

Interactive comment on “An Orphan Problem Looking for Adoption: Responding to Ocean Acidification Utilising Existing International Institutions” by Ellycia R. Harrould-Kolieb

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I think the topic itself highly interesting and relevant, but would prefer a better structure as well as more forward looking advice/recommendations.

What I have troubles with is separating between chapter 4 and 5. Much of what is discussed in 5, could also be listed under 4. UNCLOS for example, UNFCCC Loss and Damage mechanism. Also, there is no reference to the IPCC reports really, and explanation why the IPCC AR cover OA quite well, but the COP doesn't. Or the new Special Report on Oceans (not sure if it has to do with the timing of the submission). No reference to SDG, SDG 14 in particular. (not sure if it has to do with the timing of

C1

the submission).

Re the CBD Work Programme on Marine and Coastal ecosystem, it surely has more info re non OA action relevant for OA. CCAMLR has some specific Climate resolutions or alike as well. CCAMLR and OSPAR are regional, but there are more regional efforts out there, why only look at them?

Re recommendations: The Rio Conventions report to each other – make OA a topic? An OA Convention is not feasible, what about an global OA Commission under UNCLOS? Who can ensure the “mainstreaming” of OA in relevant national? Is it a matter of having an NGO OA watchdog looking across the Conventions to ensure action and raise awareness?

I would recommend the paper to go forward with however some revision on structure and explanations of why certain elements are addressed and others aren't.

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2017-230/bg-2017-230-RC2-supplement.pdf>

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2017-230>, 2017.

C2