

# **ABSTRACT**

Universität Hamburg, Fachbereich Biologie  
IZS-Colloquium

**23.19.2024**

**Prof. Theresa Jones**

(University of Melbourne)

The baby, the wolf and the silver bullet: understanding and mitigating the impact of ecological light pollution

Host: Jutta Schneider

Light pollution is one of the fastest growing global pollutants increasing by approximately 6% per year and currently affecting more than 20% of land and coastal environments. In this talk I will start by discussing the importance of natural light for ecological process (the baby). I will then use examples from my laboratory to highlight how light pollution (the wolf) threatens a vast array of biological processes. Finally, I will discuss ways in which we can mitigate the impact of light pollution (the silver bullet) incorporating some recent case studies and work my lab has conducted with industry.