

sustavno su objedinjeni i citirani najvažniji izvornici iz područja visinomjerstva (nivelmana) i visinskih referentnih sustava, koji su neophodno i nezaobilazno polazište za razumijevanje i praćenje geneze kreacije, definicije i realizacije nivelmanskih mreža geometrijskog nivelmana i visinskih referentnih sustava na današnjem teritoriju Republike Hrvatske, od 1875. godine do danas.

Priredivanje i izdavanje ove publikacije u izdanju Geodetskog fakulteta Sveučilišta u Zagrebu te posebice pokroviteljstvo: Državne geodetske uprave, Hrvatskoga geodetskog društva i Hrvatske komore ovlaštenih inženjera geodezije pokušaj je objedinjavanja, integriranja i trajnog dokumentiranja suštinskih i mjerodavnih informacija te podataka vezanih uz visinske referentne sustave na teritoriju Republike Hrvatske, s posebnim naglaskom na HVRS71. Ova knjiga može poslužiti kao primjereno polazište, ne samo za stjecanje temeljnog uvida u problematiku visinskih referentnih sustava i njihove realizacije na teritoriju Republike Hrvatske, već i kao polazište za planiranje i realizaciju novih temeljnih i primijenjenih visinomjerskih istraživanja.

Knjiga je formata A4, tvrdog uveza, s 256 stranica sadržaja, s većim brojem grafičkih prikaza i slika te tablica s visinomjerskim podacima. Uz predgovor recenzenata, ravnatelja Državne geodetske uprave i glavnog urednika, sadrži i prigodni in memoriam pokojnim profesorima S. Klaku i L. Feilu, koji su dali veliki prinos visinomjerskim radovima i realizaciji HVRS71.

Cijena knjige je 315,00 kn i dostupna je u maloprodaji u knjižari UPI-2M BOOKS, d.o.o., Medulićeva 20, Zagreb (tel.: +385 1 4921 389, Fax: +385 1 4921 390, e-pošta: info@upi2m-books.hr) i knjižari UPI-2M BOOKS na Geodetskom fakultetu, Kačićeva 26, Zagreb.

Nevio Rožić

IZ STRANIH ČASOPISA

Computers, Environment and Urban Systems, Vol. 76, No. 4, 2019.

- Automatic Cost-Effective Method for Land Cover Classification (ALCC). Mateo Gašparović, Mladen Zrinjski, and Marina Gudelj. 2019. 1–10.
- Spatiotemporal Evolution Analysis of Time-Series Land Use Change Using Self-Organizing Map to Examine the Zoning and Scale Effects. Jianchao Qi, Huiping Liu, Xiangping Liu, and Yanghua Zhang. 2019. 11–23.
- Introducing Cluster Heatmaps to Explore City/Firm Interactions in World Cities. T. Storme, B. Derudder, and S. Dörny. 2019. 57–68.
- Improving Spatial Accuracy of Urban Growth Simulation Models Using Ensemble Forecasting Approaches. Hossein Shafizadeh-Moghadam. 2019. 91–100.
- Public Transport Accessibility Measure Based on Weighted Door to Door Travel Time. Behnam Tahmasbi, and Hossein Haghshenas. 2019. 163–177.

International Journal of Remote Sensing, Vol. 40, No. 20, 2019.

- Pansharpening Using Data-Centric Optimization Approach. Mutum Bidyarani Devi, and R Devanathan. 2019. 7784–7804.
- Optimal Flight Parameters for Unmanned Aerial Vehicles Collecting Spatial Information for Estimating Large-Scale Waste Generation. Seung Woo Son, Jeong Ho Yoon, Hyung Jin Jeon, Dong Woo Kim, and Jae Jin Yu. 2019. 8010–8030.

- A Sentinel-1 Based Hot-Spot Analysis: Landslide Mapping in North-Western Italy. Lorenzo Solari, Matteo Del Soldato, Roberto Montalti, Silvia Bianchini, Federico Raspini, Patrick Thuegaz, Davide Bertolo, Veronica Tofani, and Nicola Casagli. 2019. 7898–7921.
- Species Stratification and Upscaling of Forest Carbon Estimates to Landscape Scale Using GeoEye-1 Image and Lidar Data in Sub-Tropical Forests of Nepal. Pema Wangda, Yousif A. Hussin, M.C. Bronsveld, and Yogendra K. Karna. 2019. 7941–7965.
- Extracting Built-up Areas from Sentinel-1 Imagery Using Land-Cover Classification and Texture Analysis. Iulian-Horia Holobacă, Kinga Ivan, and Mircea Alexe. 2019. 8054–8069.
- Unsupervised Change Detection of VHR Remote Sensing Images Based on Multi-Resolution Markov Random Field in Wavelet Domain. Chuntao Wei, Ping Zhao, Xiaoyong Li, Yuebing Wang, and Fangyu Liu. 2019. 7750–66.
- Recent Advancement on Estimation of Blue Carbon Biomass Using Satellite-Based Approach. Dalhatu Aliyu Sani, Mazlan Hashim, and Mohammad Shawkat Hossain. 2019. 7679–7715.

