



Comisión Interamericana del Atún Tropical
Inter-American Tropical Tuna Commission

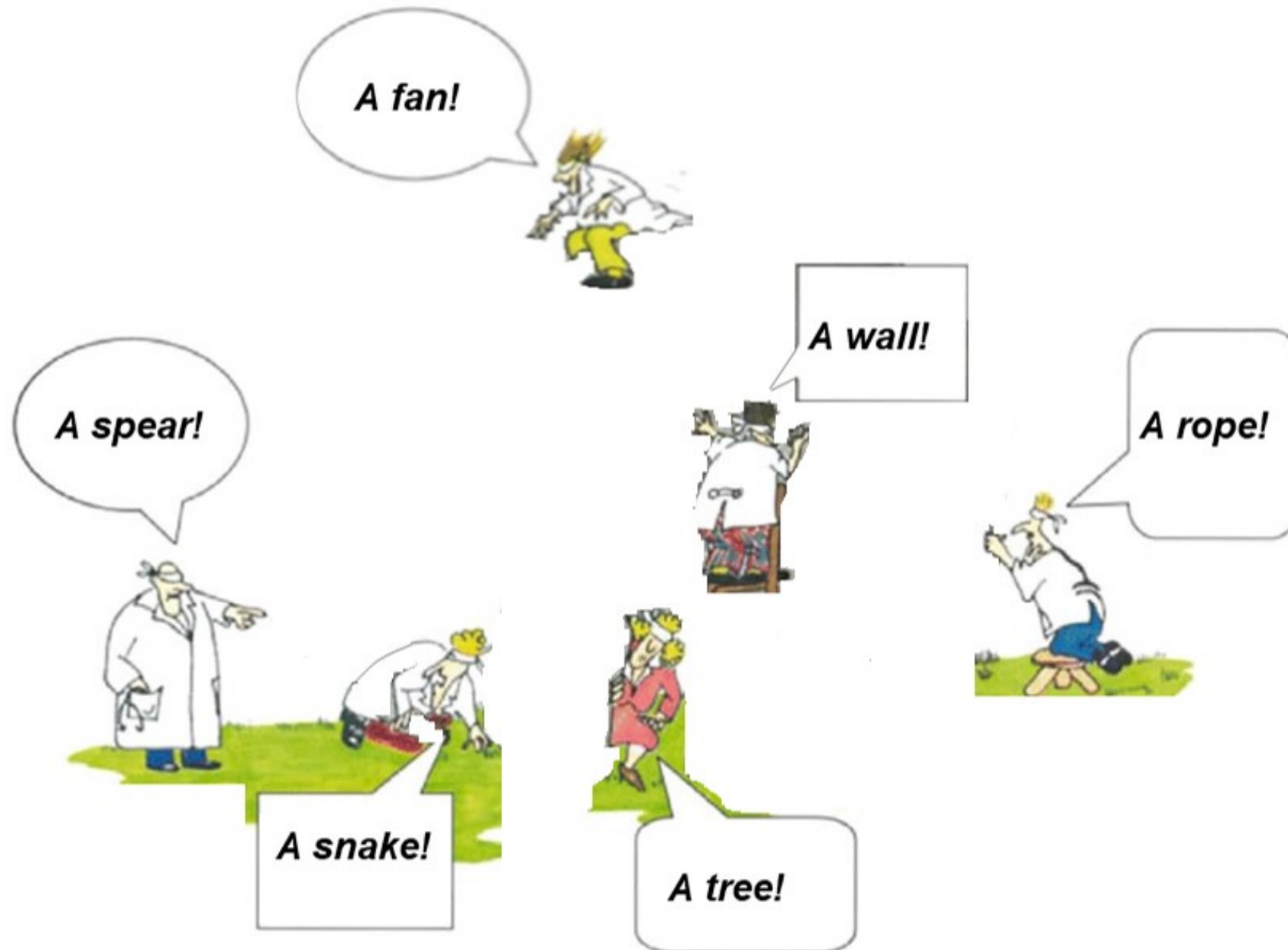


