



ECM 2011

VIth European Congress of Mammalogy

Université P. et M. Curie - Muséum national d'Histoire naturelle
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9. Mammals and landscape

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Understanding and predicting the effects of anticipated global and regional changes is currently one of the big challenges of science. Landscapes can be viewed as a spatial arrangement of habitats for a variety of communities interacting together and responding within a nested hierarchy of time-space scales. The principal concern lying at the interface of mammalogy and landscape ecology is to understand how environmental events, such as habitat alteration, climate change, diseases and pollution, alter population and community functioning in a context spatially explicit. The aim of this symposium is to explore the current issues related to mammalogy and landscape ecology, e.g. how spatial arrangements of various habitats and their anthropogenic and natural changes can impact mammal population and community dynamics, how new methods fertilize this field of science, and how basic concepts issued from studying the interactions between mammals and landscape may affect applied issues (conservation, pest and disease control, etc).