



Centre de Géosciences – vendredi 14 octobre 2011

Journée thématique : cartographie et télédétection

Amphithéâtre Spork, Institut de Géographie, bât. B11 & parking P12, Sart-Tilman

Time	Title	Authors
8h45	Welcome coffee	
9h	<i>Geographic information system</i>	
9h	Spatial data warehouses and SOLAP: a new GIS technology	Jean-Paul Kasprzyk
9h15	Geological cartography designed in ArcGIS through the example of the Azé region (Burgundy, France)	Sylvain Dechamps
9h30	Hydrogeological mapping of the Walloon Region using a WebGIS	Ingrid Ruthy, Alain Dassargues
9h45	Mapping of background levels in Walloon aquifers	Julie Gesel, Serge Brouyère
10h	<i>Spatial analysis and image processing</i>	
10h	Applications of spatial analysis, remote sensing and 3D geomodelling to assess natural hazards and the potential of geothermal resources	Hans-Balder Havenith
10h15	High scale map update based on an automatic change detection process integrating very high resolution remote sensing imagery and existing cartographic data	Loubna Elmansouri
10h30	Coffee break	
11h	<i>Spatial analysis and image processing</i>	
11h	Engineering geological mapping in Wallonia : present state and recent computerized approach	Delvoie Simon, Piotr Wojda, Jean-Pol Radu, Ingrid Ruthy, Robert Charlier
11h15	Mapping the error due to Image geometric correction	Eric Hallot, Pierre Hallot, Yves Cornet

11h30	Innovative applications	
11h30	Invited talk: Hyperspectral geology from Mars to Earth	Freek Van der Meer
12h	Landslide susceptibility, hazard and risk mapping in Mailuu-Suu, Kyrgyzstan	Almazbek Torgoev
12h15	Applications of the new geological map of Wallonia	Jean-Marc Marion, Bernard Mottequin
12h30	Lunch	
14h	Exploitation of the soil map in Belgium	Gilles Colinet
14h15	Spatial modeling of Nitrogen transfe	Catherine Sohier
14h30	Invited talk: Earthquake and landslide engineering from space	Mark van der Meijde
15h	Sensors and proxys	
15h	Melting trends over the Greenland ice sheet (1979–2009) from spaceborne microwave data and regional climate models	Xavier Fettweis, Marco Tedesco, Michiel van den Broeke, Michel Erpicum
15h30	Coffee break	
15h45	Use of the Anisotropy of Magnetic Susceptibility as a tool for the structural mapping of granitoids: the example of the sveconorwegian postcollisional magmatism	Olivier Bolle, Jacqueline Vander Auwera
16h	Applications of airborne topographic lidar in hydrogeomorphology	Jean Van Campenhout, Anne-Cécile Denis, Geoffrey Houbrechts, François Petit
16h15	Microhabitats survey used in river restoration	Alexandre Peeters, Eric Hallot, Geoffrey Houbrechts, François Petit
16h30	Road temperature mapping during winter nights	Nicolas Jorion, Xavier Pirard, Marc Frédéric, Michel Erpicum
16h45	Finding the "Hydrothermal Highways" in Africa.	André Lambert
17h	Meeting end	

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