First Announcement and Call for Papers:

Workshop of the

Working Groups „Ecology and Environment", „Bayes Methods", „Spatial Statistics" (International Biometric Society, German Region) and „Biometry" (German Association of Forest Research Stations, DVFFA)

Freising or online, 24-26/4/2024

"BART – Bayesian Additive Regression Trees"

Workshop Objectives

The aim of the workshop is to provide a guided overview of the theory of Bayesian additive regression trees and their applications in epidemiology and environmental sciences like forestry. As always, the workshop welcomes presentations (20min) by the participants on current research topics, particularly:

- Current research on/with Bayesian or spatial statistics
- Current research on/with ecology or forestry
- Theory, applications and implementations of BART or related methods

Invited Tutorial

Dr. Jeremy Yoder (California State University, Northridge, CA):

Bayesian Additive Regression Trees

After an introduction to BART by Colin Carlson (Georgetown University, Washington D.C.), Jeremy Yoder will lead us through practical applications in R. Exercises require a PC with R package embarcadero (https://github.com/cjcarlson/embarcadero).
More details, e.g.: https://doi.org/10.1002/evl3.296; https://doi.org/10.1111/2041-210X.13389

Further Information

Please visit the websites of the working groups:
http://www.biometrische-gesellschaft.de/arbeitsgruppen/bayes-methodik.html
http://www.biometrische-gesellschaft.de/arbeitsgruppen/oekologie-und-umwelt.html
http://www.raeumliche-statistik.de/

Instructions for Authors

Please send *abstracts* (max. one A4 page, 12pt) of presentations to one of the organizers (below) by e-mail. The expected length for each presentation is 20 minutes excl. discussion. The workshop language will be English, but presentations in German will also be possible. Presentation files should be made available for publication on the websites of the working groups.

Important Dates

15/2/2024	Submission deadline for abstracts
25/2/2024	Notification of acceptance of abstracts; publication of the program shortly thereafter
03/3/2024	Deadline for registration (see below) – late registration only as long as places available

Registration

For registration please send mail to Wolfgang.Falk@lwf.bayern.de or Tobias.Mette@lwf.bayern.de indicating your *name, affiliation* and *presence/ online* participation and *joined dinner* participation. There is no registration fee, but membership in the society is encouraged. A link to the videoconference will be sent by mail ca. 21/4/2024. Organizers may cancel, postpone or change the program due to unforeseen circumstances. Registered participants are informed. Other liabilities like costs of travel or time are excluded.

Organisers

Working Group „Ecology and Environment":

Dr. Tobias Mette (Bayerische Landesanstalt für Wald und Forstwirtschaft) Tobias.Mette@lwf.bayern.de

Working Group „Bayes Methods":

Dr. Reinhard Vonthein (Universität zu Lübeck) reinhard.vonthein@uni-luebeck.de

Working Group „Spatial Statistics":

Dr. Johannes Dreesman (Niedersächsisches Landesgesundheitsamt) Johannes.Dreesman@nlga.Niedersachsen.de

Working Group „Biometry" of the German Association of Forest Research Stations:

Wolfgang Falk (Bayerische Landesanstalt für Wald und Forstwirtschaft) Wolfgang.Falk@lwf.bayern.de