CEESG Seminar and Workshop Series:

Species distribution modeling with Robert J. Hijmans

Robert J. Hijmans will be giving a seminar and three workshops focused on modeling species distributions next week. Robert is an associate professor in the Environmental Science and Policy Department at UC Davis. He is a specialist in ecological modeling and geo-informatics, and a leading figure in the area of species distribution modeling/ GIS niche modeling. He is the developer of the R packages dismo and raster, as well as the author of the Wordclim bioclimatic data set. An outline of his schedule is below:

Wednesday, June 5

10-11:30 possibly available for meetings

12 CEESG Seminar: Modeling the effect of climate change in agriculture

2-5 Workshop: Introduction to spatial modeling using the “raster” R package. Raster provides classes and functions for manipulating geographic / spatial data in ‘raster’ format.

Thursday, June 6

9-12 Workshop: Species distribution modeling using the “dismo” R package. Dismo can be used to implement several GIS niche modeling methods including Maxent, Bioclim and Domain.

12-1:30 Available for lunch

2-5 Workshop: Spatial statistical methods in R