



UNIVERSITÄT **BONN**

Die Pflanzenwissenschaftlichen
Institute

Einladung zum Pflanzenwissenschaftlichen Kolloquium

Freitag, den 04. November, 12 c.t.

Nussallee 4, Hörsaal Botanik

Referent: Prof. Dr. Alexander Zizka,
AG Biodiversität der Pflanzen, Philipps-Universität Marburg

Thema: „*Big data approaches to plant biogeography
and the evolution of insular woodiness*“

The public availability of biodiversity data is drastically increasing. Specifically, information on species geographic occurrence from digitized herbarium collections has huge potential for global synthesis in plant biogeography and conservation. Yet, low data precision is often preventing the effective use of this large-scale information. Here, I briefly outline major caveats of large-scale distribution data from public databases and then illustrate their potential, with two case studies: A global synthesis on the evolution of insular woodiness, and a novel approach to use deep learning to automatize Red List assessments.

Diskussionsleitung: Dr. J. Mutke, NEES-Institut

Zu diesem Vortrag und zu einer evtl. Nachsitzung sind Sie herzlich eingeladen