

GEOKRIŽIŠČE – IZ TUJIH STROKOVNI REVIJ

OKTOBER–DECEMBER 2013

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Allgemeine Vermessungs-Nachrichten

- Linkugel, T., Schilling, A., Mallot, H. 2013. Musterbasierte optische Positionsschätzung zur Regelung eines micro-UAV: ein simulationsbasierter Ansatz. AVN, 120(10).
- Heunecke, O. 2013. Vermessungsaufgaben beim Bauen im Bestand. AVN, 120(10).

Geodetski list

- Kopáček, A., Lipták, I., Kyrinovič, P., Erdélyi, J. 2013. Praćenje dinamičkih deformacija tehnoloških struktura. Dynamic Deformation Monitoring of a Technological Structure. Geodetski list, 67(3).
- Mogućnosti geodetskih instrumenata u određivanju dinamičkih pomaka građevina. Possibilities of Surveying Instruments in Determination of Buildings' Dynamic Displacements. Geodetski list, 67(3).
- Racetin, I. 2013. Temeljna topografska baza podataka STOKIS-a. Basic Topographic Database of STOKIS. Geodetski list, 67(3).
- Doskocz, A. 2013. Statistički pristup procjeni horizontalne nesigurnosti točaka na digitalnim kartama krupnog mjerila. The Statistical Approach for Estimation of Horizontal Uncertainty of the Points of Digital Large-scale Maps. Geodetski list, 67(3).

Geoinformatics

- Graham, L. 2013. 3D Images versus LIDAR. Geoinformatics, 16(7).
- Stojic, M. 2013. Leveraging Next-Generation Mobile Solutions. Managing Massive Volumes of Geospatial Data. Geoinformatics, 16(7).
- Rees, E. 2013. Rapidlasso. Efficient Tools for LiDAR Processing. Geoinformatics, 16(7).
- Lekkerkerk, H.-J. 2013. GNSS Update. Potential downfall for Glonass? Geoinformatics, 16(7).
- Grimm, D. E. 2013. Leica Nova MS50. The World's First Multi Station. Geoinformatics, 16(7).

- Heisig, C., Barry, M. 2013. Simplifying the INSPIRE Challenge. Transforming Existing Environmental Data. *Geoinformatics*, 16(7).
- Nyssen, J., Petrie, G. 2013. Historical Aerial Photography of Ethiopia. Recovery & Organisation of Important Documentation from the 1930s. *Geoinformatics*, 16(7).

ISPRS Journal of Photogrammetry and Remote Sensing

- Themistocleous, K., Hadjimitsis, D. G. 2013. Development of an image based integrated method for determining and mapping aerosol optical thickness (AOT) over urban areas using the darkest pixel atmospheric correction method, RT equation and GIS: A case study of the Limassol area in Cyprus. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Schmitt, M., Maksymiuk, O., Magnard, C., Stilla, U. 2013. Radargrammetric registration of airborne multi-aspect SAR data of urban areas. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Ok, A. O. 2013. Automated detection of buildings from single VHR multispectral images using shadow information and graph cuts. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Richter, K., Mader, D., Seidl, K., Maas, H.-G. 2013. Development of a geometric model for an all-reflective camera system. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Hebel, M., Arens, M., Stilla, U. 2013. Change detection in urban areas by object-based analysis and on-the-fly comparison of multi-view ALS data. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Aiazzi, B., Baronti, S., Selva, M., Alparone, L. 2013. Bi-cubic interpolation for shift-free pan-sharpening. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Son, N. T., Chen, C. F., Chen, C. R., Chang, L. Y. 2013. Satellite-based investigation of flood-affected rice cultivation areas in Chao Phraya River Delta, Thailand. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Westergaard-Nielsen, A., Lund, M., Hansen, B. U., Tamstorf, M. P. 2013. Camera derived vegetation greenness index as proxy for gross primary production in a low Arctic wetland area. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Deng, C., Wu, C. 2013. The use of single-date MODIS imagery for estimating large-scale urban impervious surface fraction with spectral mixture analysis and machine learning techniques. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Douterloigne, K., Goeman, W., Gautama, S., Philips, W. 2013. Automatic detection of a one dimensional ranging pole for robust external camera calibration in mobile mapping. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).