ISPRS Journal of Photogrammetry and Remote Sensing, Vol. 153, No. 1, 2019.

- Structural Segmentation and Classification of Mobile Laser Scanning Point Clouds with Large Variations in Point Density. Yuan Li, Bo Wu, and Xuming Ge. 2019. 151–165.
- Reliable Image Matching via Photometric and Geometric Constraints Structured by Delaunay Triangulation. San Jiang, and Wanshou Jiang. 2019. 1–20.

Journal of Geodesy, Vol. 93, No. 7, 2019.

- Multi-Dimensional Particle Filter-Based Estimation of Inter-System Phase Biases for Multi-GNSS Real-Time Integer Ambiguity Resolution. Yumiao Tian, Zhizhao Liu, Maorong Ge, and Frank Neitzel. 2019. 1073–1087.
- Shipborne Gravimetry in the Baltic Sea: Data Processing Strategies, Crucial Findings and Preliminary Geoid Determination Tests. Biao Lu, Franz Barthelmes, Min Li, Christoph Förste, Elmas Sinem Ince, Svetozar Petrovic, Frank Flechtner, et al. 2019. 1059–1071.
- Processing of GNSS Constellations and Ground Station Networks Using the Raw Observation Approach. Sebastian Strasser, Torsten Mayer-Gürr, and Norbert Zehentner. 2019. 1045–1057.
- PPP-RTK Based on Undifferenced and Uncombined Observations: Theoretical and Practical Aspects. Baocheng Zhang, Yongchang Chen, and Yunbin Yuan. 2019. 1011–1024.
- Toward Global Instantaneous Decimeter-Level Positioning Using Tightly Coupled Multi-Constellation and Multi-Frequency GNSS. Jianghui Geng, Jiang Guo, Hua Chang, and Xiaotao Li. 2019. 977–991.
- Multi-GNSS Real-Time Clock Estimation Using Sequential Least Square Adjustment with Online Quality Control. Wenju Fu, Guanwen Huang, Qin Zhang, Shengfeng Gu, Maorong Ge, and Harald Schuh. 2019. 963–976.
- Ionosphere Response to Three Extreme Events Occurring near Spring Equinox in 2012, 2013 and 2015, Observed by Regional GNSS-TEC Model. Anna Krypiak-Gregorczyk. 2019. 931–9351.

Journal of Maps, Vol. 15, No. 1, 2019.

- Visualization of Land Mine Danger, Svilaja Region (Croatia). Andrija Krtalić, Ana Kuveždić Divjak, and Robert Župan. 2019. 21–29.
- Analysis of the Evolution of Urban Three-Dimensional Morphology: The Case of Nanjing City, China. Weifeng Qiao, Yahua Wang, Qingqing Ji, Yi Hu, Dazhuan Ge, and Min Cao. 2019. 30–38.

- Accessibility to Culture and Education. Educative City of Córdoba (Spain). Enrique Martínez-Jiménez, and José A. Salinas-Pérez. 2019. 39–45.
- Oil and Gas Development and Small Business Lending in U.S. Nonmetropolitan Counties. Michael C. Lotspeich, Charles M. Tolbert, and F. Carson Mencken. 2019. 46–51.
- Rural and Non-Rural Municipalities in the Slovak Republic. Janetta Nestorová Dická, Alena Gessert, and Ivo Sninčák. 2019. 84–93.

Journal of Surveying Engineering, Vol. 145, No. 3, 2019.

- New Approach for Low-Cost TLS Target Measurement. D. D. Lichti, C. L. Glennie, A. Jahraus, and P. Hartzell. 2019. 04019008.
- Assessment of GCP Number and Separation Distance for Small UAS Surveys with and without GNSS-PPK Positioning. D. Bolkas. 2019. 04019007.
- M Split Estimation Based on L 1 Norm Condition. Patrycja Wyszowska, and Robert Duchnowski. 2019. 04019006.
- Movement Detection Based on High-Precision Estimates of Instantaneous GNSS Station Velocity. Roland Hohensinn, Alain Geiger, Daniel Willi, and Michael Meindl. 2019. 04019005.
- TestGrids: Evaluating and Optimizing Map Projections. Sergio Baselga. 2019. 04019004.

Marine Geodesy, Vol. 42, No. 4, 2019.

- Improving the Definition and Algorithms of China's Coastline Considering the Diversity of Tidal Characteristics. Chenhu Huang, Meiping Wu, Weikang Sun, Gang Bian, Jianlun He, Kailiang Deng, and Guojun Zhai. 2019. 382–405.
- Sea Level Prediction in the Yellow Sea From Satellite Altimetry With a Combined Least Squares-Neural Network Approach. Jian Zhao, Yanguo Fan, and Yuxiang Mu. 2019. 344–366.

Remote Sensing, Vol. 11, No. 6, 2019.

