

AGILE 2018

Geospatial Technologies 4 ALL

21st Conference on Geo-information science

Lund 12-15 June, Sweden

Lund University GIS Center

Detailed program

FP = 30 min full paper

SP = 20 min short paper

GC1 = Geocentrum 1

GC2 = Geocentrum 2

Preconference Workshops, Tuesday 12. June, 9:00-18:00	
Opening Reception, Tuesday 12. June, 18:00-20:00	Sölvegatan 12
ESRI Reception, Tuesday 12. June, 20:00	O'Learys, Klostergatan 14B
Welcome, Wednesday 13. June, 9:00-9:30	
<i>Ali Mansourian, Petter Pilesjö</i> <i>Sven Lidin, Dean, Faculty of Science</i>	Room: Aula LUX - Rm. C116
Keynote Speaker, Wednesday 13. June, 9:30-10:30	
Geotechnologies for All: Leaving All for Last <i>Prof. Sara Fabrikant</i>	Room: Aula LUX - Rm. C116
Panel Discussion, Wednesday 13. June, 11:00-12:00	
Conceptualizing a Geospatial Software Institute (GSI) <i>Mike Goodchild, Mike Gould, Marinos Kavouras, Martin Raubal, Monika Sester, Shaowen Wang</i>	Room: Aula LUX - Rm. C116
Paper Session, Wednesday 13. June, 12:20-13:00	
1a Analysis of Big Spatial Data	
Modelling massive AIS streams with quad trees and Gaussian Mixtures (SP) <i>Anita Graser, Peter Widhalm</i>	Chair: Lars Bernard Room: Världen GC1 - Rm. 111
The impact of different statistical parameter values between point based datasets when assessing spatial relationships (SP) <i>Rene Westerholt</i>	
1b Social media applications	
Cross-checking user activities in multiple geo-social media networks (SP) <i>Levente Juhász, Hartwig Hochmair</i>	Chair: Bin Jiang Room: Pangea GC2 - Rm. 229
Geocoding of Crisis Related Social Media Messages for Assessing Voluntary Help Efforts as a Contribution to Situational Awareness (SP) <i>Sebastian Drost, Andreas Wytzisk, Albert Remke</i>	
1c Model Web, Geospatial Workflows and Service Composition	
Towards 1015-level point clouds management - a nD PointCloud approach (SP) <i>Haicheng Liu, Peter van Oosterom, Martijn Meijers, Edward Verbree</i>	Chair: Tapani Sarjakoski Room: Atmosfären GC2 - Rm. 209
Application of open hydro-meteorological data for web-based analysis and processing (SP) <i>Stefan Wiemann</i>	
1d SDI Education and Training	
Running a Spatial Data Infrastructure for Interdisciplinary Research - How we did it & what we learned so far (SP) <i>Stefan Steiniger, Helen de la Fuente</i>	Chair: Danny Vandenbroucke Room: Rodinia GC2 - Rm. 243
Geospatial expertise, cooperation networks and development potential in Tanzania (SP) <i>Niina Kayhko, Christopher William, Joseph Mayunga, Makame Omar Makame, Ernest Mauya</i>	
1e Spatiotemporal Modelling and Analysis	
Examining the impact of new metro services on dockless bike sharing mobility patterns (SP) <i>Yuanxuan Yang, Alison Heppenstall, Andy Turner, Alexis Comber</i>	Chair: Micael Runnström Room: Baltica GC2 - Rm. 237
