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Climate-smart forests: smart solutions also for biodiversity? Two case studies

Speaker: Prof. Dr. Andreas Schuldt University of Göttingen

Time: 10:00 am Sep 1, 2023

Venue: Conference Room W301, Mudan Building Person to contact: Liu Xiaojuan(刘晓娟), 62836051

Brief Introduction of Speaker

Prof. Dr. Andreas Schuldt has been a faculty member at the Department of Forest Nature Conservation, Georg-August-Universität Göttingen, Germany, since 2018. His research focuses on the protection and conservation of species and communities, their habitat requirements, and functions in temperate and (sub)tropical forests. In light of globally emerging biodiversity change, his lab aims to contribute to a better understanding of patterns, dependencies, and driving mechanisms of the distribution and structuring of biodiversity. He is particularly interested in



arthropod communities, characterized by high species richness and essential effects on many ecosystem processes. He published over 50 papers in journals, including Nature Communications, New Phytologist, and Global Change Biology. His talk will focus on two case studies that provide exemplary insights into how adaptive management in climate-change can affect the biodiversity of forest-associated organisms. These case studies can give impetus to develop a better understanding of the potential synergies and trade-offs between climate-focused forest management adaptations and biodiversity conservation.

