

IZ DRUGIH GEODETSKIH ČASOPISA

Geodetski list, Vol. 75 (98) No. 1 (2021)

- Solarić, N., Solarić, M.: *Kompresija Zemljine kore dva dana prije potresa 22. ožujka 2020. u Zagrebu.*
 - Julzarika, Aditya, Subaryono, Harintaka: *Procjena visinske točnosti digitalnog modela terena (DMT) ALOS PALSAR-2 u području Rote Dead Sea - Indonezija.*
 - Mobariz, Kaplan: *Pomicanje granica: kartiranje i praćenje dinamike rijeke Amu Darya koristeći podatke i tehnike daljinskih istraživanja.*
 - Zrinjski, Barković, Matika: *Precizna izmjera i analiza duljine plivačkih staza olimpijskog bazena.*
-

Geodetski vestnik, Vol. 65 (2021) No. 1

- Nedim Tuno, Admir Mulahusić, Simona Savšek, Dušan Kogoj: *Evaluation and improvement of horizontal datum transformation models: A case study of Bosnia and Herzegovina.*
 - Mojca Kosmatin Fras, Katja Šušteršič, Aleksandar Šašić Kežul: *True orthophoto in urban areas.*
 - Melita Ulbl, Miroslav Verbič, Anka Lisec, Marko Pahor: *Proposal of real estate mass valuation in Slovenia based on generalised additive modelling approach.*
 - Marius Aleknavičius, Audrius Aleknavičius, Jolanta Valciukiene: *Protective restrictions on the acquisition of agricultural land: The impact on the land market on the example of Lithuania.*
 - Blaženka Bukač, Marijan Grgić, Tomislav Bašić: *What have we learnt from ICESAT on Greenland ice sheet change and what to expect from current ICESAT-2.*
-

Geodetski vestnik, Vol. 65 (2021) No. 2

- Franc Dimc, Polona Pavlovčič Prešeren, Matej Bažec: *Operation of geodetic GNSS instruments under chirp signal L1 jamming.*
- Aleš Marjetič: *Least-squares adjustment taking into account the errors in variables.*
- Miran Kuhar, Robert Brglez, Božo Koler: *Quality determination of mean sea level heights with GNSS levelling on the Ljubljana city area.*

- Nina Kranjec, Mihaela Triglav Čekada, Milan Kobal: *Predicting tree species based on the geometry and intensity of aerial laser scanning point cloud of treetops.*
 - Sajid Mahmood, Zulkepli bin Majid, Khairulnizam bin M. Idris, Muhammad Hamid Chaudhry: *Influence of incident angle and laser footprint on precision and level of detail in terrestrial laser scanner measurements.*
 - Matthews Siphwiwe Mphuthi, Patroba Achola Odera: *Estimation of vertical datum offset for the South African vertical datum, in relation to the International height reference system.*
-

Geodetski vestnik, Vol. 65 (2021) No. 3

- Sandi Berk, Klemen Medved: *Transformations between the Slovenian and International terrestrial reference frames.*
 - Martina Rakuša, Anka Lisec, Joc Triglav, Marjan Čeh: *Integration of land cadastre with spatial plan data.*
 - Mihaela Triglav Čekada, Dalibor Radovan: *The willingness of volunteers to report changes on topographic maps.*
 - Bianca Mitrică, Radu Săgeată, Irena Mocanu, Ines Grigorescu, Monica Dumitrașcu: *Competitiveness and cohesion in Romania's regional development: A territorial approach.*
 - Sid Ahmed Medjahed, Abdelhalim Niati, Nouredine Kheloufi, Habib Taibi: *Implementation of the variation of the luni-solar acceleration into GLONASS orbit calculus.*
-

GIM International, Vol. 35 (2021) Issue 5

- Katy Greenland: *Mapping Radiation in Chernobyl.*
 - Wim van Wegen: *The Challenges of Surveying the Faroe Islands.*
 - Wim van Wegen: *Large-scale UAV-Lidar Survey in the Tropics.*
 - Karol Bartoš, Kataarina Pukanska, Pavel Bella: *High-resolution Topography of a World Heritage Cave.*
 - Jonathan Fowler, Kevin Corbley: *The Use of Airborne Lidar to Visualize History in 3D.*
-

