



Geographisches Kolloquium

Dienstag, 04.11.2025

Prof. Dr. Christopher Kyba

Ruhr-Universität Bochum

The future of remote sensing with nighttime light

Observations of the Earth in the visible band at night provide a useful opportunity to remotely sense uniquely human phenomena, including population, wealth, electrification, and disaster recovery. While the subfield of night lights remote sensing is rapidly expanding, the spectral, spatial, and temporal properties of current instruments have important limitations. This talk will review the opportunities and challenges of remote sensing using night lights, and present the concept for an advanced European nighttime lights mission.

Erwin Schrödinger-Zentrum
Rudower Chaussee 26
Raum 0'307
15:00 Uhr c.t. — Eintritt frei

