

Joint Workshop of EARSeL Special Interest Groups: 3D Remote Sensing Urban Remote Sensing

Wed, 18 Jun 2014 **2014-06-18**

18:30 Gala Dinner
Bristol Hotel

Thu, 19 Jun 2014 2014-06-19

09:00 Opening Session

09:15 3D Session 1 (Mattia Crespi)

room 107

COMPARISON OF HEIGHT MODELS FROM HIGH RESOLUTION AERIAL IMAGES AND FROM LIDAR

Karsten Jacobsen

09:15 - 09:35

Advances in DSM Generation and Higher Level Information Extraction from High Resolution Optical Stereo Satellite Data

Peter Reinartz, Jiaojiao Tian, Thomas Krauß, Tahmineh Partovi, Georg Kuschik, Pablo d'Angelo

09:35 - 09:55

High resolution SAR imagery orthorectification and 3D stereo measurements: development and implementation of an open source Opticks plug-in

Andrea Nascetti, Gabriele Colosimo

09:55 - 10:15

Digital Surface Models from ZiYUAN-3 triplet: performance evaluation and accuracy assessment

Paola Capaldo, Gabriele Murchio, Andrea Nascetti, Martina Porfiri, Francesca Fratarcangeli

10:15 - 10:35

Quantitative modelling of urban changes using Digital Elevation Models in a time series

Cornelis Stal, Alain De Wulf, Philippe De Maeyer, Rudi Goossens, Timothy Nuttens, Frederik Tack, Marijn Hendrickx

10:35 - 10:55

Assessment of the influence of LIDAR data density on 3D building modelling

Wojciech Ostrowski, Wojciech Dominik, Krzysztof Bakula

10:55 - 10:58

Coffee Break

10:58 - 11:30

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11:30 Urban Remote Sensing Session 1 (Carsten Jürgens)

room 107

Remote sensing change detection in urban environment of Graz/Austria with very high resolution UltraCam data

Wolfgang Sulzer, Andreas Salentinig

11:30 - 11:50

DETERMINATION OF URBAN DEVELOPMENT IN ISTANBUL FROM SPECTRALLY UNMIXED LANDSAT IMAGERIES

Cihan Uysal, Derya Maktav, Christopher Small

11:50 - 12:10

Extraction of road using object oriented approach in an urban area

Shailesh Shrestha, Claire Smith, Zbigniew Bochenek

12:10 - 12:30

Object Oriented Classification for Sustainable Urban Mapping using Remote Sensing and GIS.

norzailawati Mohd Noor

12:30 - 12:50

Lunch

13:00 - 14:00

Joint Workshop of EARSeL Special Interest Groups: 3D Remote Sensing Urban Remote Sensing

14:00 3D & Urban Remote Sensing Joint SIGs & Symposium Session
(Carsten Jürgens, Derya Maktav, Mattia Crespi, Karsten Jacobsen)
room 107

Coffee Break

15:30 - 16:00

18:30 Social Dinner, Kompania Piwna, Podwale 25 (Old Town), Warszawa
(35 EUR/person)

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Fri, 20 Jun 2014 2014-06-20

09:00 3D Session 2 (Karsten Jacobsen)

room 107

Global-DEM-based computational identification of suitable sites for reservoir construction

Loukas Papadakis, Thanasis Stamos, Dimitra Vassilaki

09:00 - 09:20

Large Area Covering LiDAR Height Models

Gurcan Buyuksalih, Karsten Jacobsen

09:20 - 09:40

Building Detection with Multi-view Colour Infra-red Imagery

Charles M P Beumier, Mahamadou Idrissa

09:40 - 09:55

Deriving a DTM from a DSM by uniform regions and context

CHARLES M P BEUMIER, Mahamadou Idrissa

09:55 - 10:10

Generic Epipolar Resampling Method for Perspective Frame Camera and Linear Push-broom Sensor

Mahamadou Idrissa, Charles Beumier

10:10 - 10:30

10:30 Poster session

Poster session

10:30 - 11:00

Coffee Break

11:00 - 11:30

11:30 Urban Remote Sensing Session 2 (Derya Maktav)

room 107

The Urban Heat Island of Basel – seen from different perspectives

Eberhard Parlow, Roland Vogt, Christian Feigenwinter

11:30 - 11:50

COMBINING REMOTELY SENSED DATA AND GIS IN MAPPING PROCESS OF URBAN HEAT ISLANDS IN LIBREVILLE CITY IN GABON

Medard Obiang Ebanega, Jean Aurélien Moukana Libongui

11:50 - 12:10

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Hyperspectral discrimination of asbestos-cement roofing

Malgorzata Krowczynska, Ewa Wilk, Piotr Pabjanek, Bogdan Zagajewski, Adrian Ochtyra, Marlena Kycko

12:10 - 12:30

Using Remote Sensing Data in Mobile Robot Navigation in Urban Areas

Okan Okutkan, Derya Maktav

12:25 - 12:28

Urban expansion patterns for Bucharest, Romania

Mihaela Aldea, Florian Petrescu

12:28 - 12:31

Closing Session

12:45 - 13:00

13:00 Lunch