



Symposium on Fire Management in Cultural and Natural Landscapes,
Nature Conservation and Forestry in Temperate-Boreal Eurasia
Freiburg, Germany, 25-27 January 2008

Introduction

Cultural history of fire in
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Fire in Northern Europe

- Sweden

- Finland

Military training sites

- Netherlands

- Germany

Restoration of *Calluna*
Heathlands

- Denmark

- Germany

Habitat management

- Scotland

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Prospects

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Introduction to the Symposium

Johann G. Goldammer
Fire Ecology Research Group /
Global Fire Monitoring Center (GFMC)



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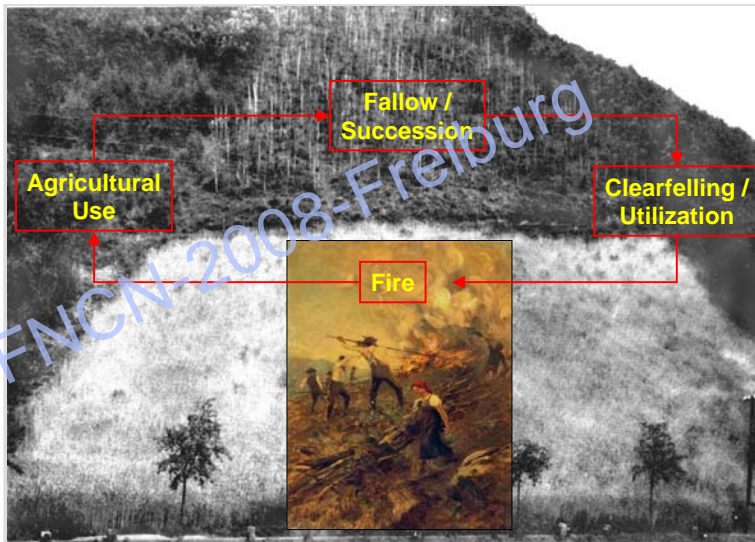
With Inputs by

G. Hoffmann (Germany), M. Bruce (Scotland), L.
Kondrashov, Y.K. Kisilyakhov (Russia), T. Rydkvist
(Sweden), H. Page, E. Brunn (Germany), L. Lovén
(Finland), N. Nikolov (Macedonia)



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	<p>Historic photograph of <i>Reutebrennen</i></p> 
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	<p>Active and former military training sites Burning of heathland in military areas in the Netherlands</p>
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	<p>Former military training site (shooting range) with an unexploded ordnance (UXO) in the inserted photograph – one of the problems to be targeted by prescribed burning operations</p>
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Continental dunes as product of climate, soil and recurrent disturbances on military training sites



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Prescribed burning of dune heath in Denmark





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Atlantic *Calluna* heathlands – Sylt Island and North German mainland

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Calluna vulgaris

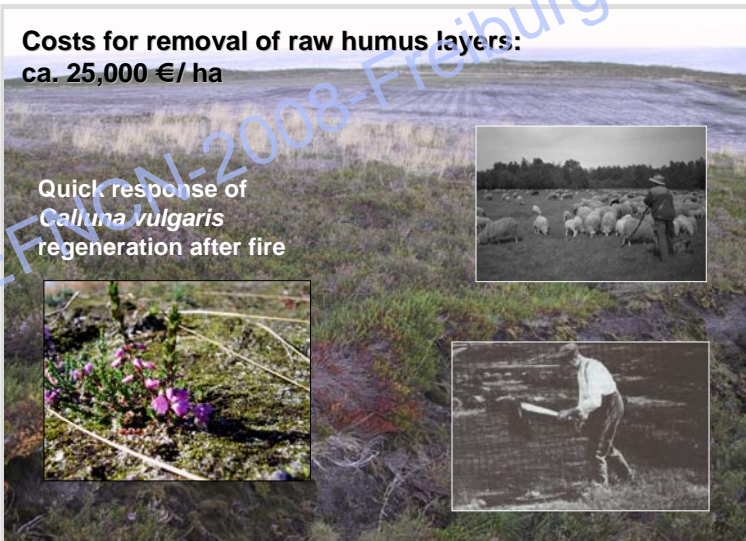
Erica tetralix



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Costs for removal of raw humus layers: ca. 25,000 €/ ha

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Quick response of
Calluna vulgaris
regeneration after fire



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Old burning techniques



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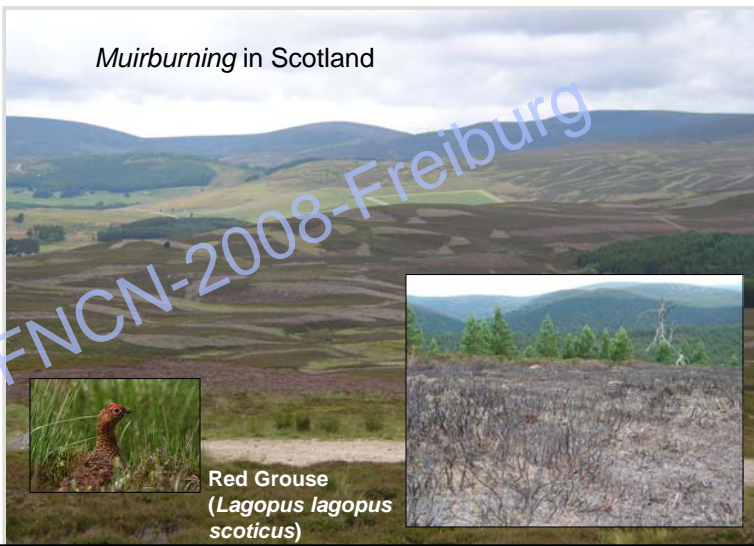
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Muirburning in Scotland



Red Grouse
(*Lagopus lagopus scoticus*)



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Maintaining threatened heathland habitats for Black Grouse (*Tetrao tetrix*)

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Stand-replacement fire for maintaining Capercaillie (*Tetrao urogallus*) habitats in the Black Forest



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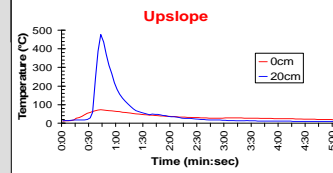
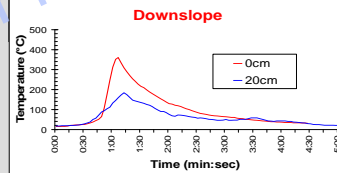
Fallow / Succession in viticulture areas, SW Germany





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Prescribed burning for wildfire hazard reduction along railway track in Germany

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Prescribed burning for maintenance and restoration of wetlands -

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Central Asia: Stabilizing destabilized pine and larch forest ecosystems by prescribed burning

Challenges for Central Siberia, Transbaikai Region, Mongolia and Russia's Far East




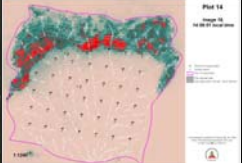


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Research and Development expertise: FIRESCAN and FIREBEAR



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