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Nota di contenuto	Title page; Preface; Contents; Precipitation in the Antarctic gradually decreased; 3D-Remote sensing, Status Report 2008; Geometry of vertical and oblique image combinations; Spatial information sciences for transportation decisions; Multisensor study of wind patterns and algal blooms in near-coastal gyres of the Mediterranean sea; Determination of flood risks in the yeniciftlik stream basin by using remote sensing and GIS techniques; ERS data for rainfall-runoff models; Risk assessment of forest fires by using satellite data with remote sensing techniques Assessment of different topographic corrections in MODIS data for mapping effective snow covered areas in mountainous terrain Classification and information extraction in very high resolution satellite images for tree crops monitoring; Determination of minimum burning area on active fire detection by means of MSG-SEVIRI; Real time snow recognition from msg satellite for mountainous areas; Evaluation of the damages provoked by seismic events through teledetected imagery; Remote sensing monitoring to preserve ancestral semi-natural mountain meadows landscapes

Current state of terrestrial and earth observation techniques for biomass estimation in Europe; Use of ASTER-data for a soil erosion risk model application, Chios island (Greece); Evaluation of data fusion methods for agricultural monitoring based on synthetic images; Improved classification of urban areas with pixel-based measures of object size; Distributed information system in support of aerospace research; Tracing soil pollution dynamics near mining dump site lakes, Mirkovo flotation plant; Colorimetric analysis in vegetation state assessment

Land use/cover mapping using multisensor image fusion technique; Urban growth pattern of Didim; Comparison of pixel-based and object-based classification methods in detecting land use/land cover dynamics; Oil-spill detection using generalized linear model and genetic algorithm: a case study in Lebanon; National and regional scale InSAR DEMs and applications; Rule-based classification of SPOT imagery using object-oriented approach for detailed land cover mapping; REDD pilot project in Cameroon - method development and first results

Comparison of pixel based and feature based fusion of high resolution optical and SAR imagery; Compilation and assessment of Pan-European land cover changes; Historic land cover changes at Natura 2000 sites and their associated landscapes across Europe; Integration of panchromatic and multispectral Images by local fractal dimension; Application of remote sensing to heritage conservation: a case study in central Portugal; Assessment of crop growth conditions for agri-environment ecosystem for modern landscape management; Monitoring of maize damage caused by western corn rootworm by remote sensing

Sommario/riassunto

Includes proceedings that cover 84 papers, presented at the 'Remote Sensing for a Changing Europe' symposium held in Istanbul, Turkey (2-5 June 2008).
