

# Edward O. Wilson Lecture on Biodiversity

→ ICBM

Carl-von-Ossietzky-Str. 9-11  
26129 Oldenburg

→ Lecture Hall

W15-1-146

→ [uol.de/icbm/webcolloq](https://uol.de/icbm/webcolloq)

**08/06/2022, 5:15 PM (CEST)**

## Unleashing the power of biodiversity research to tackle society's biggest challenges

Nature is our most important asset to tackle the huge and interlinked challenges of biodiversity loss and climate change. I will highlight how the understanding of plant diversity, distribution, threats and uses are paramount to:

i) the identification of critical areas for protection through expert-based, remote-sensed and citizen-science gathered data, within artificial intelligence platforms;

ii) designing habitat restoration projects that consider context-specific and evidence-based guidelines around species and genetic diversity; and

iii) the equitable exploration of useful plant traits, such as new sources of food from orphan and neglected crops and crop wild relatives.

A critical theme running through these projects is the integration of systematics into wider societal contexts, which will consolidate biodiversity research as one of this century's most important disciplines.



**MEET**

before the lecture: 3.30-4.30 PM

**THE**

for Early Career Scientists only

**SPEAKER**

HIFMB, Ammerländer Heerstr. 231, 3rd floor

## PROF. ALEXANDRE ANTONELLI

+ Director of Science | Royal Botanical Gardens, Kew

+ Prof in Systematics and Biodiversity | University of Gothenburg

+ Visiting Professor | University of Oxford

+ 2022 Senckenberg Prize for Nature Research

### BIO SKETCH

2017-19	Founder & Director   Gothenburg Global Biodiversity Centre
2010-19	Scientific Curator   Gothenburg Botanical Garden
2016-18	Science Advisor   Universeum Science Centre
2018	Cisneros Visiting Scholar   Harvard University
2015-15	Assoc. Prof. & Sen. Lecturer   University of Gothenburg
2012-14	Researcher   University of Gothenburg
2011-16	Associate staff member   Panama Canal Project
2009-2010	Postdoc   Institute of Systematic Botany, Univ. of Zurich
2009	PhD   University of Gothenburg.
2003	MSc, Biology   University of Gothenburg, Sweden

### BIODIVERSITY RESEARCH

The University of Oldenburg has established a focus on biodiversity research in land and marine ecosystems.

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 († 2021), honoring his fundamental work in biogeography, biodiversity and conservation.