

Geographisches Kolloquium

Winter Term 2021/2022

Tuesday, 25 January 2022

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Conserving biodiversity under global change: some modelling perspectives

Biodiversity and ecosystems are degrading worldwide in response to multiple anthropogenic pressures. Yet, our understanding and predictive capacity of these dynamics remains limited. Part of the problem could be the sheer complexity of nature and the human-mediated impacts, but also limited data and uncoordinated modelling efforts. In my presentation, I will give a brief summary of current modelling approaches in biodiversity conservation and outline perspectives for more integrated biodiversity modelling. Improved modelling platforms paired with efficient data science tools could help answering pressing fundamental and applied questions related, for example, to attribution of recent biodiversity change at different spatio-temporal scales, and to guiding conservation and restoration in a dynamic and rapidly changing world.

15:15 Uhr, online via Zoom at

<https://hu-berlin.zoom.us/j/66970298225>

(Meeting ID: 66970298225 - Password: 654630)

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