- Support Vector Machine Accuracy Assessment for Extracting Green Urban Areas in Towns. Nikola Kranjčić, Damir Medak, Robert Župan, Milan Rezo. 2019. 655.
- 3D Forest Mapping Using A Low-Cost UAV Laser Scanning System: Investigation and Comparison. Jianping Li, Bisheng Yang, Yangzi Cong, Lin Cao, Xiaoyao Fu, Zhen Dong, Jianping Li, et al. 2019. 717.
- Towards a Long-Term Reanalysis of Land Surface Variables over Western Africa: LDAS-Monde Applied over Burkina Faso from 2001 to 2018. Moustapha Tall, Clément Albergel, Bertrand Bonan, Yongjun Zheng, Françoise Guichard, Mamadou Dramé, Amadou Gaye, et al. 2019. 735.

Remote Sensing, Vol. 11, No. 12, 2019.

- Determining Optimal Solar Power Plant Locations Based on Remote Sensing and GIS Methods: A Case Study from Croatia. Iva Gašparović, Mateo Gašparović. 2019. 1481.
- Capturing Coastal Dune Natural Vegetation Types Using a Phenology-Based Mapping Approach: The Potential of Sentinel-2. Flavio Marzioletti, Silvia Giulio, Marco Malavasi, Marta Gaia Sperandii, Alicia Teresa Rosario Acosta, Maria Laura Carranza, et al. 2019. 1506.
- High-Resolution Vegetation Mapping Using EXtreme Gradient Boosting Based on Extensive Features. Heng Zhang, Anwar Eziz, Jian Xiao, Shengli Tao, Shaopeng Wang, Zhiyao Tang, Jiangling Zhu, et al. 2019. 1505.

- Climate and Land-Use Change Effects on Soil Carbon Stocks over 150 Years in Wisconsin, USA. Jingyi Huang, Alfred E. Hartemink, Yakun Zhang. 2019. 1504.

Remote Sensing of Environment, Vol. 230, No. 1, 2019.

- Multi-Sensor Cloud and Cloud Shadow Segmentation with a Convolutional Neural Network. Marc Wieland, Yu Li, and Sandro Martinis. 2019. 111203.
- A Deep Learning Approach to Detecting Volcano Deformation from Satellite Imagery Using Synthetic Datasets. N. Anantrasirichai, J. Biggs, F. Albino, and D. Bull. 2019. 111179.

Survey Review, Vol. 51, No. 367, 2019.

- Adjustment Options for a Survey Network with Magnetic Levitation Gyro Data in an Immersed Under-Sea Tunnel. Ji Ma, Zhiqiang Yang, Zhen Shi, Chenchen Liu, Haiqing Yin, and Xiuzhen Zhang. 2019. 373–386.
- Accuracy Assessment of Speed Values Calculated from GNSS Tracks of Roads Obtained from VGI. Antonio Tomás Mozas-Calvache. 2019. 354–363.
- On the Use of Between-Baseline Differenced and Instantaneous RTK Positioning While Using Simultaneous GNSS Measurements. Julian Thom, Robert Odolinski, Luke McDonald, and Paul Denys. 2019. 345–353.
- The INSPIRE Directive: Some Observations on the Legal Framework and Implementation. George Cho, and Joep Crompvoets. 2019. 310–317.

Sustainability, Vol. 11, No. 9, 2019.

- Assessing Land Fragmentation in Planning Sustainable Urban Renewal. Jelena Kilić, Nikša Jajac, Katarina Rogulj, Siniša Mastelić-Ivić. 2019. 2576.
- Interaction of Public Transport Accessibility and Residential Property Values Using Smart Card Data. Amarin Siripanich, Taha Hossein Rashidi, Emily Moylan. 2019. 2709.
- Spatio-Temporal Pattern of Land Degradation along the China-Mongolia Railway (Mongolia). Juanle Wang, Haishuo Wei, Kai Cheng, Ge Li, Altansukh Ochir, Lingling Bian, Davaadorj Davaasuren, et al. 2019. 2705.
- Urban Planning Policy for Realizing Public Objectives Through Private Development in Seoul. Hye-jin Jung, Jung, and Hye-jin. 2019. 2698.
- The Spatiotemporal Pattern of Decoupling Transport CO₂ Emissions from Economic Growth across 30 Provinces in China. Ji Zheng, Yingjie Hu, Suocheng Dong, Yu Li. 2019. 2564.
- Evaluation of Regression Analysis and Neural Networks to Predict Total Suspended Solids in Water Bodies from Unmanned Aerial Vehicle Images. Tainá T. Guimarães, Maurício R. Veronez, Emilie C. Koste, Eniuce M. Souza, Diego Brum, Luiz Gonzaga, Frederico F. Mauad, et al. 2019. 2580.

The Photogrammetric Record, Vol. 34, No. 166, 2019.

- Acceleration of Object Tracking in High-Speed Videogrammetry Using a Parallel OpenMP and SIMD Strategy. Xiaohua Tong, Shouzhu Zheng, Sa Gao, Sicong Liu, Peng Chen, Chengcheng Guo, Shijie Liu, et al. 2019. 174–197.
- Photogrammetric Water Level Determination Using Smartphone Technology. Melanie Elias, Christian Kehl, and Danilo Schneider. 2019. 198–223.

Mateo Gašparović