Wageningen University (Centre for Geo-Information)

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General
Wageningen University and Research Centre (WUR), as an internationally leading education and research organisation, contributes significantly to the quality of life. Its research fields include climate change, sustainable agriculture, food safety, plant and animal, green and blue area, animal health. The Centre for Geo-Information (CGI) is a joint undertaking of the laboratory of Geo-Information Science and Remote Sensing of Wageningen University and the department of Geo-Information of Alterra. The Centre focuses on education, fundamental research and applied research within the Geo-Information domain and as such contributes to the above mentioned themes.
Space activities
Concerning education the centre is in particular focused on the Master programme Geo-Information Science (http://www.mgi.wur.nl/UK). Besides the MSc Geo-Information Science, we also participate in the part-time MSc in Geographical Information Management and Applications (GIMA) (http://www.msc-gima.nl). PhD research is mainly affiliated with the C.T. de Wit Graduate School of Production Ecology & Resource Conservation (PE&RC) (http://www.pe-rc.nl/).
Research always has a fundamental character, but with a clear link to the Wageningen application fields.
Main fields of remote sensing research activities:
Remote Sensing Science
This field deals with quantitative, physical and statistical based retrieval of land surface parameters relevant for multiple monitoring applications and earth system modelling and with improved in-situ data analysis for the next generation remote sensing data and products.
Integrated Land Monitoring
This field deals with the human impact on the Earth’s surface in terms of biodiversity, climate and social-economic processes.
Global context & societal benefits of Earth Observation
This field deals with solutions for policy needs and the increasing role of earth observation in monitoring, reporting and verification. Moreover, it deals with harmonization and validation for large-area land cover assessments.
More information, e.g. on ongoing PhD projects, can be found at: http://www.grs.wur.nl/UK/Research.

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