3D immersive Underground Navigation (SP) <i>Alexandre Devaux, Quoc Dinh Nguyen, Mathieu Bredif, Didier Richard</i>	
Paper Session, Wednesday 13. June, 14:00-15:30	
2a Volunteered Geographic Information	
Development of System for Real-time Collection, Sharing, and Use of Disaster Information (FP) <i>Toshihiro Osaragi, Ikki Niwa</i>	Chair: Lars Harrie Room: Världen GC1 - Rm. 111
Supporting the monitoring of cheetahs in Kenya by mobile map apps (FP) <i>Gertrud Schaab, Jan Jedersberger, Christian Stern, Mary Wykstra</i>	
Introducing Spatial Variability to the Impact Significance Assessment (FP) <i>Rusne Sileryte, Jorge Gil, Alexander Wandl, Arjan van Timmeren</i>	
2b Data Mining and Knowledge Discovery	
Towards Automatic Extraction of Cartographic Metadata from the Code of Online Maps (SP) <i>Florian Ledermann</i>	Chair: Carsten Kessler Room: Pangea GC2 - Rm. 229
Cluster analysis for the derivation of agents for ABMs in the context of an ageing, super-diverse population: a mixed-methods approach (SP) <i>Hannah Haacke, Friederike Enssle, Ilse Helbrecht, Tobia Lakes, Blake Byron Walker</i>	
Spatial Patterns for Crime Spots (SP) <i>Emmanuel Papadakis, Alina Ristea</i>	
Towards Spatial Knowledge Infrastructure (SKI): Technological Understanding (SP) <i>Ara Toomanian, Morteza Omidipour, Najme Neysani Samani</i>	
2c Way Finding, Routing and Indoor Navigation	
Icon-based Navigation (SP) <i>Kai-Florian Richter, Arvid Hornet, Kristoffer Karlsson</i>	Chair: Sabine Timpf Room: Atmosfären GC2 - Rm. 209
Towards automatically generating maps for wayfinding and orientation (SP) <i>Heinrich Löwen, Jakub Krukar, Angela Schwering</i>	
Mental representation of space in Agent Based Models for pedestrian movement in urban environments: A conceptual model (SP) <i>Gabriele Filomen, Judith Verstegen</i>	
Automated Enrichment of Routing Instructions (SP) <i>Oskar Wage, Udo Feuerhake, Monika Sester</i>	
2d Natural Resources Management and Monitoring	
Simulating multiple land use changes by incorporating deep belief network into cellular automata: a case study in Beijing-Tianjin-Hebei region, China (SP) <i>Cong Ou, Jianyu Yang, Zhenrong Du, Pengshan Li, Dehai Zhu</i>	Chair: Robert Weibel Room: Rodinia GC2 - Rm. 243
A spatial analysis of how measures of landscape wilderness correlate with crowdsourced perceptions of scenicness (SP) <i>Yi-Min Chang Chien, Alexis Comber, Steve Carver</i>	
Efficient Geostatistical Simulation for Spatial Uncertainty Propagation (SP) <i>Phaedon Kyriakidis, Stelios Liodakis and Petros Gaganis</i>	
Geospatial behavior of pollinators (SP) <i>Alícia Marquès, Andreu Juan, Ruiz Maurici, Anna Traveset, Mar Leza</i>	

