

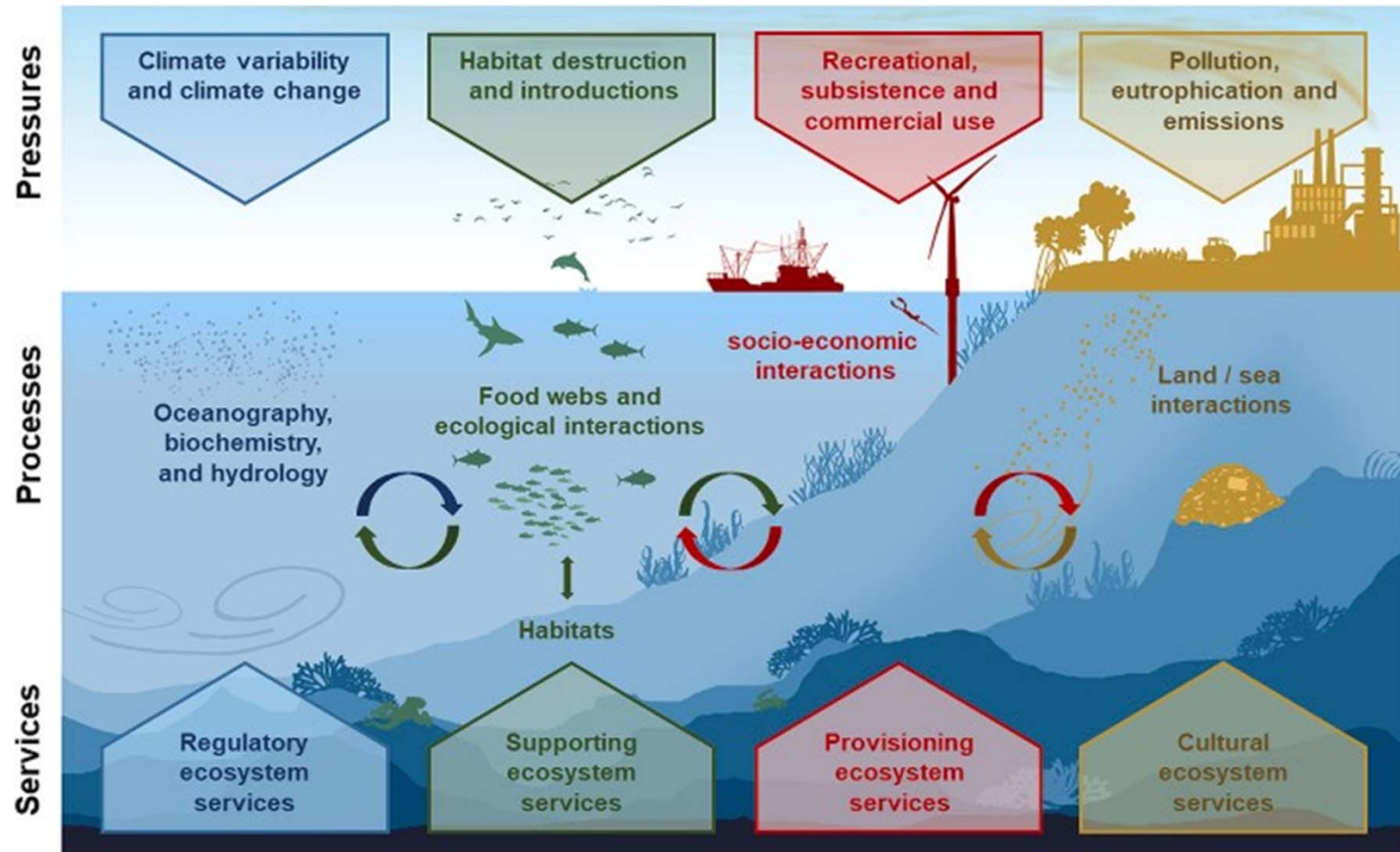
The 16th HIH Research and Presentation Report

“The relevance of the Seas and Oceans to the Earth system and humankind”

