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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<br>1-118-79373-0<br>1-118-79378-1  |
| Descrizione fisica      | 1 online resource (418 pages) : illustrations (some color), tables   |
| Disciplina              | 363.348  |
| Soggetti                | Emergency management - Remote sensing<br>Artificial satellites in remote sensing<br>Electronic books.  |
| 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.

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