2e Spatial data infrastructure	Chair: Ali Mansourian
Mapping the landscape of Open Geodata (SP) <i>Matthias Hinz , Ralf Bill</i>	Room: Baltica GC2 - Rm. 237
Prospect of Open SDI in Developing Countries Case Study: Indonesia <i>Agung Indrajit , Bastiaan van Loenen, Peter van Oosterom</i>	
The Need of a High Resolution European Spatial Data Infrastructure for Unmanned Aerial System Mission Planning & Risk Assessment (SP) <i>Gernot Paulus , Karl-Heinrich Anders, Dariia Strelnikova, Tamara Preduschnig, Kurt A. Wagner</i>	
Societal costs and benefits of high-value open government data: a case study in the Netherlands (SP) <i>Frederika Welle Donker , Bastiaan van Loenen</i>	
2f Spatiotemporal Data Acquisition, Modelling, and Analysis	Chair: Michael Gould
Kernel Density Estimation (KDE) vs. Hot-Spot Analysis - Detecting Criminal Hot Spots in the City of San Francisco (SP) <i>Maja Kalinic , Jukka M. Krisp</i>	Room: Hydrosfären GC1 - Rm. 108
Tradition as a Spatiotemporal Process – The Case of Swedish Folk Music (SP) <i>Franz-Benjamin Mocnik</i>	
Spatiotemporal analysis and scenario's simulation of agricultural land use land cover using GIS and a Markov chain model (SP) <i>Cláudia M. Viana , Jorge Rocha</i>	
A time-varying p-median model for location-allocation analysis (SP) <i>Shahin Sharifi Noorian , Achilleas Psyllidis, Alessandro Bozzon</i>	
Paper Session, Wednesday 13. June, 16:00-17:00	
3a Volunteered geographic information	Chair: Michael Worboys
Charting the geographies of crowdsourced information in Greater London (FP) <i>Stefano De Sabbata , Andrea Ballatore</i>	Room: Världen GC1 - Rm. 111
3D georeferencing of historical photos by volunteers (FP) <i>Timothee Produit , Jens Ingensand</i>	
3b Spatiotemporal Data Modelling and Data Mining	Chair: Monika Sester
An Online Top-Down Algorithm with Free Distance Parameter for Mining Top-k Flock Patterns (FP) <i>Denis Sanches, Luis Alvares, Vania Bogorny, Marcos Vieira, Daniel Kaster</i>	Room: Pangea GC2 - Rm. 229
A Personalized Location-based and Serendipity-oriented Point of Interest Recommender Assistant Based on Behavioral Patterns (FP) <i>Mahdi Farnaghi , Samira Khoshahval, Mohammad Taleai, Ali Mansourian</i>	
3c Earth Observation Systems: Algorithms and Applications	Chair: Marek Baranowski
Geostatistical Detection of Thermodynamic Anisotropy in an Atmospheric Boundary Layer Using Small Unmanned Aircraft Systems (SP) <i>Benjamin Hemingway , Amy Frazier</i>	Room: Atmosfären GC2 - Rm. 209
Training SegNet for Cropland Classification of High Resolution Remote Sensing Images (SP) <i>Zhenrong Du, Jianyu Yang, Weiming Huang, Cong Ou</i>	
Estimation of Root Systems using Satellite Remote Sensing (SP) <i>Hanna Ekström , Malin Ahlbäck, Maya Ahlgren, Malin Hansson, Iris Mužić, Nike Rosenström, Franziska Weichert, Petter Pilesjö</i>	
3d Environmental/Ecological and Urban/Regional Modelling	Chair: Jens Ingensand
Real-time predictions of pesticide runoff risk: linking multi-scale runoff models and weather data APIs to improve water quality (SP) <i>Alexis Comber , Adrian Collins, David Haro, Tim Hess, Andy Smith, Andy Turner, Yusheng Zhang</i>	Room: Rodinia GC2 - Rm. 243