Raquel Soto Sanchez

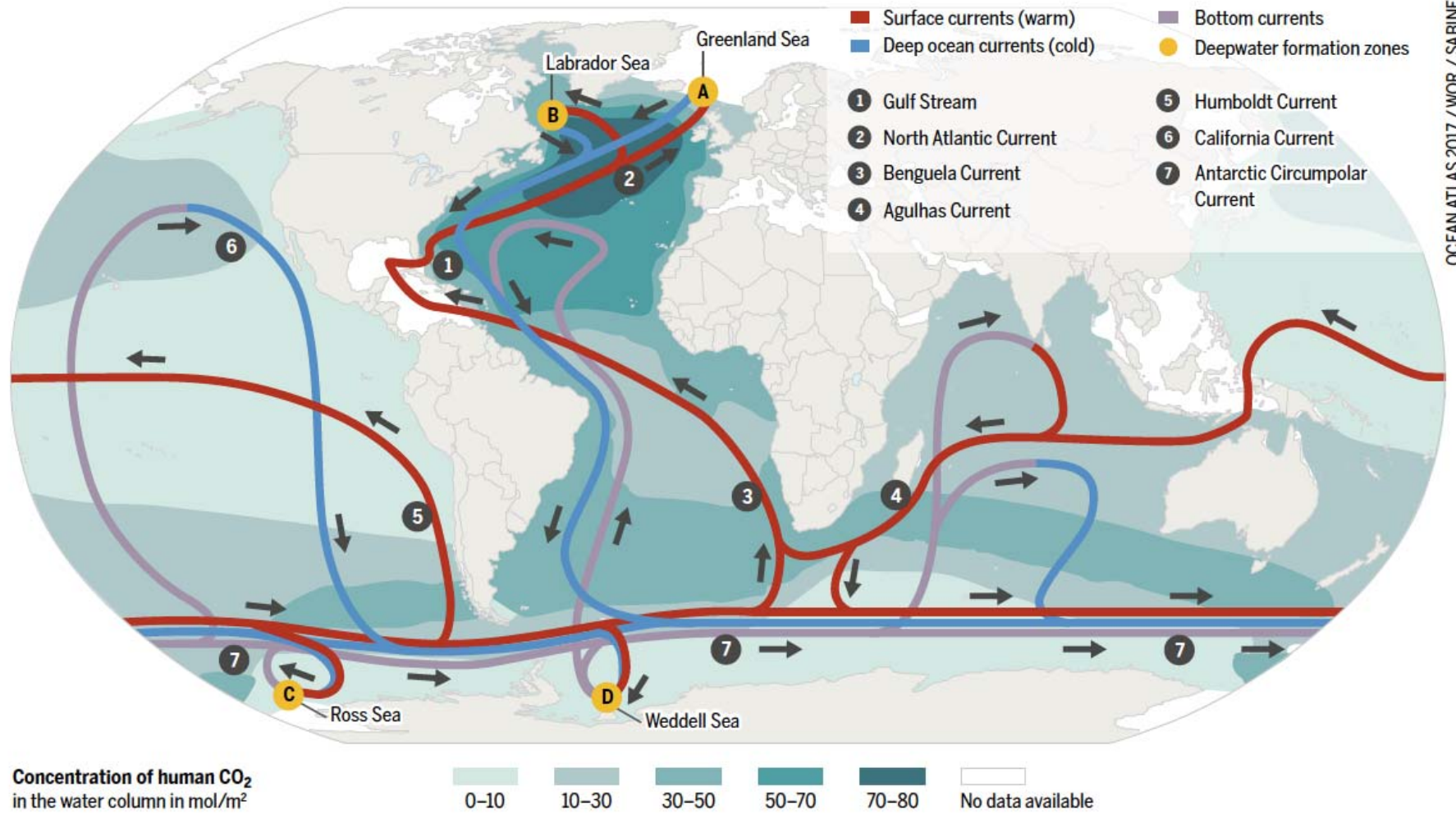
November 2021

The interconnected pressures, processes, and ecosystem services that laws and regulations should address holistically within the marine environment. []



