

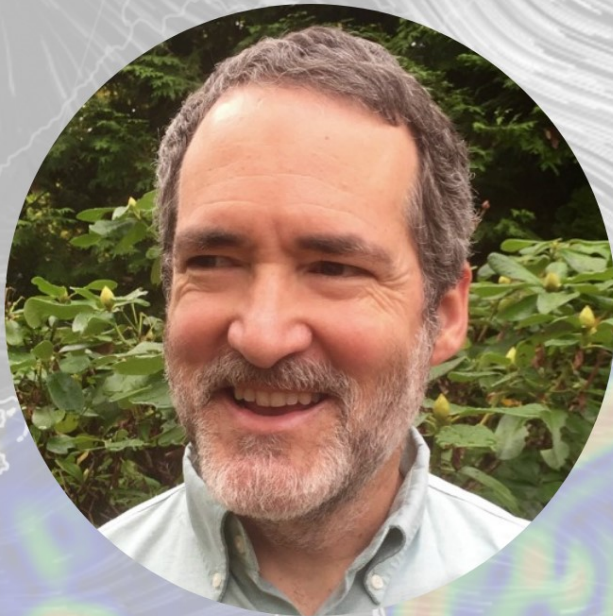
# WHOI Geophysical Fluid Dynamics Program Presents

# Fluid Earth: Climate Change and Climate Solutions

## 2024 Sears Public Lecture

Monday, July 15 at 5:00 p.m.  
Redfield Auditorium  
45 Water Street, Woods Hole

*Reception to follow  
on the lawn*



***Speaker:***  
**Brad Marston**  
**Brown University**

Naturalist John Muir wrote “when we try to pick out anything by itself, we find it hitched to everything else in the universe.” There’s no better illustration of Muir’s observation than the fluid Earth system. The talk will begin with a surprising connection recently discovered between Earth’s atmosphere and oceans and quantum physics. The atmosphere, oceans and glacial ice are key players in climate change. Do these fluids also offer opportunities for humanity to stop global warming? Efforts in wind energy and the removal of carbon dioxide from the air gives some hope.