The effect of geographical distance on community detection in flow networks (SP) <i>Sebastijan Sekulić , Urška Demšar, Jed Long</i>	
Combining Agent Based Modelling and Role Playing to develop sustainable shrimp farming (SP) <i>Arend Ligtenberg , Roel Bosman, Romina Rodela, Tri Van Pham Dang, Hiep Tong Quoc, Ha Tran Thi Phung, Phuong Nguyen Thi Huynh, Arnold Bregt</i>	
3e Disaster and Risk Management	Chair: Phaedon Kyriakidis
Information Value Model based Landslide Susceptibility Mapping at Phuentsholing, Bhutan (SP) <i>Sangey Pasang, Petr Kubíček</i>	Room: Baltica GC2 - Rm. 237
A Platform for Coordinating Voluntary Helpers in Disaster Response (SP) <i>Sebastian Drost, Matthes Rieke, Simon Jirka, Hans Betke</i>	
Spatially Explicit Sensitivity and Uncertainty Analysis for the landslide risk assessment of the Gas Pipeline Networks (SP) <i>Omid Ghorbanzadeh , Bakhtiar Feizizadeh, Thomas Blaschke, Rasa Khosravi</i>	
Poster Session, Wednesday 13. June, 17:00-18:00	
Keynote Speaker, Thursday 14. June, 9:00-10:00	
Taming complexity: Dynamics in Geographic Information Systems <i>Prof. Terry Dawson</i>	Room: Aula LUX - Rm. C116
AGILE Annual Meeting, Thursday 14. June, 10:00-11:00	
<i>AGILE council</i>	Room: Aula LUX - Rm. C116
Paper Session, Thursday 14. June, 11:30-13:00	
4a OpenStreetMap	Chair: Mike Jackson
Land-use characterisation using Google Street View pictures and OpenStreetMap (SP) <i>Shivangi Srivastava , Devis Tuia, Sylvain Lobry, John Edgar Vargas Muñoz</i>	Room: Världen GC1 - Rm. 111
The Effect of Plate Tectonics on OpenStreetMap Data (SP) <i>Franz-Benjamin Mocnik , Martin Raifer</i>	
Analysis of the introduction of a review request mechanism in OSM (SP) <i>Nikola Davidovic, Peter Mooney and Leonid Stoimenov</i>	
Investigating gender differences in OpenStreetMap activities in Malawi: a small case-study (SP) <i>Zoe Gardner, Peter Mooney</i>	
4b Spatiotemporal Data Modelling and Data Mining	Chair: Alexis Comber
Identifying and Interpreting Clusters of Persons with Similar Mobility Behaviour Change Processes (FP) <i>David Jonietz , Dominik Bucher, Henry Martin and Martin Raubal</i>	Room: Pangea GC2 - Rm. 229
Patterns of consumption and connectedness in GIS Web sources (FP) <i>Andrea Ballatore , Simon Scheider, Rob Lemmens</i>	
A Framework for the Management of Deformable Moving Objects (FP) <i>José Duarte , Paulo Dias, José Moreira</i>	
4c GIScience Education	Chair: Karin Larsson
Brain Drain or Brain Gain? Insights from an Erasmus Mundus Masters Program (SP) <i>Christoph Brox , Sven Casteleyn, Christian Kray, Marco Painho, Joaquin Huerta, Werner Kuhn</i>	Room: Atmosfären GC2 - Rm. 209
Harmonizing GIS Education South - North Lessons learnt from Mozambique, Rwanda, Sweden, and Uganda (SP) <i>Petter Pilesj, Ali Mansourian, Andrey Shindyapin, Antonio Alfredo Assane, Ernesto Lenathe Muheca, Gaspard Rwanyiziri, John Mugisha, Yazidhi Bamutaze, Bob Nakileza, Gilbert Maiga, Lydia Mazzi Kayondo</i>	
Augmented reality technologies for biodiversity education – a case study (SP) <i>Maryam Lotfian , Jens Ingensand, Sarah Composto, Olivier Ertz, Mathias Oberson, Simon Oulevay, David Piot</i>	
The Living Textbook: Towards a new way of Teaching Geo-Science (SP) <i>Ellen-Wien Augustijn , Rob Lemmens, Marie-Jose Verkroost, Stanislav Ronzhin</i>	

