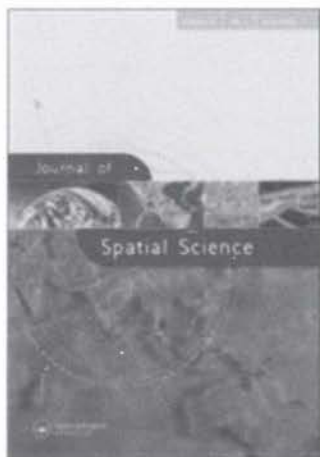


JOURNAL OF SPATIAL SCIENCE



Journal of Spatial Science objavljuje izvorne i pregledne znanstvene članke koji doprinose teoriji i praksi prostorne znanosti. Časopis objavljuje i stručne članke iz područja kartografije, satelitske i fizikalne geodezije, geoinformacijske znanosti, hidrografije, fotogrametrije, daljinskih istraživanja i primijenjene geodezije. Kao što je iz navedenog vidljivo, časopis objavljuje radove iz svih grana geodezije i može se smatrati univerzalnim geodetskim časopisom.

Izdavači časopisa su *Mapping Sciences Institute, Australia, Surveying & Spatial Sciences Institute* i *Taylor & Francis*. Pod različitim imenima (prethodno *Cartography, Australian Surveyor* i *Geomatics Research Australasia*) časopis izlazi već 56 godina. Godišnje izlaze dva sveska. Cjeloviti tekstovi nisu besplatno dostupni na internetu. Sažeci objavljenih članaka od 2004. do danas mogu se pročitati na mrežnim stranicama časopisa: <http://www.tandf.co.uk/journals/TJSS> (Online Contents).

Journal of Spatial Science je uvršten u uglednu citatnu bazu *Science Citation Index Expanded* i ima faktor odjeka za 2009. godinu $IF=0,364$ te je prema tome jedan od rijetkih univerzalnih geodetskih časopisa s faktorom odjeka.

Za ilustraciju tematike koja se u časopisu obrađuje navodimo naslove pet izvornih znanstvenih članaka (*Research Papers*) objavljenih u posljednjem broju (2011, br. 1):

- B. J. Coutts: *Disciplinary principles for cadastral surveyors: a case study in Australia and New Zeland*, 2011, 1.
- G. Campbell: *A principles-based approach to cadastral reinstatement for Australian jurisdictions*, 2011, 1.
- N. J. Brown, W. E. Featherstone, G. Hu, G. M. Johnston: *AUSGeoid09: a more direct and more accurate model for converting ellipsoidal heights to AHD heights*, 2011, 1.
- M. S. Filmer, W. E. Featherstone: *Error propagation for three common height-system corrections to differential levelling*, 2011, 1.
- T. J. Oyana, R. I. Rushomesa, L. M. Bhatt: *Using diffusion-based cartograms for visual representation and exploratory analysis of plausible study hypotheses: the small and big belly effect*, 2011, 1.

Nedjeljko Frančula

IZ STRANIH ČASOPISA

Acta Geodaetica et Geophysica Hungarica, Vol.46, No.1., 2011.

- Seismo-ionospheric disturbance using principal component analysis – A study of Japan's Iwate-Miyagi Nairiku earthquake on 13 June 2008. J. –W. Lin. 1.-9.
- Study of night time VHF ionospheric scintillations near the crest of equatorial Appleton anomaly Indian Station, Udaipur (24.6°N, 73.7°E). B. M. Vyas and B. Dayanandan. 10.-24.
- A combined global Moho model based on seismic and gravimetric data. M. Eshagh, M. Bagherbandi and L. E. Sjöberg. 25.-38.

- Theoretical deformations of the Earth's crust induced by the polar motion – A case study of New Zealand. Y. Marinovich and R. Tenzer. 39.-49.
- The relationship between the Hungarian local and global geodetic reference frames estimated together with local geoid undulations. L. Bányai. 50.-70.
- On the estimation of variance in unstable condition adjustment models. M. Eshagh. 71.-83.
- Further remarks on the concept of outlier with particular relevance to the valuable outliers. D. Monhor and J. Veró. 84.-92.
- Possibility of early detection of GPS ionospheric total electron content anomalies associated with large earthquakes using principal component analysis. J. –W. Lin. 93.-103.
- Peak particle velocity for rockbursts in underground coal mines and for shot-hole explosions in open-pit mines. K. Holub and J. Rušajová. 104.-114.

Allgemeine Vermessungs-Nachrichten, Vol.118, No.3., 2011.

- Effektivität von "Sprinterverfahren" nach dem Flurbereinigungsgesetz. Hans-Ludger Gerdes.
- Berechnungsdienste für Precise Point Positioning (PPP). Martin Giese, Julianna Kaczowski, Armin Lange, Christiane Stiegert, Juliane Wiegatz, Pawel Zakrzewski, Lambert Wanninger.
- Zur Genauigkeitsschätzung von Nivellementergebnissen. O. A. Mozzhukhin.
- Auf dem Weg zu einer EDV-gestützten Katasterinfrastruktur in Syrien. Maan Habib.
- Konzepte der optimalen Versuchsplanung für das Monitoring von Bauwerken. Daniel Gellner.

