

Response to editor's request for minor revision

Editor: "My only additional minor suggestion would be to add to the list of future looking recommendations, an idea of one or two possible outcomes from mesocosm experiments that may suggest that perhaps the methodology is not safe for deployment at greater scale. What are the sorts of outcomes that would be sufficiently alarming to suggest that the approach should not be pursued and vice versa?"

Response: Following the editor's request we have added the following text to the list of recommendations: "Closely monitor signs of potential barriers to OAE implementation, e.g. long-term restructuring of community composition and functioning, decline in ecosystem productivity, proliferation of harmful species, disruption of trophic transfer, changes in elemental cycling"