4d Data quality and spatial analyses	Chair: Tiina Sarjakoski
A positional quality control test based on proportions (FP) <i>Francisco Javier Ariza-López, José Rodríguez Avi, María Virtudes Alba Fernández</i>	Room: Rodinia
Evaluating spatial data acquisition and interpolation strategies for river bathymetries (FP) <i>Robert Krüger, Pierre Karrasch, Lars Bernard</i>	GC2 - Rm. 243
Optimization and Evaluation of a High Performance Open-Source Map-Matching Implementation (FP) <i>Karl Rehl, Simon Gröchenig, Michael Wimmer</i>	
4e Health GIS and Spatial Epidemiology	Chair: Ara Toomanain
Using socio-economic wellbeing to predict geospatial epidemic intensity in a developing country setting (SP) <i>Sanya Rahman, Ernest Mwebaze</i>	Room: Baltica
Integrated location-allocation of private car and public transport users – Primary health care facility allocation in Oulu region in Finland (SP) <i>Ossi Kotavaara, Timo Pohjosenperä, Jarmo Rusanen</i>	GC2 - Rm. 237
A preliminary study design for collecting reference data set for physical activity type classification (SP) <i>Hoda Allahbakhshi, Haosheng Huang, Robert Weibel</i>	
Spatial Data Infrastructure Using Mobile Gis and Web service technologies for Public Health Management (SP) <i>Rose Nakasi, Augustus Aturinde, Aminah Zawedde, Ernest Mwebaze, Gilbert Maiga</i>	
4f Environmental/Ecological and Urban/Regional Modelling	Chair: Fredrik Lindberg
Comparison among three automated calibration methods for cellular automata land use change model: GA, PSO, and MCMC (SP) <i>Ahmed Mustafa, Ismail Saadi, Amr Ebaid, Mario Cools, Jacques Teller</i>	Room: Hydrosfären
An improved European land use/cover map derived by data integration (SP) <i>Konstantín Rosina, Sérgio Freire, Marcello Schiavina</i>	GC1 - Rm. 108
Collaboration of Science, Practice and Citizens in the Field of Climate Change Adaptation, supported by Interactive GI-Tools (SP) <i>Hardy Pundt</i>	
The need for county masks for future national greenhouse gas flux estimations (SP) <i>Lars Harrie, Ute Karstens, Huiting Huang</i>	
Special Presentation, Thursday 14. June, 14:00-15:00	
Reimagining the history of GIS <i>Prof. Michael Goodchild</i>	Room: Aula LUX - Rm. C116
Paper Session, Thursday 14. June, 15:00-16:30	
5a Smart cities	Chair: David Tenenbaum
Mapping cyclists' routes: involving citizens in collecting open cycling data (SP) <i>Diego Pajarito, Suzanne Maas, Maria Attard, Michael Gould</i>	Room: Världen
Establishing Open Data Portals in the Process of Becoming Smart Cities (SP) <i>Lars Bodum</i>	GC1 - Rm. 111
CityGML based Non-photorealistic Visualization Framework for Energy Simulation (SP) <i>Bo Mao, Yifang Ban, Björn Laumert</i>	
Do people develop activities at places in which citizens have a sense of place? (SP) <i>Albert Acedo, Fernando Santa, Marco Painho, Roberto Henriques</i>	
5b Natural Resource Management and Earth Observation	Chair: Ron van Lammeren
