

Place & Time:

Lecture hall W03 1-156
Carl-von-Ossietzky-Straße 11, OL
14.05.2019 16:00 - 17:00

Edward O. Wilson Lecture on Biodiversity

**Modern nature conservation:
new science and economics by the Nature Conservancy
that delivers outcomes for nature and people**

Biodiversity Research at UOL

The core research area Biodiversity & Marine Research at UOL originates in the integration of expertise in organisms & environmental research within both the Department of Biology and Environmental Sciences **IBU** and the Institute of Chemistry and Biology of the Marine Environment **ICBM**.

More than 20 working groups explore biological diversity:

- Which ecological and evolutionary processes influence biodiversity on land and in the sea?
- How will biodiversity change in the context of global environmental change?
- What are the consequences of these changes in biodiversity for the functioning of ecosystems?



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

Prof. Hugh Possingham

Professor in Mathematics and Ecology,
University of Queensland

Chief Scientist of The Nature Conservancy (TNC)



ABSTRACT

The Nature Conservancy (TNC) is the world's largest environmental non-government organisation, slightly bigger than WWF. Traditionally it has been focussed on protecting land and water through fairly traditional mechanisms, like easements and acquisitions. In the last decade it has expanded its activities to also: tackle climate change, build healthy cities and provide food and water sustainably. In this talk I will discuss some of the innovative science and economics that TNC uses to deliver benefits to nature and people including: marine debt for nature swaps, reef insurance, pop-up parks, urban planning, shellfish restoration and altering agricultural practices.

Biosketch

- 2016 - now Chief Scientist of The Nature Conservancy (TNC)
- 2011 - now Director of the National Environmental Sciences Programme "Threatened Species Recovery Hub"
- 2011 - now Director of The ARC Centre of Excellence for Environmental Decisions - CEED
- 2000 - now Professor of Mathematics and Professor of Zoology, The University of Queensland
- 1987 Oxford University, UK, D. Phil.
- 1983 University of Adelaide, Australia. B.Sc. (Hons.), Applied Mathematics

Further info <http://www.possinghamlab.org/>

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.

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