Geoinformatica, Vol.15, No.2., 2011.

- Connectivity in the regular polytope representation. Rodney James Thompson and Peter van Oosterom. 223.-246.
- Interpreting motion events of pairs of moving objects. Björn Gottfried. 247.-271.
- Integrating semantic web technologies and geospatial catalog services for geospatial information discovery and processing in cyberinfrastructure. Peng Yue, Jianya Gong, Liping Di, Lianlian He and Yaxing Wei. 273.-303.
- Qualitative change detection using sensor networks based on connectivity information. Jixiang Jiang, Michael Worboys and Silvia Nittel. 305.-328.
- Comparison of distribution strategies in uncertainty-aware catchment delineation. Tomas Ukkonen, Juha Oksanen, Tapani Rousi and Tapani Sarjakoski. 329.-349.
- Spatial cloaking for anonymous location-based services in mobile peer-to-peer environments. Chi-Yin Chow, Mohamed F. Mokbel and Xuan Liu. 351.-380.
- Efficient viewshed computation on terrain in external memory. Marcus V. A. Andrade, Salles V. G. Magalhães, Mirella A. Magalhães, W. Randolph Franklin and Barbara M. Cutler. 381.-397.

Geomatics Info Magazine (GIM International), Vol.25, No.5., 2011.

- The Japan Earthquake: Correcting for Shifted Coordinates. H. Key.
- Co-seismic Displacement Estimation: Improving Tsunami Early Warning Systems. G. Colosimo, M. Crespi, A. Mazzoni, T. Dautermann.

- SPATIALIST: SDI and Public-sector Innovation in Flanders. Joep Crompvoets.
- Point-cloud Preservation Plans: Saving China's Cultural Heritage. Liu Teng, Dai Jian, Wang Jingyang.

Journal of Geodesy, Vol. 85, No.5., 2011.

- Combination of GNSS and SLR observations using satellite co-locations. Daniela Thaller, Rolf Dach, Manuela Seitz, Gerhard Beutler and Maria Mareyen, et al. 257.-272.
- GNSS algebraic structures. A. Lannes and P. J. G. Teunissen. 273.-290.
- Vertical deformations from homogeneously processed GRACE and global GPS long-term series. Volker Tesmer, Peter Steigenberger, Tonie van Dam and Torsten Mayer-Gürr. 291.-310.
- IAG Newsletter. Gyula Tóth. 311.
- *Survey Review, Vol.43, No.2, 2011.*
- Accuracy of 3D models derived from aerial laser scanning and aerial ortho-imagery. Park, Hongjoo; Salah, Mahmoud; Lim, Samsung. 109.-122.
- Tsilhqot'in Nation v. British Columbia. Martín, MacLaren, O.W.; Barry, M.; Sangster, K. 122.-136.
- A regression study on relative GPS accuracy for different variables. Soycan, M.; Ocalan, T. 137.-149.
- Deformation measurement of a structure with calculation of intermediate load phases. Kovačić, B.; Kamnik, R.; Premrov, M. 150.-161.
- Accuracy of GPS positioning in the presence of large height differences. Sanli, D. Ugur; Kurumahmut, Fatih. 162.-176.
- Evaluating the repeatability of RTK GPS. Pirti, A. 177.-186.
- Inverse eigenvalue problem applied to weight optimisation in a geodetic network. Dalmolin, Q.; Oliveira, R. 187.-198.
- Orthorectification of Quickbird ortho-ready imagery: A case study over mountainous terrains. Gil, M.; Corbelle, E.; Ortiz, J. 199.-209.
- *Zeitschrift für Geodäsie, Geoinformation und Landmanagement, Vol.136, No.2., 2011.*
- Die Europäische Geodateninfrastruktur (INSPIRE). Auswirkungen im kommunalen Sektor – das Beispiel Nordrhein-Westfalen. Andrea Garrelmann und Stefan Ostrau. 65.-
- Konzept einer ALKIS-Benutzungskomponente mit Open-Source-Software. Karla Fürtges. 72.-
- Ableitung von Sachwertmarktanpassungsfaktoren nach den Vorschriften der ImmoWertV. Sebastian Drießen, Martin Kütt und Dietmar Weigt. 80.-
- Detektion von Bodendenkmälern im Wald mit einem hochauflösenden Geländemodell aus Laserscannerdaten. Karl-Heinz Gertloff. 86.-
- Unterstützung von individuellem und nachhaltigem Studieren durch die Umsetzung kompetenzorientierter hochschuldidaktischer Ansätze – Ein Lehrexperiment am Geodätischen Institut des KIT. Michael Mayer, Marianne Aders und Anke Diez. 92.-
- Die antike Karte von Germania des Klaudios Ptolemaios. Dieter Lelgemann. 105.-
- Sequential Tikhonov Regularization: An Alternative Way for Integral Inversion of Satellite Gradiometric Data. Mehdi Eshagh. 113.-