Mapping and Monitoring of Mangroves and Vulnerable Islands in World Heritage Site of Sundarban, India (FP) <i>Biswajit Mondal, Ashis Kumar Saha</i>	Room: Pangea
An Artificial Stream Network and Its Application on Exploring The Effect of DEM Resolution on Hydrological Parameters (FP) <i>Haicheng Liu</i>	GC2 - Rm. 229
Interpolation of rainfall through polynomial regression in the Marche Region (Central Italy) (FP) <i>Matteo Gentilucci, Carlo Bisci, Peter Burt, Massimiliano Fazzini, Carmela Vaccaro</i>	
5c Cognitive Aspects of Human-Computer Interaction for GIS	Chair: Kai-Florian Richter
Visualizing The Semantic Similarity of Geographic Features (SP) <i>Gengchen Mai, Krzysztof Janowicz, Sathya Prasad, Bo Yan</i>	Room: Atmosfären
Sketch maps and verbal descriptions in structuring space (SP) <i>Jia Wang, Rui Li</i>	GC2 - Rm. 209
Towards the use of a 3D virtual globe to support public participatory decision making (SP) <i>Thibaud Chassin, Jens Ingensand, Florent Joerin</i>	
A Pattern-based Framework for Designing Location-based Games (SP) <i>Thomas Heinz, Christoph Schlieder</i>	
5d Urban Modelling	Chair: Andreas Persson
Geographic patterns of Annual Average Daily Traffic in Mallorca (SP) <i>Christian Esteve Burgos, Maurici Ruiz, Cristian Esteve, Joana Maria Segui</i>	Room: Rodinia
Integrating rule-based approach and urban density index for improving object-based urban land cover classification using WorldView-2 Data (SP) <i>Theodomir Mugiraneza, Yifang Ban, Andrea Nascetti, Jan Haas</i>	GC2 - Rm. 243
From place of residence to place of activity: towards spatiotemporal mapping of population density in Europé (SP) <i>Filipe Batista e Silva, Konstantin Rosina, Marcello Schiavina, Mario Marin, Sérgio Freire, Lukasz Ziemia, Massimo Craglia, Carlo Lavallo</i>	
Experiences of Event Visitors in Time and Space: GPS Tracking at Dutch Design Week (SP) <i>Gamze Dane</i>	
5e Integration and modeling of geospatial data	Chair: Jan-Henrik Haurert
Generic Schema Descriptions for Comma-Separated Values Files of Environmental Data (SP) <i>Stephan Mäs, Daniel Henzen, Lars Bernard, Simon Jirka, Matthias Müller, Ivo Senner</i>	Room: Baltica
Multiple Representation for Geospatial Linked Data (SP) <i>Weiming Huang, Eiður Eiðsson and Lars Harrie</i>	GC2 - Rm. 243
An Abstract Specification Technique for the Publication of Linked Geospatial Data (SP) <i>Gilles Falquet, Claudine Metral, Sylvain Ozaine, Gregory Giuliani</i>	
Topological Reconstruction of 3D City Models with preservation of semantics (SP) <i>Stelios Vitalis, Jantien Stoter, Ken Arroyo Ohori</i>	
Poster Session, Thursday 14. 2018 June, 16:30-18:00	
Keynote Speakers, Friday 15. June, 9:00-10:00	
Torsten Hägerstrand and the Landscape Context of Time Geography <i>Prof. Tomas Germundsson</i>	Room: Aula LUX - Rm. C116
Geodata for the Future Information Management of the Built Up Environment <i>Prof. Ronny Anderson</i>	

