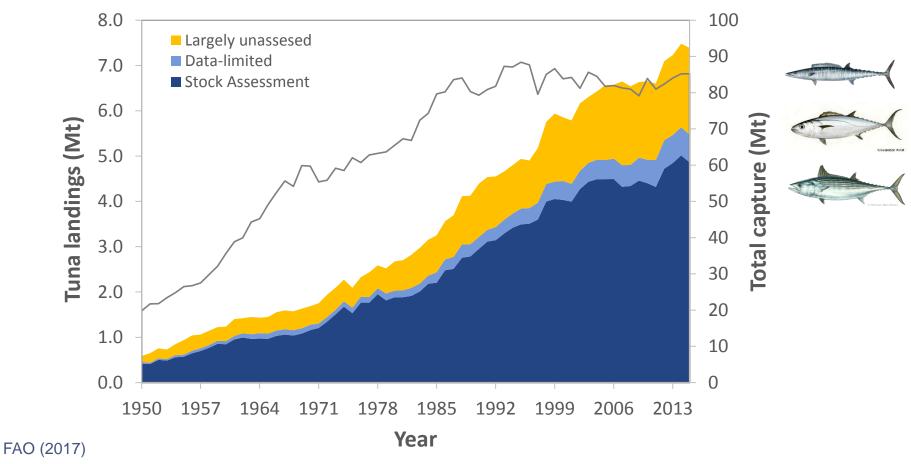
## The tuna situation

Total tuna and tuna-like capture (2015): 7.5 million tons (9%)

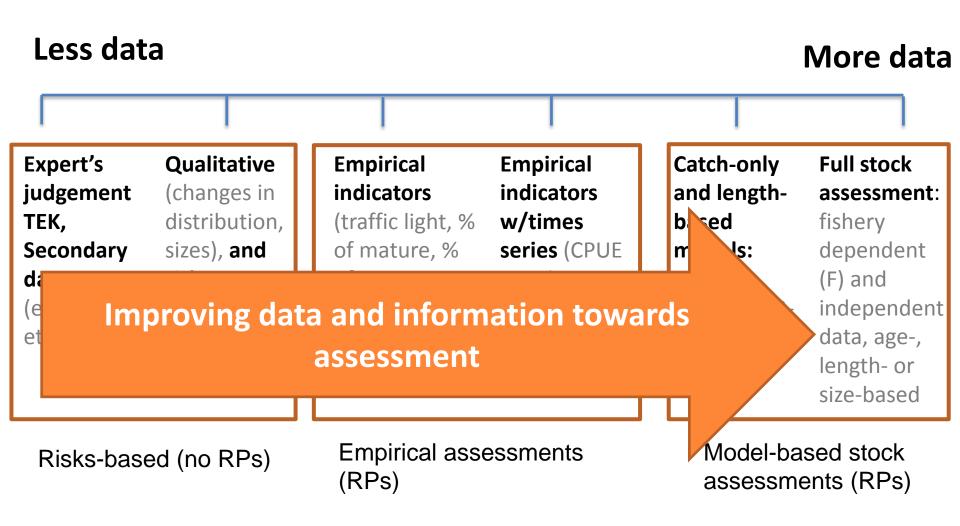


### The tuna situation

- Total tuna and tuna-like capture (2015): 7.5 million tons (9%)
- Ca. 2 mt (25%) largely unassessed (small tuna, neritics, etc.)



# 'Assessment' options



All data is (can be) used to inform management!



### FAO current work

- Develop technical guidance for data-limited harvest strategies
- Develop products and training on data collection for artisanal, small-scale fisheries
- Provide training on data-limited management strategy evaluation (use of DLMtool): e.g. IOTC; ICCAT next
- ABNJ tuna project (FAO-GEF): Second phase to have a strong focus on data-limited tuna fisheries

### To discuss

- What are tRFMOs currently doing to improve data and information for 'unassessed' stocks?
- What can be done in the near future? Barriers?
- How can FAO support data improvements at the tRFMO level?

