

## JOURNAL OF GEODETIC SCIENCE



Novi geodetski časopis *Journal of Geodetic Science (JGS)* počeo je izlaziti 2011. godine. Namijenjen je objavljivanju rezultata istraživanja u teorijskoj i primijenjenoj geodeziji. Navedena su ova područja: fizikalna, matematička i satelitska geodezija, GNSS, satelitska geodezija i gravimetrija, deformacijska analiza, geodetske mreže, inženjerska geodezija, planetarna geodezija, geodinamika.

Izdavač časopisa je *Versita* u suradnji s *Royal Institute of Technology (KTH)*, Stockholm. *Versita* je osnovana 2002. godine sa zadaćom objavljivanja rezultata znanstvenih istraživanja u središnjoj i istočnoj Europi. Njezin izdavački program uključuje i objavljivanje knjiga i časopisa s otvorenim pristupom (*Versita Open*). *Versita Open* danas uključuje oko 200 časopisa s otvorenim pristupom i drugi je najveći izdavač te vrste literature na svijetu.

Predviđeno je da *JGS* godišnje izlazi u četiri broja. Do danas (listopad 2011) objavljena su prva tri broja. Na mrežnim stranicama časopisa (<http://versita.com/jgs/>) preko natuknice *Read* dostupni su cjeloviti tekstovi svih do sada objavljenih članaka. Stranice sadrže i vrlo detaljne upute autorima (*Submit*).

Radi ilustracije tematike koja se u časopisu objavljuje izdvojio sam iz svakog od prva tri broja po jedan članak.

- M. Mashhadi Hossainali, M. Becker, E. Groten: Comprehensive approach to the analysis of the 3D kinematics deformation with application to the Kenai Peninsula, 2011, 1.
- L. E. Sjöberg: On the definition and realization of a Global Vertical Datum, 2011, 2.
- K. R. Koch: Digital images with 3D geometry from data compression by multi-scale representations of B-spline surfaces, 2011, 3.

*Nedjeljko Frančula*

## IZ STRANIH ČASOPISA

### **Allgemeine Vermessungs-Nachrichten, Vol.118, No.10., 2011.**

- Die Erfassung unterirdischer Schachtanlagen mittels Laserscanning. Marcel Fuß, Rudolf Staiger.
- Integration eines terrestrischen Laserscanners in ein hydrographisches Multi-Sensor-System für die kinematische Datenerfassung über und unter Wasser. Thomas Kersten, Volker Böder, Thomas Thies.
- Mobile 3D Mapping mit einem low-cost UAV-System am Beispiel der Deponievermessung. Frank Neitzel, Jörg Klonowski, Sebastian Siebert, Jan-Philipp Dasbach.
- Die FOCUS 30 Totalstation von Spectra Precision – Neue Technologien in der Tachymeter Entwicklung. Torsten Kludas, Michael Vogel, Bernd Donath, Andreas Glimm, Hermann Göring.
- GNSS-Informationen. Matthias Becker, Wolfgang Söhne.

**Geoinformatica, Vol.15, No.4., 2011.**

- Ontology-driven discovery of geospatial evidence in web pages. Karla A. V. Borges, Clodoveu A. Davis, Alberto H. F. Laender and Claudia Bauzer Medeiros. 609.-631.
- Representing topological relationships for spatiotemporal objects. Erlend Tøssebro and Mads Nygård. 633.-661.
- Special section on spatial and temporal databases. Nikos Mamoulis and Thomas Seidl. 435.-454.
- A data model and query language for spatio-temporal decision support. Leticia Gómez, Bart Kuijpers and Alejandro Vaisman. 663.-664.
- Spatial skyline queries: exact and approximation algorithms. Mu-Woong Lee, Wanbin Son, Hee-Kap Ahn and Seung-won Hwang. 665.-697.
- Approximate and exact hybrid algorithms for private nearest-neighbor queries with database protection. Gabriel Ghinita, Panos Kalnis, Murat Kantarcioglu and Elisa Bertino. 699.-726.
- MOVIES: indexing moving objects by shooting index images. Jens Dittrich, Lukas Blunschi and Marcos Antonio Vaz Salles. 727.-767.
- Editing and versioning for high performance network models in a multiuser environment. Petko Bakalov, Erik Hoel, Wee-Liang Heng, Sudhakar Menon and Vassilis J. Tsotras. 769.-803.