Friday 15. June, 10:00-11:00

6 Best short paper session

- Exploring microtoponyms through linguistic and geographic perspectives (SP)
Julia Villette , Ross S. Purves
- Opinion mining from Twitter and spatial crime distribution for hockey events in Vancouver (SP)
Alina Ristea , Michael Leitner, Martin Andresen
- Sponsor: SVisualizer - Your Absolute 3d Creation Toolset
Miso Iric , Complete 3d

Chair: Petter Pilesjö
Room: Aula
LUX - Rm. C116

Friday 15. June, 11:30-13:00

7 Best full paper session

- PLANTING: Computing High Spatio-Temporal Resolutions of Photovoltaic Potential of 3D City Models (FP)
Syed Monjur Murshed , Amy Lindsay, Solène Picard, Alexander Simons
- Animation as a Visual Indicator of Positional Uncertainty in Geographic Information (FP)
Carsten Keßler, Enid Lotstein
- Mixed Traffic Trajectory Prediction Using LSTM-Based Models in Shared Space (FP)
Hao Cheng, Monika Sester

Chair: Martin Raubal
Room: Aula
LUX - Rm. C116

Posters, 13. June, 16:00-18:00, 14. June, 16:30-18:00

- Fractal or scaling analysis of geographic forms and their nonlinearity
Ding Ma
Chair: Fred Toppen
GC2
- SEnviro for Agriculture: An IoT full stack for monitoring vineyards – Early steps
Sergi Trilles, Alberto González-Pérez , F. Javier Zarazaga-Soria, Joaquín Huerta
- Detection of spatial clusters in poor quality of diabetes control: defining hotspots as High-High and High-Low levels
Tain-Junn Cheng , Tsu-Yun Chiu, Tsung-Hsueh Lu
- Sharing building information from planning to maintenance phases
Jing Sun, Helen Eriksson, Lars Harrie , Anna Jensen
- Spatial distribution of population and health benefit evaluation for effectiveness of PM2.5 control measures in Taiwan
Pei-Chih Wu , Hsin-Chih Lai, Li-Wei Lai, Joshua S. Fu
- Structure Entropy for Urban Street Networks
Jerome Benoit , Saif Eddin Jabari
- Conversion of an IFC-model to a lod2-3 3D-GIS building model
Perola Olsson
- GIS in Action: Conservation Priority Evaluation at District and Village Levels in Laos
Mui-How Phua , Su Wah Hue, Alexius Korom, Vongphet Sihapanya
- Spatial estimation of municipal household wastes by integrating multiple geographical big data and social survey
Xiaoqian Liu, Bin Meng, Juan Wang
- Methods for comparing two observed confusion matrices
José Rodríguez-Avi , Francisco Javier Ariza López, María Virtudes Alba-Fernández
- TopicWave: Interactive Visual Analytics of Spatiotemporal Topics Distribution of People's Reactions to Events from Geo-tagged Social Media
Siming Chen , Jie Li, Natalia Andrienko, Gennady Andrienko
- How should Orientation Maps look like?
Heinrich Löwen, Jakub Krukar, Angela Schwering
- Vesta: a spatial energy model for heat supply in the built environment in the Netherlands
Sebastiaan van Bommel , Ruud van den Wijngaart, Steven van Polen
- Distributed generation of image pyramids for web map services
Daniel Eggert , Mike Sips, Doris Dransch
- Promoting Walking and Cycling through a Dashboard Interface
Mark Dimond, David Golightly, Nancy Hughes, Sarah Shaples, Emma Taylor
- A Real-time GIS to Improve the Survival of Sudden Cardiac Arrest Outside Hospitals
Bo Mao , Yifang Ban
- Simulating urban dynamics from the bottom up: the City Simulation Lab
Erika Speelman, Arend Ligtenberg
- Suitability maps for tropical plants based on solar irradiation – a decision support tool for botanic gardens
Paula Redweik , Maria-Cristina Duarte
- Designing a Geospatial Technologies-Enabled Eastern Mediterranean Science, Engineering and Technology Centre of Excellence for Archaeology and Cultural Heritage
Phaedon Kyriakidis , Athos Agapiou, Vasiliki Lysandrou
- The deployment of a generic user-oriented participatory sensing framework in a real-world context
Sven Casteleyn , Manh Khoi Ngo
- Spatiotemporal predation patterns of insect herbivores in Subarctic
Karolina Pantazatou, Daniel B. Metcalfe, Jeppe Å. Kristensen
- A Comparison study of Multi-objective Optimization for GIS-based resources allocation problem in Disaster management
Olive Niyomubyeyi
- 3D Virtual Campus - FCUL: an integrated system for university services management
Cristina Catita , Luiz Coutinho, Hugo Miranda
- An Assessment of spatial dimensions of police-reported crime and sub-regional characteristics in Akwa Ibom state, Nigeria
Elijah A. Njoku , Patrick Etim Akpan, Uduak Okon Jeremiah
- Spatial Vision Analysis of Non Spatial Data
Rui Xin, Tinghua Ai, Min Yang
- Coping with urban floods: a special decision-support system to improve resilience
Charlotte Heinzlef, Vincent Becue, Damien Serre
- Mapping of Prevalence of Nodding Syndrome and Associated Epilepsy Reporting in Uganda: Spatial – Temporal Approach
Ongaya Kizito , Paul Ssemaluulu, Benedict Oyo, Gilbert Maiga
- A Comparison of Spatial Aggregation Methods for the Derivation of Proportional Symbol Maps
Dirk Burghardt, Mathias Gröbe
- Geographic information and communication technologies for supporting smallholder agriculture
Billy Tusker Haworth, Eloise Biggs, John Duncan, Nathan Wales, Bryan Boruff, Eleanor Bruce
- Community Mapping for Flood Resilience
Msilikale Msilanga
- VGI users & data centered methods for the analysis of farmland biodiversity indicators open issues
Aurélien Besnard, Elodie Edoh-Alove, Ali Hassan, Karine Prince, Amir Sakka, Pascale Zarate
- The role of environmental characteristics for drainage network delineation
Yanzi Yan , William Lidberg, Petter Pilesjö