



OCB Principles of Engagement on mCDR



1. **Reducing greenhouse gas emissions is, first and foremost, our most urgent and critical priority.** mCDR is only one of several climate intervention strategies being proposed and investigated. However, none of these strategies will be effective without first addressing the root of the problem ([Ho et al., 2023](#)).
2. Research is urgently needed on mCDR to understand the benefits, downsides, and uncertainties of these interventions - Researchers should adhere to **robust, transparent and unbiased scientific methods** and avoid scenarios in which monetary gain is linked to demonstrations of safety and/or efficacy.
3. **OCB does not endorse a specific method, technology, or for-profit entity.** Transfer and cycling of carbon in the marine environment is subject to many unknowns, requiring substantive research efforts to discover carbon removal opportunities, eliminate ineffective approaches, and constrain uncertainties.
4. **Transparency and Public Availability** of data, methods, and software are foundational to the responsible advancement of mCDR research.
5. **Equity and Inclusion** must be central to all OCB community efforts on mCDR.
6. **Researchers must be transparent about potential conflicts of interest** (including affiliations with for-profit entities) in scientific exchanges.

OCB-recommended mCDR resources

[Precautionary Principles for Ocean Carbon Dioxide Removal Research](#) (Ocean Conservancy)

[A Code of Conduct for Marine Carbon Dioxide Removal Research](#) (Aspen Institute)

National Academies of Sciences, Engineering, and Medicine. 2022. A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26278>.