

Interdisciplinary Workshop: Effects of climate change: coastal systems, policy implications, and the role of statistics

Course March 16-17, and Workshop March 18-20 2009

Schedule for Short Course on Statistical Software and Extreme Value Analysis

Monday, 16 March	
16.00	R preliminaries
16.30	Practice with R
18.00	Convene

Tuesday, 17 March	
9.00	Background on Extreme Value Analysis (EVA)
9.30	Generalized Extreme Value (GEV) Distribution (stationary case)
9.45	Practice with GEV
10.30	Break
10.45	Threshold Excess Models (stationary case)
11.05	Practice with threshold excess models
12.00	Risk Communication (stationary case)
12.30	Lunch
13.45	Non-stationary case (linear temporal trends)
14.00	Practice with linear (temporal trends)
15.00	Break
15.15	Annual cycles
15.30	Practice with annual cycles
16.30	Risk Communication under non-stationarity
16.40	Practice
17.30	Wrap-up
