ID: Type: **Oral**

Hydroacoustic Signatures “Petition” for Social Change: Curating Hydroacoustic Data to Strengthen the Implementation of Environmental Dimensions of the SDGs

The main motivation of my research is to investigate how hydroacoustic data collected from IMS technology can be curated to democratize the access to knowledge and assessment of healthy, sustainable oceans.

My primary goal is to understand and report the progress and potential to isolate hydroacoustic signatures that can be observed and identified as sound from specific anthropogenic activities, particularly those pertaining to production processes in the energy industry.

I will generate ideas about an interactive platform that can realise the implication of my primary goal, which is to raise awareness about the lasting polluting impact of acoustic disturbances caused by humans. The platform will draw attention to underwater acoustic interconnectivity over large scales of space and time, and help advance the SDGs by establishing concrete connections between agents of acoustic pollution and observable noise events

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