- Shi, L., Zhang, L., Zhao, L., Yang, J., Li, P. X., Zhang, L. 2013. The potential of linear discriminative Laplacian eigenmaps dimensionality reduction in polarimetric SAR classification for agricultural areas. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Xian, G., Homer, C., Meyer, D., Granneman, B. 2013. An approach for characterizing the distribution of shrubland ecosystem components as continuous fields as part of NLCD. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Telem, G., Filin, S. 2013. Photogrammetric modeling of the relative orientation in underwater environments. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Verrelst, J., Rivera, J. P., Moreno, J., Camps-Valls, G. 2013. Gaussian processes uncertainty estimates in experimental Sentinel-2 LAI and leaf chlorophyll content retrieval. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).
- Rossini, M., Fava, F., Cogliati, S., Meroni, M., Marchesi, A., Panigada, C., Giardino, C., Busetto, L., Migliavacca, M., Amaducci, S., Colombo, R. 2013. Assessing canopy PRI from airborne imagery to map water stress in maize. *ISPRS Journal of Photogrammetry and Remote Sensing*, 86(1).

Journal of Geodesy

- Duchnowski, R. 2013. Hodges–Lehmann estimates in deformation analyses. *Journal of Geodesy*, 87(10–12).
- Smith, D. A., Holmes, S. A., Li, X., Guillaume, S. 2013. Confirming regional 1 cm differential geoid accuracy from airborne gravimetry: the Geoid Slope Validation Survey of 2011. *Journal of Geodesy*, 87(10–12).
- Ming Wang, Y., Yang, X. 2013. On the spherical and spheroidal harmonic expansion of the gravitational potential of the topographic masses. *Journal of Geodesy*, 87(10–12).
- Lee, S.-W., Kouba, J., Schutz, B., Kim, D. H., Lee, Y. J. 2013. Monitoring precipitable water vapor in real-time using global navigation satellite systems. *Journal of Geodesy*, 87(10–12).
- Amiri-Simkooei, A. R. 2013. Application of least squares variance component estimation to errors-in-variables models. *Journal of Geodesy*, 87(10–12).
- Feng, Y., Gu, S., Shi, C., Rizos, C. 2013. A reference station-based GNSS computing mode to support unified precise point positioning and real-time kinematic services. *Journal of Geodesy*, 87(10–12).
- Bao, L., Xu, H., Li, Z. 2013. Towards a 1 mGal accuracy and 1 min resolution altimetry gravity field. *Journal of Geodesy*, 87(10–12).
- Chen, Y.-Z., Wu, J. 2013. Zero-correlation transformation and threshold for efficient GNSS carrier phase ambiguity resolution. *Journal of Geodesy*, 87(10–12).
- Teke, K., Nilsson, T., Böhm, J., Hobiger, T. 2013. Troposphere delays from space geodetic techniques, water vapor radiometers, and numerical weather models over a series of continuous VLBI campaigns. *Journal of Geodesy*, 87(10–12).

LiDAR Magazine

- Cheves, M. 2013. Innovation in 3D. LiDAR Magazine, 3(5).
- Lohani, B., Goel, S., Sharma, R. 2013. Scanning Moving Objects Using LiDAR. LiDAR Magazine, 3(5).
- Conforti, D. 2013. Integrating LiDAR and Sonar Data for the Costa Concordia Wreck. LiDAR Magazine, 3(5).
- Zambuni, R. 2013. Point Clouds, Scalable Terrain Models Support Electrification Program. LiDAR Magazine, 3(5).
- Zip, D., Farrokhi, A. 2013. 3D Print of the Turner Valley Gas Plant. LiDAR Magazine, 3(5).
- Judson, F. 2013. The Ohio Department of Transportation and Unmanned Aircraft Systems. LiDAR Magazine, 3(5).
- Andelin, E. 2013. How You Can Get Involved with Unmanned Aerial Systems. LiDAR Magazine, 3(5).
- Richardson, K. 2013. Scaling LiDAR. LiDAR Magazine, 3(5).
- Mahmoudabadi, H., Olsen, M. J. 2013. Application of Structured Light Scanning in Generating a 3D Human Head Model. LiDAR Magazine, 3(5).
- Dharmapuri, S. S., Akl, P. 2013. Automated Methods Using LiDAR Data for Breakline Validation. LiDAR Magazine, 3(5).
- Shao, Y., Di, L., Kang, L., Han, W. 2013. Using Open Standards to Integrate LiDAR and Geoprocessing. LiDAR Magazine, 3(5).

