Edward O. Wilson Lecture on Biodiversity
12/05/2021 5:15PM (CET)

Restoration of Aquatic Ecosystems: the Search for a Process-based Understanding

Following:
- 18:30 “Meet the speaker” for Early Career Researchers
- 19:00 Discussion on SESYNC practices for accelerating inter- and transdisciplinary team research

Prof. Margaret Palmer
Distinguished University Professor at the University of Maryland, College Park, and director of the National Socio-Environmental Synthesis Center (SESYNC)

My early career focused on testing hypotheses derived from fundamental ecological theory in marine and stream ecosystems. Given dramatic declines in the health of these, by the late 1990’s I began working closely with natural resource managers to better understand how my research could contribute to the conservation and restoration of running-water systems.

This ultimately led me in 2010 to propose creation of a National Socio-Environmental Synthesis Center (SESYNC) which now serves the broad community of social, natural, and computational scholars, policy makers, business leaders, and other stakeholders in co-developing solutions to difficult problems at the interface of humans and nature.

BIOSKETCH
2015 - now Distinguished University Professor, University of Maryland
2011 - now Director, National Socio-Environmental Synthesis Center
2005-2011 Director, Chesapeake Biological Laboratory, UMCES
1979, 1983 M.S., Ph.D. Coastal Oceanography, University of South Carolina
1977 B.S. Biology - Phi Beta Kappa, Emory University

The Edward O. Wilson Lecture is a special program inviting one excellent international researcher in biodiversity sciences to Oldenburg once per year. It is named after Prof. E.O. Wilson, honoring his fundamental work in biogeography, biodiversity and conservation.

Biodiversity Research
The University of Oldenburg has established a focus on biodiversity research in terrestrial and marine ecosystems. Supported by the Institutes of Biology and Environmental Sciences (IBU) and of Chemistry and Biology of the Marine Environment (ICBM), >20 research groups are working on the following central questions concerning biodiversity:
+ Which ecological and evolutionary processes influence biodiversity on land and in the sea?
+ How will biodiversity change in the context of global change?
+ What are the consequences of these changes in biodiversity for ecosystem function?

HIFMB
The Helmholtz Institute for Functional Marine Biodiversity (HIFMB) is a cooperation of the Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI) and the Carl von Ossietzky University Oldenburg (UOL). It develops the scientific basis for marine nature conservation and ecosystem management.