

MARISCO Project Recommendations

Biodiversity assessments need multiple metrics; single metrics lead to false interpretations

Few commonalities exist between diverse organism groups and their responses to drivers of biodiversity [change](#)

Biodiversity change happens in response to various biotic and abiotic factors that no one metric can [quantify](#)

Relying on single metrics can lead to false or incomplete conclusions and ultimately bad management [practices](#)

Continuous, high precision monitoring of multiple biodiversity metrics and its environmental drivers is required for more accurate interpretations

Tracking biodiversity change requires high frequency, continuous [data](#)

Each of the analyzed metrics offered different insights on the state of biodiversity and they should only be looked at in [unison](#)

The resulting, holistic, high precision view gained on biodiversity change will aid in determining best management [strategies](#)

All marine biodiversity management is multilevel from local to global scales, single level solutions will reinforce the observed implementation deficit

Implementation deficits occur in biodiversity management when policy measures are too broad for the challenges faced locally, or when local solutions are too small scale to make large impacts; management decisions must be holistic across [scales](#)

Marine ecosystems are inherently interconnected and neither pollution nor organisms abide by human made [boundaries](#)

Knowledge needs to be coproduced alongside local, regional, and global [stakeholders](#)

Abandon the idea that a policy threshold like the 2°C-climate target exists for biodiversity change - we need to look for alternatives to manage it

There are often time lags between environmental drivers (e.g. a pollution event) and the corresponding shifts in [biodiversity](#)

The creation of 'acceptable loss' targets creates the ethical dilemma of deeming some species [dispensable](#)

Unidimensional policy responses do more harm than good by attempting to influence one driver of change while ignoring [others](#)