



Seminar(i)

PaleoTime machines to unveil the future of biodiversity

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Ecologists are increasingly interested in understanding how biological diversity will respond to climate change. Past biodiversity dynamics recorded in paleo-archives show a broad array of responses, including tolerance, microevolution, migration, and extinction, occurring across a broad range of taxonomic, temporal and spatial scales. However, this knowledge is fragmented within disciplinary and scale boundaries. I will outline cross-disciplinary approaches that will better apprehend the mechanisms allowing species to survive, facilitating prediction of changes in future biological diversity. I will also provide study cases of my recent research (from woolly mammoths to *H. sapiens sapiens*) to illustrate how analyzing past biodiversity responses to climate change will increase our ability to anticipate responses of biological diversity to global warming.

WHERE?

Seminar room ICBiBE - SS6
(lower-ground floor, Institutes building)

WHEN?

Friday 10/11/2017 - 12:30 h