

AVEC Workshop
EFFECTS OF LAND ABANDONMENT AND GLOBAL CHANGE
ON PLANT AND ANIMAL COMMUNITIES

11 October 2004

GLOBAL CHANGE AND LAND ABANDONMENT: PAST AND PRESENT

8:15 – 9:00 *Welcome address*

Wolfgang Cramer, Potsdam Institute for Climate Impact Research, Germany
Stefano Mazzoleni, Facoltà di Agraria, Università degli Studi di Napoli Federico II
Round table: short introduction and information what are the expectations of this workshop (by all)

9:00 – 9:30 *Back to the future: what palaeontology tells about possible effects of global warming on habitats and animal communities*

Anastassios Kotsakis, Dipartimento di Scienze Geologiche, Università degli Studi Roma Tre, Rome, Italy

9:30 – 10:00 *Vulnerability of European shrublands under climate change and land use change: Results from the VULCAN project*

Jacqueline Dyer, School of Agricultural and Forestry Sciences, University of Wales, Bangor, UK and Bridget Emmett, Centre for Ecology and Hydrology, Bangor, UK

10:00 – 10:30 *Recent causes of land abandonment from an economical perspective*

Adele Coppola, Dipt. Economia e Politica Agraria, Università degli Studi di Napoli Federico II, Italy

10:30 – 11:00 Coffee Break

11:00 – 11:30 *Connectivity, scale dependence of spatial patterns and species' perception in relation to land abandonment*

Jacques Baudry, INRA – Rennes, France

11:30 – 12:00 *Can we distinguish between climate and land abandonment effects?*

Mark Mulligan, Environmental Monitoring and Modelling Research Group, Department of Geography, King's College, London, UK

12:00 – 12:30 *CO₂ and fire regime impacts on vegetation structure: Potential interactions with land use and land abandonment*

Guy Midgley, Climate Change Group, Kirstenbosch Research Center, National Botanical Institute, Cape Town, South Africa

12:30 – 14:00 Lunch

14:00 – 16:00 Discussion/Poster presentation

16:00 – 16:30 Coffee Break

16:30- 18:30 Discussion (in two separate groups, last half hour jointly)

19:00 Dinner at “La Rondinella”

12 October 2004

EFFECTS OF LAND ABANDONMENT AND GLOBAL CHANGE ON BIODIVERSITY

- 9:00 – 9:30 *Plant biodiversity, climate change and land abandonment*
Sandra Lavorel, Laboratoire d'Ecologie Alpine (CEFE), Université Joseph Fourier, Grenoble, France
- 9:30 – 10:00 *Land abandonment and animal communities: winners and losers*
Danilo Russo, Facoltà di Agraria, Università degli Studi di Napoli Federico II, Italy
and School of Biological Sciences, University of Bristol, UK
- 10:00 – 10:30 *Land abandonment and Mediterranean avian communities*
Jean-Louis Martin, CEFE-CNRS, Montpellier, France
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:30 *The effects of land abandonment on invertebrate communities*
Volkmar Wolters, Department of Animal Ecology and Systematic Zoology, Justus Liebig University, Giessen, Germany
- 11:30 – 12:00 *Global warming and amphibian conservation in changing landscapes*
Richard Griffiths, Durrell Institute of Conservation and Ecology, University of Kent, Canterbury, UK
- 12:00 – 12:30 *Land use and land abandonment in European history*
Sander van der Leeuw, Dept. of Anthropology, Arizona State University, Tempe, USA
- 12:30 – 14:00 Lunch
- 14:00 – 16:00 Discussion: separately in two groups
- 16:00 – 16:30 Coffee Break
- 16:30- 18:30 Field trip: *Mediterranean flora* (taking the lift to Monte Solaro, walking downhill)
Guide: Massimo Ricciardi, Università degli Studi di Napoli Federico II, Italy
- 19:00 Dinner at “Da Gelsomina”

13 October 2004

MANAGING BIODIVERSITY UNDER LAND ABANDONMENT AND CLIMATE CHANGE

and

LAND ABANDONMENT UNDER SPECIAL RISKS: FIRE AND MOUNTAIN ECOSYSTEMS

- 9:00 – 9:30 *Managing landscapes under land abandonment to preserve biodiversity*
Paul Opdam, University of Wageningen and Research Center, Dept. Landscape Ecology, Netherlands
- 9:30 – 10:00 *European pastoralism and land abandonment: The experience of the PASTORAL project*
Davy McCracken, Scottish Agricultural College, Ayr, UK
- 10:00 – 10:30 *The value of pastoralism in Mediterranean plant diversity conservation*
Begona Peco Vázquez, Terrestrial Ecology Group, Universidad Autónoma de Madrid, Spain
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:30 *Ecological effects of land-use changes in the European Alps*
Ulrike Tappeiner, Botanical Institute, University of Innsbruck, Austria
- 11:30 – 12:00 *Land abandonment and fire: Implications for animal biodiversity*
Francisco Moreira, Centro de Ecologia Aplicada, Lisbon, Portugal
- 12:00 – 12:30 *Ecotourism as part of adaptation strategies in biodiverse regions undergoing change in use*
Sylvie Blangy, TUKTU, Montpellier, France
- 12:30 – 14:00 Lunch
- 14:00 – 14:30 Discussion groups
- 16:00 – 16:30 Coffee Break
- 16:30- 18:30 Discussion (first in two separate groups, last half hour jointly)
- 18:30 Closing remarks
Wolfgang Cramer
- 19:00 Farewell dinner at “La Rondinella”