Survey Review

- Featherstone, W. E., Olliver, J. G. 2013. Assessment of EGM2008 over Britain using vertical deflections, and problems with historical data. Survey Review, 45(332).
- Racetin, I., Baučić, M. 2013. Minimum mapping units in topographic information systems: a case study from Croatia. Survey Review, 45(332).
- Ruiz-Lendínez, J. J., Ariza-López, F. J., Ure a-Cámara, M. A. 2013. Automatic positional accuracy assessment of geospatial databases using line-based methods. Survey Review, 45(332).
- Abdelhafiz, A. 2013. Laser scanner point cloud colouring algorithm applied on real site. Survey Review, 45(332).
- Kao, S-P., Tu, C-P., Chen, C-N. 2013. A coordinate vector correction method to improve the traditional affine transformation graphic digitised cadastral map. Survey Review, 45(332).
- Sladić, D., Govedarica, M., Pržulj, D., Radulović, A., Jovanović, D. 2013. Ontology for real estate cadastre. Survey Review, 45(332).
- Li, S. Q., Chang, G. B., Jin, J. H., Li, K. 2013. Solving planar intersection problem using Gauss quadrature rule exact for three-order monomials. Survey Review, 45(332).

- Cellmer, S. 2013. Search procedure for improving modified ambiguity function approach. *Survey Review*, 45(332).
- Dawidowicz, K. 2013. Impact of different GNSS antenna calibration models on height determination in the ASG-EUPOS network: a case study. *Survey Review*, 45(332).

The American Surveyor

- Bahr, C. 2013. Mapping Tree Footprints. *The American Surveyor*, 10(11).
- Erickson, C., Erickson, L. 2013. The Land Locator. *The American Surveyor*, 10(11).
- Silver, M. 2013. OPUS-Projects. *The American Surveyor*, 10(11).
- Ries, R. 2013. Precision Measurement at Track & Field Competitions. *The American Surveyor*, 10(11).
- Wilson, G. M. 2013. Scanning New Horizons. *The American Surveyor*, 10(11).

Zeitschrift für Geodäsie, Geoinformation und Landmanagement

- Riecken, J., Ruf, B. 2013. Die Integration von GLONASS in SAPOS® - Eine Blaupause für Galileo! *ZFV*, 138(6).
- Kuhlmann, H., Schwieger, V., Wieser, A., Niemeier, W. 2013. Ingenieurgeodäsie - Definition, Kernkompetenzen und Alleinstellungsmerkmale. *ZFV*, 138(6).
- Fuhrmann, T., Navratil, G. 2013. Ausgleichsrechnung mit Gröbnerbasen. *ZFV*, 138(6).
- Aringer, K., Dorsch, J., Roschlaub, R. 2013. Erfassung und Fortführung von 3D-Gebäudemodellen auf Basis von Airborne LiDAR-Daten, ImageMatching und Katasterinformationen. *ZFV*, 138(6).
- Hinz, S. A. 2013. Länderübergreifender Leistungsvergleich gemäß Art. 91d GG für Waldflurbereinigungsverfahren. *ZFV*, 138(6).
- Rüger, W., Meyer, T. 2013. Flurneueordnung und Innenentwicklung am Beispiel Creglingen-Finsterlohr - Bürgerschaftliches Engagement als Schlüssel zum Erfolg. *ZFV*, 138(6).

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