Course Announcement

Statistical Methods for the Analysis of Environmental Data in Space and Time

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Time: Oct. 17 - 22, 2013

Place: Seminar room 1 (0.916) IWS

ECTS: 2

Description:

In this seminar the main statistical methods required to solve complex and multidisciplinary problems in the analysis of important environmental problems will be presented. This includes the analysis of spatial data, trend detection in environmental time series, monitoring network design, environmental epidemiology and extreme analysis of non-stationary time series. Classical and Bayesian methods will be presented, and several illustrating examples using the free statistical software R will also be included.