1st IATTC TROPICAL TUNA MANAGEMENT STRATEGY EVALUATION (MSE) WORKSHOP

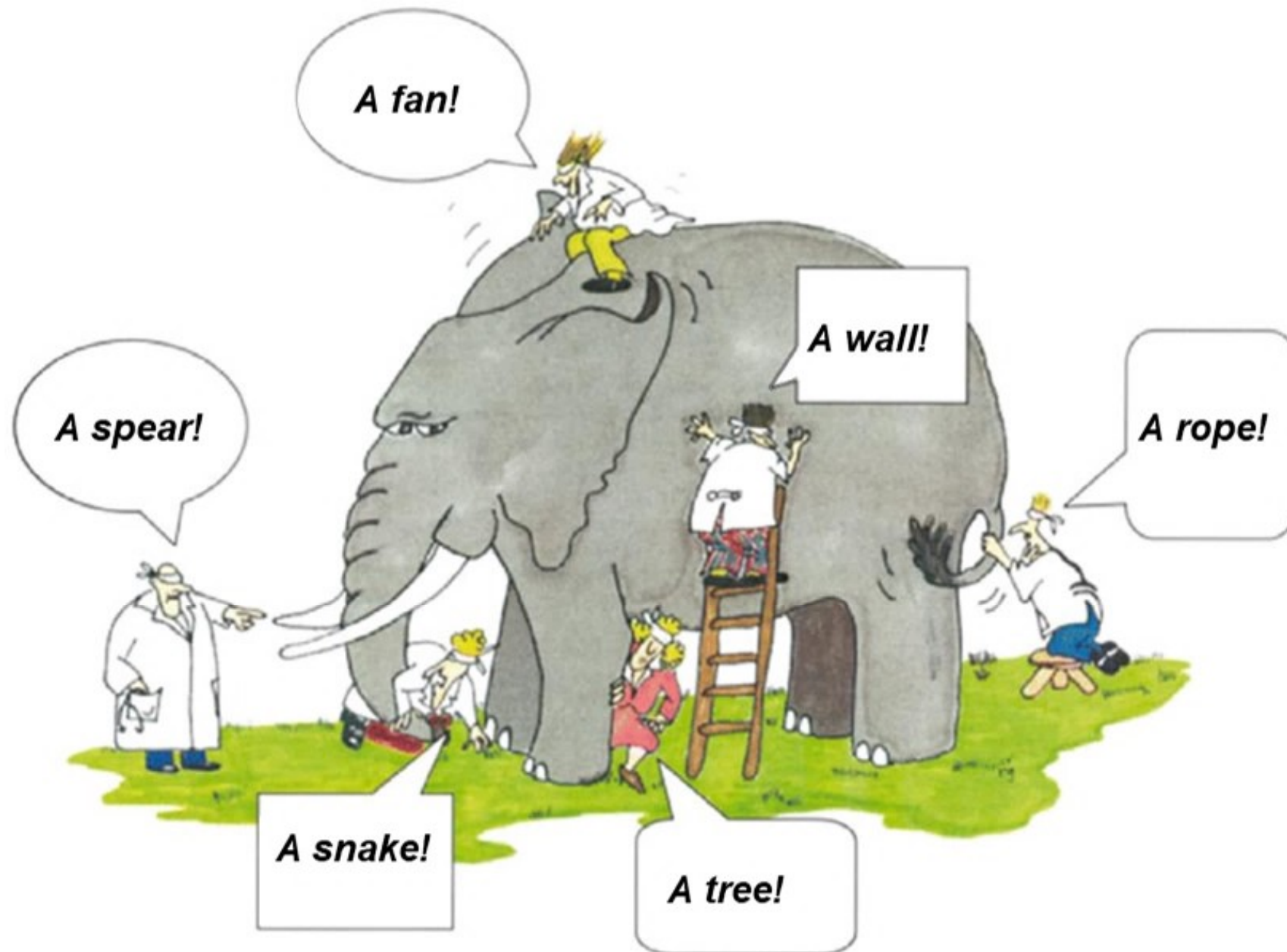
Overview, Objectives and Performance Metrics