GIM International, Vol. 35 (2021) Issue 6

- Moreblessings Shoko, Emmanuel Kofi Gavu: *Digital Models for Planning and Disaster Management.*
 - Juho-Pekka Virtanen, Tuomas Turppa, Arttu Julin, Juha Hyppa: *Visualizing Point Clouds in Game Engines.*
 - Ben Gilson, Charlene Ting, Pietro Bologna: *Developing the Digital Sub-surface Model for Crossrail 2.*
 - Jantien Stoter, Ken Arroyo Ohoiri, Francesca Noardo: *Digital Twins: Comprehensive Solution or Hopeful Vision?*
 - Mark Allan, Abbas Rajabifard, Greg Foliente, Soheil Sabri: *SDG 11 as a „Glocal“ Framework.*
 - Artur Adamek, Jamusz Bedkowski: *Automated Mobile System for Mapping Mine Shafts.*
-

Journal of Geodesy, Vol. 95 (2021) Issue 10

- O. Francis: *Performance assessment of the relative gravimeter Scintrex CG-6.*
 - P. J. Johnston, M. S. Filmer, T. Fuhrmann: *Evaluation of methods for connecting InSAR to a terrestrial reference frame in the Latrobe Valley, Australia.*
 - F. Azpilicueta, B. Nava: *On the TEC bias of altimeter satellites.*
 - Witold Prószyński, Sławomir Łapiński: *Investigating support by minimal detectable displacement in confidence region determination and significance test of displacements*
 - Jingxin Hou, Bing Xu, Zhiwei Li, Yan Zhu, Guangcai Feng: *Block PS-InSAR ground deformation estimation for large-scale areas based on network adjustment.*
-

Journal of Geodesy, Vol. 95 (2021) Issue 11

- Wei Qu, Hailu Chen, Qin Zhang, Yuan Gao, Qingliang Wang, Ming Hao: *A robust estimation algorithm for the increasing breakdown point based on quasi-accurate detection and its application to parameter estimation of the GNSS crustal deformation model.*
- Alessio Pignalberi, Bruno Nava, Marco Pietrella, Claudio Cesaroni, Michael Pezzopane: *Midlatitude climatology of the ionospheric equivalent slab thickness over two solar cycles.*

- Petr Štěpánek, Urs Hugentobler, Vratislav Filler, Bingbing Duan: *Correction to: Inclusion of GPS clock estimates for satellites Sentinel-3A/3B in DORIS geodetic solutions.*
 - Germán Olivares-Pulido, Manuel Hernández-Pajares, Haixia Lyu, Shengfeng Gu, Alberto García-Rigo, Victoria Graffigna, Dariusz Tomaszewski, Paweł Wielgosz, Jacek Rapiński, Anna Krypiak-Gregorczyk, Rafał Kaźmierczak, Raul Orús-Pérez: *Ionospheric tomographic common clock model of undifferenced uncombined GNSS measurements.*
 - Ying-Hui Yang, Qiang Chen, Xin Diao, Jingjing Zhao, Lang Xu, Jyr-Ching Hu: *New interpretation of the rupture process of the 2016 Taiwan Meinong Mw 6.4 earthquake based on the InSAR, 1-Hz GPS and strong motion data.*
 - Víctor Puente, Esther Azcue, Yaiza Gomez-Espada, Susana Garcia-Espada: *Comparison of common VLBI and GNSS estimates in CONT17 campaign.*
 - P. J. G. Teunissen, A. Khodabandeh: *A mean-squared-error condition for weighting ionospheric delays in GNSS baselines.*
 - Peter Forkman, Jonas Flygare, Gunnar Elgered: *Water vapour radiometry in geodetic very long baseline interferometry telescopes: assessed through simulations.*
-

Journal of Geodesy, Vol. 95 (2021) Issue 12

- Wenyuan Zhang, Shubi Zhang, Guobin Chang, Nan Ding, Xiaoming Wang: *A new hybrid observation GNSS tomography method combining the real and virtual inverted signals.*
 - Y. M. Wang, L. Sánchez, J. Ågren, J. Huang, R. Forsberg, H. A. Abd-Elmotaal, K. Ahlgren, R. Barzaghi, T. Bašić, D. Carrion, S. Claessens, B. Erol, S. Erol, M. Filmer, V. N. Grigoriadis, M. S. Isik, T. Jiang, Ö. Koç, J. Krcmaric, X. Li, Q. Liu, K. Matsuo, D. A. Natsiopoulos, P. Novák, R. Pail, M. Pitoňák, M. Schmidt, M. Varga, G. S. Vergos, M. Véronneau, M. Willberg & P. Zingerle: *Colorado geoid computation experiment: overview and summary.*
 - Hana Krásná, Frédéric Jaron, Jakob Gruber, Johannes Böhm, Axel Nothnagel: *Baseline-dependent clock offsets in VLBI data analysis.*
-

