SPECIAL COLLOQUIUM

Spatial data in R: new directions

Prof. Dr. Edzer Pebesma

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Tuesday, February 6
11:00–11:55 AM
Bren Hall 1424

This talk will give an overview of developments over the past 2 years in the R ecosystem related to handling and analyzing spatial data. It will cover simple features, tidyverse, spatial databases, raster data, raster and vector data cubes, and give an outlook on the analysis of large amounts of Earth observation imagery.

Prof. Dr. Edzer Pebesma leads the [spatio-temporal modelling laboratory](#) at the University of Münster's [Institute for Geoinformatics](#). He has a PhD in geosciences, and works in spatial statistics, environmental modelling, geoinformatics and GI Science, semantic technology for spatial analysis, optimizing environmental monitoring, e-Science and reproducible research. He is a co-author of [Applied Spatial Data Analysis with R (second edition)](#), Co-Editor-in-Chief for the [Journal of Statistical Software](#) and for [Computers & Geosciences](#), and associate editor for [Spatial Statistics](#). He created and maintains [several popular R packages for spatial data](#).

Department of Geography