**Geomatics Info Magazine (GIM International), Vol.25, No.11., 2011.**

- High-precision GNSS Receivers: The benefits and availability of new signals and systems. Nuria Blanco-Delgado.
- Lidar Online: Analysing Earthquake Damage Online Availability of Information is Invaluable After Natural Disasters. Rafa Torró, José Carlos Garcia and Ramón Pablo Garcia.
- Survey Accuracy: Furthering Dialogue on 'Towards Cadastre 2034'. Rohan Bennett and Paul van der Molen.

**Journal of Geodesy, Vol. 85, No.11., 2011.**

- GOCE – The Gravity and Steady-state Ocean Circulation Explorer. Reiner Rummel. 747.
- Mission design, operation and exploitation of the gravity field and steady-state ocean circulation explorer mission. Rune Floberghagen, Michael Fehringer, Daniel Lamarre, Danilo Muzi and Björn Frommknecht, et al. 749.-758.
- GOCE level 1b data processing. Björn Frommknecht, Daniel Lamarre, Marco Meloni, Alberto Bigazzi and Rune Floberghagen. 759.-775.
- GOCE gravitational gradiometry. Reiner Rummel, Weiyong Yi and Claudia Stummer. 777.-790.
- GOCE gravitational gradients along the orbit. Johannes Bouman, Sophie Fiorot, Martin Fuchs, Thomas Gruber and Ernst Schrama, et al. 791.-805.
- GPS-derived orbits for the GOCE satellite. Heike Bock, Adrian Jäggi, Ulrich Meyer, Pieter Visser and Jose van den IJssel, et al. 807.-818.
- First GOCE gravity field models derived by three different approaches. Roland Pail, Sean Bruinsma, Federica Migliaccio, Christoph Förste and Helmut Goiginger, et al. 819.-843.
- Validation of GOCE gravity field models by means of orbit residuals and geoid comparisons. Th. Gruber, P. N. A. M. Visser, Ch. Ackermann and M. Hosse. 845.-860.

- A global mean dynamic topography and ocean circulation estimation using a preliminary GOCE gravity model. P. Knudsen, R. Bingham, O. Andersen and Marie-Helene Rio. 861.-879.
- IAG Newsletter. Gyula Tóth. 881.-884.

#### **Survey Review, Vol.43, No.4, 2011.**

- Post-Tsunami Land Administration Reconstruction in Aceh: Aspects, Status and Problems. Abidin, H.Z.; Santo, D.; Haroen, T.S.; Heryani, E. 439.-450.
- Microwave Path Survey Using Differential GPS. Kiema, J.B.K.; Siriba, D.N.; Ndunda, R.; Mutua, J.; Musyoka, S.M.; Langat, B. 451.-461.
- Monitoring Steep Slope Movement at Xiaowan Dam with GPS Multi-antenna Method. He, Xiufeng; Jia, Dongzhen; Sang, Wengang. 462.-471.
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- The History of the Broadarrow and its Use in the Antipodes. Taylor, David. 493.-504.
- Land Administration in a Micro-State: The Role of Land Use Planning. Wyatt, P. 505.-522.
- L1 Norm Minimization in GPS Networks. Yetkin, M.; Inal, C. 523.-532.

#### **Zeitschrift für Geodäsie, Geoinformation und Landmanagement, Vol.136, No.5., 2011.**

- Berücksichtigung des Artenschutzes und von Natura-2000 in der Flurbereinigung in Rheinland-Pfalz. Martin Schumann und Sabine Haas.
- Das kommunale Nachhaltigkeitsverständnis und die Umsetzung des Nachhaltigkeitsleitbildes in strukturschwachen ländlichen Räumen. André Riesner.
- Reduzierung des Flächenverbrauchs durch nachhaltiges Flächenmanagement – Erfahrungen aus Sachsen-Anhalt. Hubertus Bertling und Harald Lütke-meier.
- Ganzheitliche Flächenpotenzialanalyse für Erneuerbare Energien – eine Chance für das Landmanagement. Martina Klärle, Ute Langendörfer und Sandra Lanig.
- GIS-basierte Sichtbarkeitsanalysen. Ein Vergleich von digitalen Gelände- und Landschaftsmodellen als Eingangsdaten von Sichtbarkeitsanalysen. Marc-André Täuber und Michael Roth.
- Die Neuvermessung der Stadt Leipzig seit 1884 unter Leitung von Christian August Nagel. Claudia Müller-Lorek und Thomas Zehne.
- On the Numerical Problems of Spherical Harmonics: Numerical and Algebraic Methods Avoiding Instabilities of the Associated Legendre's Functions. Michal Šprlák.

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