1st IATTC Tropical Tuna MSE Workshop, San Diego, California (USA), December 9-10 2019

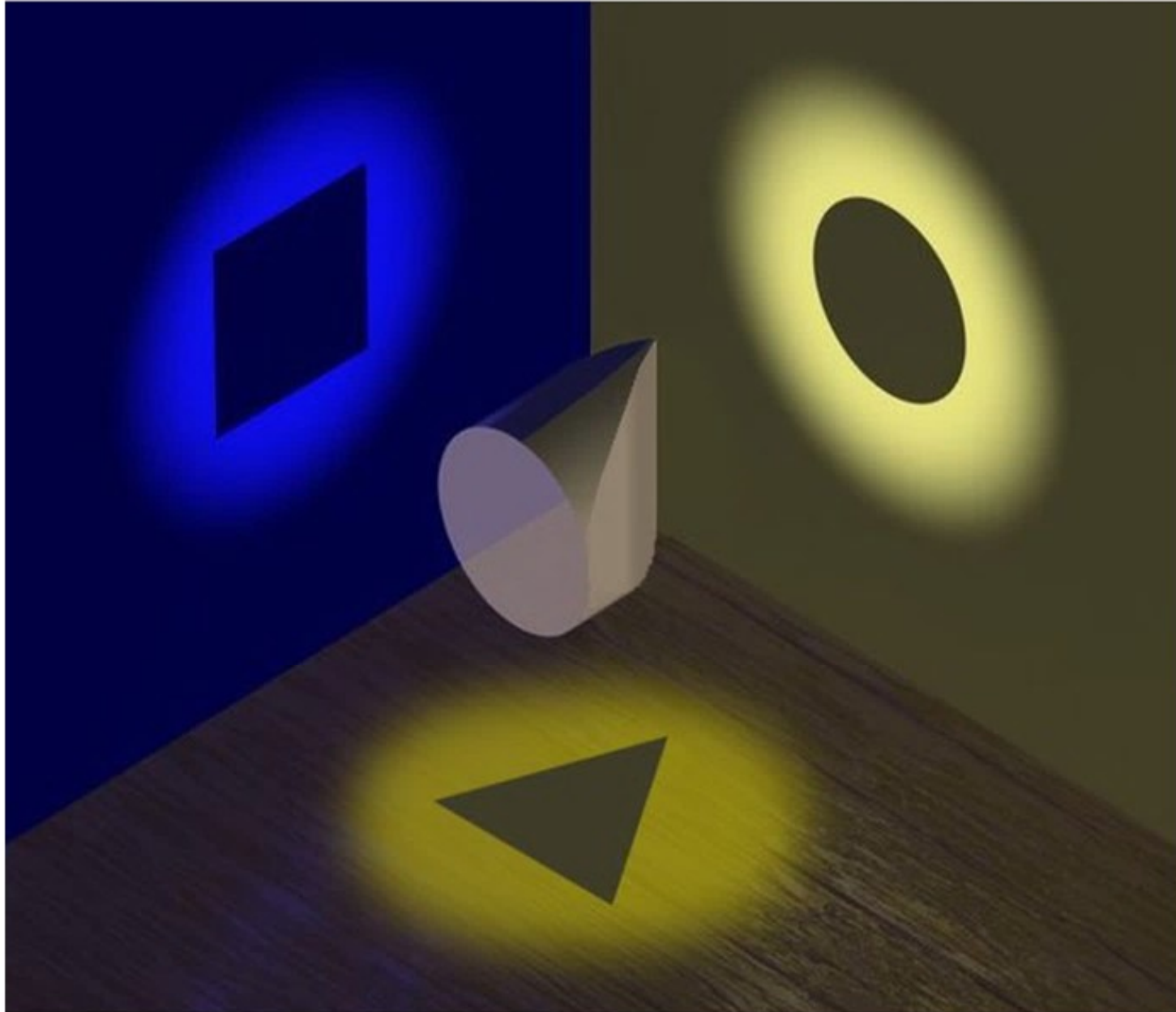
The Whole is Greater than the Sum of its Parts



The Whole is Greater than the Sum of its Parts



Perspective may confound perception of reality



Topics

- Facilitators
 - Juan and Alex
- Participant Introductions
- Workshop goals
- Agenda
- Workshop approach and structure
- Background
 - Previous Workshops
 - Workplan for the EPO
- Others

Workshop goals

- Explain and clarify the Management Strategy Evaluation (MSE) process.
- Enhance communication and foster mutual understanding among fisheries scientists, managers, and other stakeholders on matters related to harvest strategies and MSE.
- Discuss potential management goals and performance metrics with managers and other stakeholders.