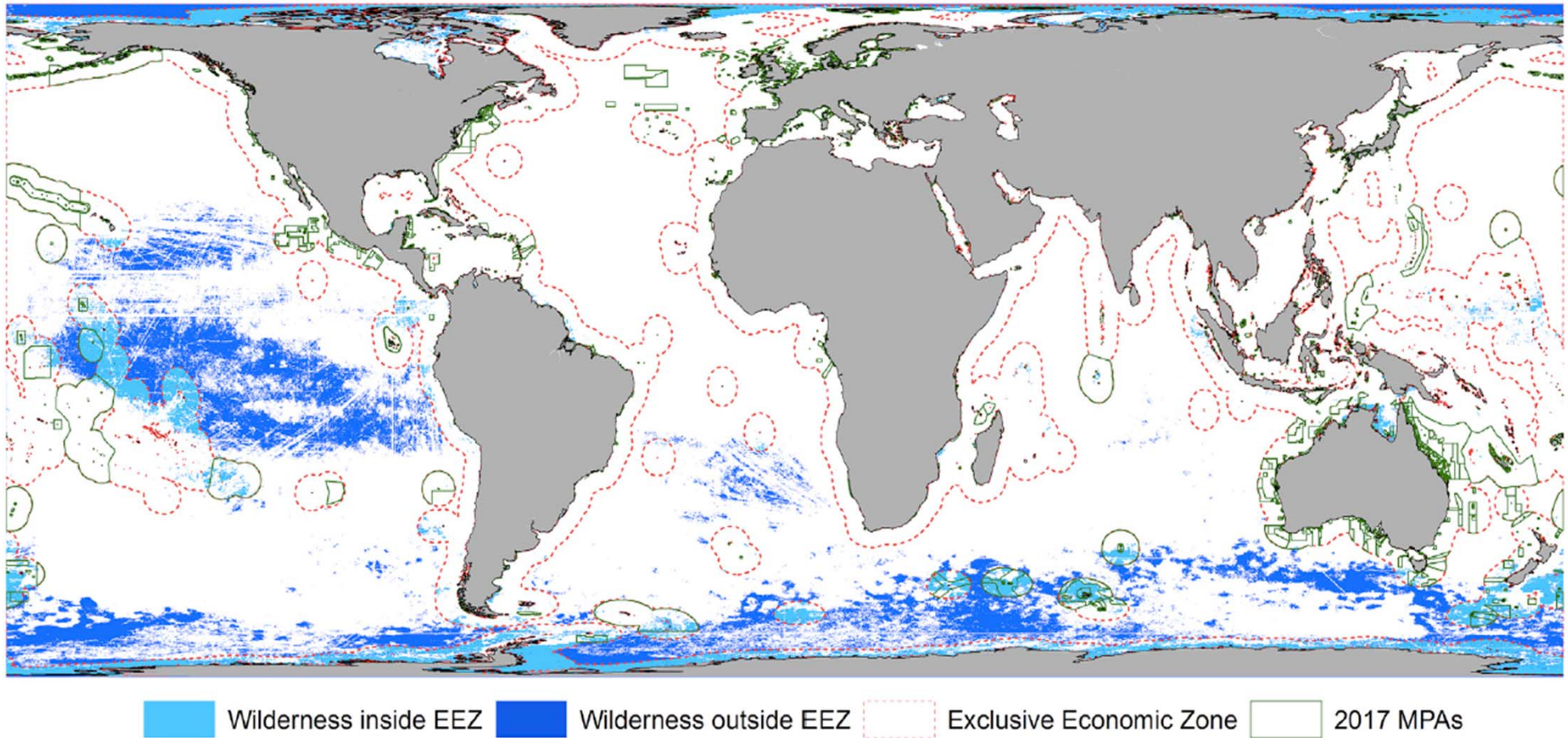
[] Jeroen Steenbeek et al., "Making Spatial-Temporal Marine Ecosystem Modelling Better – A Perspective," *Environmental Modelling & Software* 145 (September 30, 2021): pp. 1-11, <https://doi.org/10.1016/j.envsoft.2021.105209>, 2.

The Global Conveyor Belt—How the Ocean Stores CO₂.[]



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As of 2017: Global Marine Wilderness Extent and Protection. []



