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| Titolo | Earth observation for land and emergency monitoring // edited by Heiko Balzter |
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| ISBN | 1-118-79374-9 1-118-79373-0 1-118-79378-1 |
| Descrizione fisica | 1 online resource (418 pages) : illustrations (some color), tables |
| Disciplina | 363.348 |
| Soggetti | Emergency management - Remote sensing Artificial satellites in remote sensing |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Earth observation for land and emergency monitoring core services -- Methodology for regional to global mapping of aboveground forest biomass : integrating forest allometry, ground plots, and satellite observations -- Remote sensing for aboveground biomass estimation in boreal forests -- Forest mapping of the Congo basin using synthetic aperture radar (SAR) -- Multi-frequency SAR applications for land cover classification within Copernicus downstream services -- Unsupervised land use/land cover change detection with integrated pixel and object based approaches for high resolution remote sensing imagery -- Earth observation land data assimilation system (EO-LDAS) regularization constraints over Barrax site -- SAR-based EO of salt marsh habitats in support of integrated coastal zone management -- A framework for lakeshore vegetation assessment using field spectroscopy and airborne hyperspectral imagery -- Global monitoring for environment and security (GMES)/Copernicus framework for Lake Balaton phytoplankton monitoring -- InSAR techniques for land deformation monitoring, land deformation mapping, and humanitarian crisis response -- Mapping land surface displacements in the Swiss Alps with radar interferometry -- Sample supervised search-centric approaches in geographic object- |

based image analysis : concepts, state of the art and a future outlook
-- Remote sensing of wetland dynamics as indicators of water
availability in semi-arid Africa -- Satellite derived information for
drought detection and estimation of water balance.