Kartografija i geoinformacije, Vol. 20 (2021) No. 35

- Marta Hamzić, Borna Fuerst-Bjeliš: *Landscape Development Types in Central Lika 1980–2012 – Applying Spatial and Process-Oriented GIS Model.*

- Miljenko Lapaine, Nedjeljko Frančula: *Web Mercator Projection – One of Cylindrical Projections of an Ellipsoid to a Plane.*
- Paulo Márcio Leal de Menezes, Kairo da Silva Santos, Tainá Laeta, Francisco José Corrêa Martins, Manoel do Couto Fernandes, José Gomes dos Santos, Miljenko Lapaine: *Map Projection Analysis of the Nova Lusitania Map.*

Photogrammetric Engineering & Remote Sensing – PE&RS, Vol. 87 (2021) No. 10

- LaForest, Lisa M.; Zhou, Tian; Hasheminasab, Seyyed Meghdad; Habib, Ayman: *System Calibration Including Time Delay Estimation for GNSS/INS-Assisted Pushbroom Scanners Onboard UAV Platforms.*
- Ravi, Radhika; Habib, Ayman: *Least Squares Adjustment with a Rank-Deficient Weight Matrix and Its Applicability to Image/Lidar Data Processing.*
- Gowravaram, Saket; Chao, Haiyang; Molthan, Andrew; Zhao, Tiebiao; Tian, Pengzhi; Flanagan, Harold; Schultz, Lori; Bell, Jordan: *Spectral Reflectance Estimation of UAS Multispectral Imagery Using Satellite Cross-Calibration Method.*
- Sakamoto, Toshihiro: *Early Classification Method for US Corn and Soybean by Incorporating MODIS-Estimated Phenological Data and Historical Classification Maps in Random-Forest Regression Algorithm.*
- Khoshboresh-Masouleh, Mehdi; Shah-Hosseini, Reza: *A Deep Multi-Modal Learning Method and a New RGB-Depth Data Set for Building Roof Extraction.*
- Chen, Min; Fang, Tong; Zhu, Qing; Ge, Xuming; Zhang, Zhanhao; Zhang, Xin: *Feature-Point Matching for Aerial and Ground Images by Exploiting Line Segment-Based Local-Region Constraints.*

Photogrammetric Engineering & Remote Sensing – PE&RS, Vol. 87 (2021) No. 11

- Kayı, Abdullah; Bayram, Bülent; Şeker, Dursun Zafer: *The Analysis on the Annual Change of Digital Aerial Camera's IMUs Boresight Misalignment.*
- Zhu, Weining; Zhang, Zeliang; Yang, Zaiqiao; Pang, Shuna; Chen, Jiang; Cheng, Qian: *Spectral Probability Distribution of Closed Connected Water and Remote Sensing Statistical Inference for Yellow Substance.*
- Li, Binbin; Xie, Huan; Liu, Shijie; Tong, Xiaohua; Tang, Hong; Wang, Xu: *A Method of Extracting High-Accuracy Elevation Control Points from ICESat-2 Altimetry Data.*

- Corcoran, Forrest; Parrish, Christopher E.: *Diffuse Attenuation Coefficient (K_d) from ICESat-2 ATLAS Spaceborne Lidar Using Random-Forest Regression.*
- Boukir, S.; Guo, L.; Chehata, N.: *Improving Remote Sensing Multiple Classification by Data and Ensemble Selection.*
- Shankar, Hari; Roy, Arijit; Chauhan, Prakash: *Persistent Scatterer Interferometry for Pettimudi (India) Landslide Monitoring using Sentinel-1A Images.*

Photogrammetric Engineering & Remote Sensing – PE&RS, Vol. 87 (2021) No. 12

- Deshpande, Sagar S.; Falk, Mike; Plooster, Nathan: *Semi-Automated Roller Parameters Extraction from Terrestrial Lidar.*
- Dorbu, Freda Elikem; Hashemi-Beni, Leila; Karimoddini, Ali; Shahbazi, Abolghasem: *UAV Remote Sensing Assessment of Crop Growth.*
- Yu, Bo; Chen, Fang; Dong, Ying; Wang, Lei; Wang, Ning; Yang, Aqiang: *MSegnet, a Practical Network for Building Detection from High Spatial Resolution Images.*
- Zhang, Feizhou; Liu, Xufang; Xiang, Yun; Zhang, Zihan; Liu, Siyuan; Yan, Lei: *Estimation of Rock Characteristics Based on Polarization Spectra: Surface Roughness, Composition, and Density.*
- Zhu, Ningning; Yang, Bisheng; Dong, Zhen; Chen, Chi; Huang, Xia; Xiao, Wen: *Automatic Registration of Mobile Mapping System Lidar Points and Panoramic-Image Sequences by Relative Orientation Model.*
- Vargas, Steven Martinez; Delrieux, Claudio; Blanco, Katy L.; Vitale, Alejandro: *Dense Bathymetry in Turbid Coastal Zones Using Airborne Hyperspectral Images.*