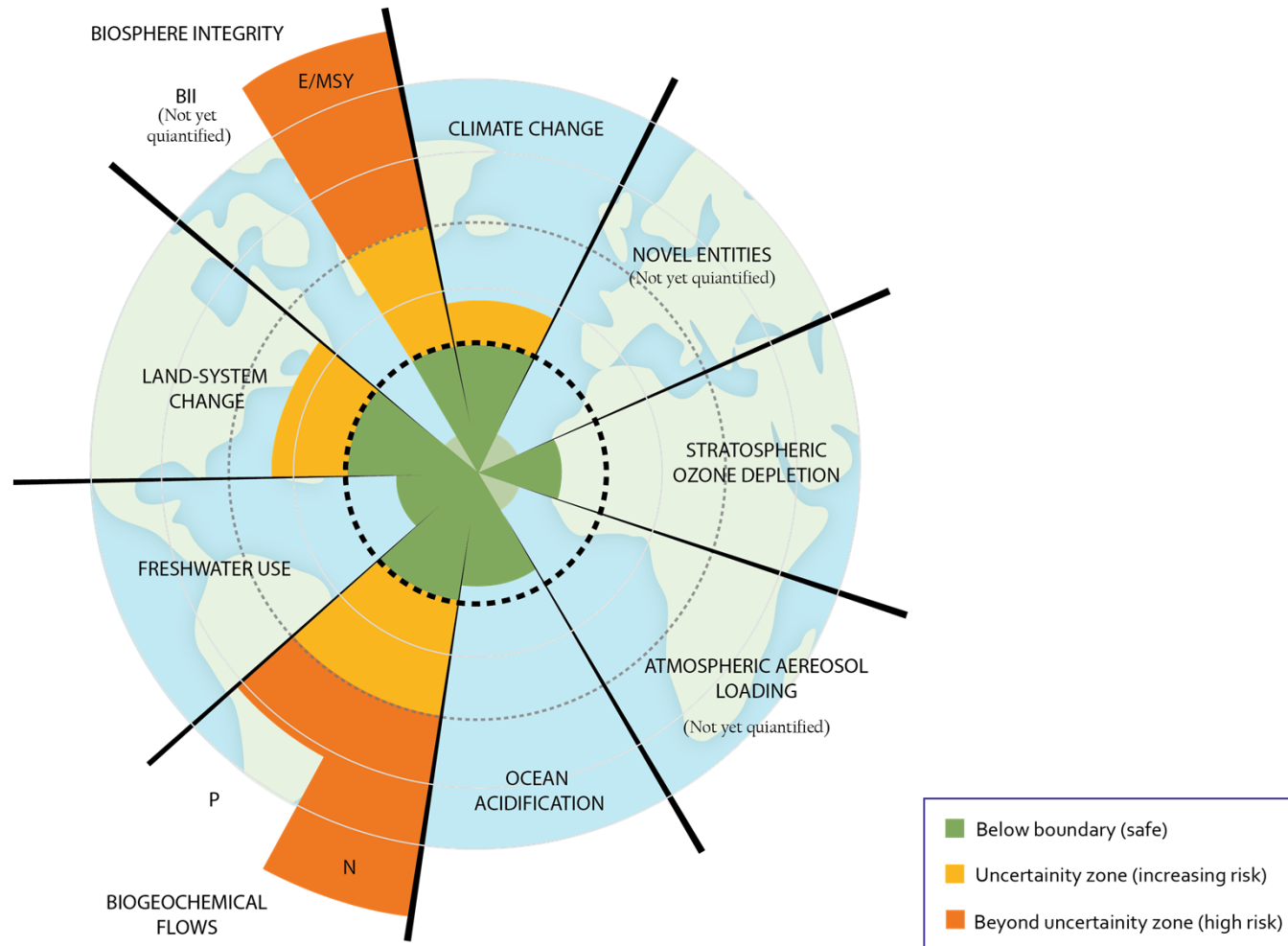
[] Jones, Kendall R, Carissa J Klein, Benjamin S Halpern, Oscar Venter, Hedley Grantham, Caitlin D Kuempel, Nicole Shumway, Alan M Friedlander, Hugh P Possingham, and James E.M Watson. "The Location and Protection Status of Earth's Diminishing Marine Wilderness." *Current Biology* 28, no. 15 (2018): 2508.

Level of protection based on maximum allowed impact of seven potential activities in MPAs. []



[] Kirsten Grorud-Colvert et al., "The MPA Guide: A Framework to Achieve Global Goals for the Ocean," *Science* 373, no. 6560 (September 10, 2021), <https://doi.org/10.1126/science.abf0861>.

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[] "The Nine Planetary Boundaries," The nine planetary boundaries - Stockholm Resilience Centre (Stockholm University), accessed June 7, 2021, <https://www.stockholmresilience.org/research/planetary-boundaries/the-nine-planetary-boundaries.html>.

*“We all need the Ocean. (...)
We are connected to the Ocean. (...)
It is the Ocean that makes Earth habitable for us (...).
We need the Ocean, but now the Ocean needs us to (...) make our
existence possible.”*

–Sylvia Earle.