SPREAD: Forest Fire Spread Prevention and Mitigation

Summary / Zusammenfassung
SPREAD is a European research project that deals with the three main issues of wildland fire research and management: fire occurrence, fire behavior and fire effects. 26 teams from 14 different countries (including Canada and Finland) address fuel type modeling, spatial and temporal analysis of fire occurrence, fire behavior modeling, fire ecology and fire management in the European context. SPREAD aims to provide the basis and framework for the development and implementation of an integrated forest fire management system for Europe. Special emphasis is put on spaceborne and airborne Earth observation methods, meteorological data, information on the human factor in fire risk, and assimilation of these data into fire prevention and fire behavior models. In close collaboration with regional and national forest agencies, innovative landscape forest and management strategies, i.e. new approaches to post-fire landscape management are studied.

The Zurich team concentrates on the design and implementation of high resolution fuel data detection methods (i.e., LIDAR and Imaging Spectroscopy) as well as the spatial and temporal analysis of mechanism triggering fire occurrence (fire ignition and propagation) throughout Europe.

Weitere Informationen unter http://www.geo.uzh.ch/rsl/research/SARLab/spread/

Publications / Publikationen


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Other Links to external Webpages / Andere Links zu externen Webseiten
http://www.unipublic.uzh.ch/magazin/umwelt/2002/0226/

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