Agenda

Workshop opening – Welcome – Introductions

“Best assessment approach” vs. “Evaluated management procedures”

Current management at IATTC based on a “Best assessment approach”

Management strategies: objectives, tactics and strategies, harvest control rules

Introduction to management strategy evaluation (MSE)

Discussion on alternative management objectives for IATTC tropical tunas

Discussion on alternative performance metrics for IATTC tropical tunas

Next steps and Timeline for the MSE process

Workshop structure

- 2 days
 - Meeting times (9:00 to 17:00)
- Lectures
- Working sessions (interactive)
- Discussion sessions
- Available resources (website)
- Others

Workshop modality

- Informal workshop, starting from different experience from participants.
- If something is not clear or going too fast/too slow please let us know.
- Questions/comments are encouraged and are welcomed at any time.

Workshop modality

- **Interactive experience:**
 - Please interrupt presentations
 - Your questions help everybody
 - Your ideas during discussions are welcomed
 - Here to dialogue, including during recess
- **This is not a technical exercise:**
 - No strange abbreviations
 - No equations (maybe one)
 - No computer code (videogame)
 - No complicated graphs or tables (...)

Effective communication is essential

- **Several audiences:**

- Scientists ↔ Commissioners (Objectives, preliminary results)
- Scientists ↔ General public (Industry, NGOs, etc)
- Commissioners ↔ NGO, Industry, other stakeholders (national level)
- Scientists ↔ Scientists (technical support, communication support)

- **Communication mechanisms:**

- Dialogues and "spaces"/ Intermediate groups (formal or informal)
- Presentation of results in a standard and clear way

Chronogram of Workshops related to MSE in the EPO

Management Strategies (Funded by WWF, FAO/ABNJ)

- Panamá, February 2015
- San Diego, USA, August 2018

Introduction to MSE to EPO Tuna Industry (Funded by WWF, FAO/ABNJ)

- Manta, Ecuador. June 13, 2019.
- Panamá City, Panamá. June 18, 2019.
- San Diego, USA, August 12, 2019
- México City, México, August 14 2019.
- Colombia. September 19, 2019.

Workshops for scientists-managers to elicit alternative objectives, performance metrics, harvest control rules (Funded by IATTC)

- San Diego, December 9-10, 2019.
- San Diego, just before SAC meeting, 2020.

Chronogram of MSE work plan (Doc. SAC-10-01a)

MSE - EEO

Green: completed; blue: funded; red: unfunded

SSP ref.	Target/Project	2018		2019		2020		2021		2022		2023	
		1	2	1	2	1	2	1	2	1	2	1	2
1. SUSTAINABLE FISHERIES													
Goal I: Test harvest strategies using Management Strategy Evaluation (MSE)													
I.1.	MSE for tropical tunas in the EPO: bigeye tuna												
I.1.a	1. Conduct an MSE for tropical tunas in the EPO												
	a. Improve the bigeye assessment for use as spatial OM												
	b. Run preliminary simulations with spatial OM												
	c. Technical meeting to agree on overall/revised MSE Plan by IATTC staff and collaborators												
	2. Continue technical development of MSE, HCR, MP, outputs (with Project R.1.b)												
	a. Run preliminary MSE based on initial input from managers and stakeholders												
	b. Run final MSE based on revised input from managers and stakeholders												
	c. Propose evaluated HCR/MP to Commission for adoption, plan work for other tropical tunas												

2. KNOWLEDGE TRANSFER AND CAPACITY BUILDING

Goal R: Improve communication of scientific advice

[illegible]

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Questions?