Survey Review, Vol. 53 (2021) Issue 379

- Hang Yu, Jian Wang, Bin Wang: *A correlational inference-based unscented total Kalman filter for integrated navigation.*
- Youyuan Li, Jian Wang, Bin Li, Wenxiao Sun, Yanyi Li: *An adaptive filtering algorithm of multilevel resolution point cloud.*
- Mehmet Alkan, Hicret Gürsoy Sürmeneli, Zeynel Abidin Polat: *Design and development 3D RRR model for Turkish cadastral system using international standards.*
- Xu Wang, Hongzhou Chai, Chang Wang, Guorui Xiao, Yang Chong, Xiaoguo Guan: *Improved wavelet neural network based on change rate to predict satellite clock bias.*
- Okan Yildiz, Çağrı Erden: *Cadastral updating: the case of Turkey.*

- Arif Cagdas Aydinoglu, Rabia Bovkir, Ismail Colkesen: *Implementing a mass valuation application on interoperable land valuation data model designed as an extension of the national GDI.*
 - Lei Wang, Kegui Jiang, Tao Wei, Chuang Jiang, Jianfeng Zha, Shenshen Chi: *Estimation of parameters of probability integral method model based on improved fireworks algorithm.*
-

Survey Review, Vol. 53 (2021) Issue 380

- Ela Ertunç, Mevlüt Uyan, Vahit Tongur: *Land reallocation model with simulated annealing algorithm.*
 - Slavko Vasiljević, Dejan D. Vasić, Oleg Odalović, Dragan Blagojević, Branko Milovanović: *Horizontal coordinates transformation and residuals modelling on the territory of the Republic of Srpska.*
 - Krzysztof Noweł, Sławomir Cellmer, Artur Fischer: *Validation of GNSS baseline observation models using information criteria.*
 - Sergio Baselga: *Optimising 2-parameter Lambert Conformal Conic projections for ground-to-grid distortions.*
 - Vahid Mahboub, Narges Fatholahi: *A constrained extended Kalman filter based on LS-VCE formulated by condition equations with prediction of cross-covariances.*
 - Ahmet Yavuzdoğan, Emine Tanır Kayıkçı: *A copula approach for sea level anomaly prediction: a case study for the Black Sea.*
 - Mehmet Simav: *Results from the first strapdown airborne gravimetry campaign over the Lake District of Turkey.*
 - Wuyong Tao, Xianghong Hua, Peng Li, Fei Wu, Shaoquan Feng, Dong Xu: *An iterated reweighting total least squares algorithm formulated by standard least-squares theory.*
 - Jernej Tekavec, Marjan Čeh, Anka Lisec: *Indoor space as the basis for modelling of buildings in a 3D Cadastre.*
-

Survey Review, Vol. 53 (2021) Issue 381

- Sander Varbla, Raido Puust, Artu Ellmann: *Accuracy assessment of RTK-GNSS equipped UAV conducted as-built surveys for construction site modelling.*
- Robert Krzyżek: *Determining locations of corners of building structures in real time using harmonisation of various surveying methods – case study.*
- Dongmei Guo, Zhixin Xue: *Geoid determination through the combined least-squares adjustment of GNSS/levelling/gravity networks – a case study in Linyi, China.*
- A. Tabatabaei, Z. Koochi, M. R. Mosavi, Z. Tabatabaei: *Intelligent vectorised architecture for performance enhancement of GNSS receivers in signal blocking situations.*

- Abdelsatar Elmezayen, Ahmed El-Rabbany: *Real-time GNSS precise point positioning using improved robust adaptive Kalman filter.*
 - Hicret Gürsoy Sürmeneli, Mehmet Alkan: *Towards standardisation of Turkish cadastral system using LADM with 3D cadastre.*
 - Jianfeng Guo: *Maximum Tolerable Biases (MTBs) and hardly detectable points in least-squares adjustment.*
-

Muamer Didelija