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DISCUSSION – IAS from a MOS perspective

**WORKSHOP ON “INVASIVE ALIEN SPECIES
AND THEIR DRIVERS IN THE
CANARY CURRENT LARGE MARINE ECOSYSTEM”**

Organized within the project
*Invasive alien species and other ocean stressors:
Furthering the scientific knowledge and capacity basis in
the Canary Current Large Marine Ecosystem*

24 March 2022 – On-line

Multiple Ocean Stressors - Definitions



Multiple Ocean Stressors: a scientific summary for policy makers:
<https://unesdoc.unesco.org/ark:/48223/pf0000380891>

- Driver** *Environmental properties (e.g. temperature) and ecological processes (e.g. grazing pressure) that influence marine life and its productivity and diversity. Drivers can be natural or anthropogenic forces that cause beneficial or detrimental effects.*
- Stressor** *Environmental properties or ecological processes, which at a certain threshold (e.g. excess nutrient supply or over-harvesting) results in detrimental effects to marine life. Stressors, individually or collectively, are directly responsible for a range of significant harmful changes to the biological components, patterns, and relationships in natural systems.*

Back to the horrendogram

- Pressures → Stressors

- What about drivers?

- What about climate change?

The group needs to decide if climate change is to be considered or not as a driver for IAS, and if the species reaching new places by range expansions (dispersal by natural mechanisms into a region) will be considered in the assessment as alien species or not.

What is your opinion?

- Are there connections between IAS and other stressors in the region?
i.e. warming



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THANK YOU