

# Unintended consequences of marine conservation in the Anthropocene: Sea turtle overgrazing caused the loss of seagrass ecosystems in Bermuda.

## James W. Fourqurean

Florida International University  
Center for Coastal Oceans Research

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Room: King 2057



Dr. Jim Fourqurean is a Professor of Biological Sciences and Director of the Center for Coastal Oceans Research at Florida International University in Miami, where he has been on the faculty since 1993. He is a marine and estuarine ecologist with a special interest in benthic plant communities and nutrient biogeochemistry. Over the last 10 years, Dr. Fourqurean has been helping translate the science of carbon dynamics in coastal ecosystems into actionable policy and climate change mitigation strategies. He published more than 130 papers in refereed scientific journals, 13 book chapters, and numerous technical reports and popular articles. Dr. Fourqurean's scientific work generated over 10,000 citations in the work of others.



Recent declines in the extent of seagrass beds in Bermuda, as well as a perception of increases in populations of sea turtles, led to the hypothesis that overgrazing by sea turtles may be contributing to this decline.