

GEOKRIŽIŠČE – IZ TUJIH STROKOVNI REVIJ

DECEMBER 2009–MAREC 2010

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Allgemeine Vermessungs-Nachrichten

- Lienhart, W., Zogg, H.-M., Nindl, D. 2009: Innovative Lösungen zur Erreichung höchster Genauigkeit und Geschwindigkeit am Beispiel der TS30 Totalstation von Leica Geosystems. AVN. 116 (11-12).
- Lösler, M. 2009: Bestimmung des lokalen Verbindungsvektors zwischen IVS- und IGS-Referenzrahmen am Raumobservatorium Onsala (Schweden). AVN. 116 (11-12).
- Späth, H. 2009: Alternative Modelle zum Ausgleich mit einer Geraden. AVN. 116 (11-12).
- Gielsdorf, F. 2009: Ebenendetektion, Matching und verkettete Transformation von Laserscans. AVN. 116 (11-12).
- Brys, H. 2009: Umweltwandlungen der rückgängigen BLEDOWDSKA SANDWÜSTE dokumentiert auf multitemporalen Luftbild- und Satellitenkarten im Zeitraum 1926 bis 2006. AVN. 116 (11-12).
- Herrmann, J. 2009: Neues Berufsrecht für Ingenieure in Sachsen-Anhalt. Sicherung der Zukunft des Berufes »Ingenieur« als weltbekanntes Markenzeichen. AVN. 116 (11-12).
- Huep, W. 2010: Geodätische Sensoren: Integrationspotenziale und erfahrungen. AVN. 117 (1).
- Ingensand, H. 2010: Sensorfusion und Sensornetze: die Zukunft der geodätischen Messtechnik. AVN. 117 (1).

Geodetski list

- Hoşbaş, R. G., Pirti, A., Erkaya, H. 2009: Multipath i redukcija multipatha u urbanom okolišu (Posebno za obradu L1-signalu). Multipath and Multipath Reduction in the Urban Environments (Especially for L1 Signal Processing). Geodetski list. 63 (4).
- Kovačić, B., Kamnik, R., Kapović, Z. 2009: Matematička analiza mjerenih pomaka s naglaskom na polinomnoj interpolaciji. Mathematical Analysis of Measured Displacements with Emphasis on Polynomial Interpolation. Geodetski list. 63 (4).

- Solarić, N., Solarić, M., Zrinjski, M. 2009: GPS-antena Zephyr Geodetic. GPS-Antenna Zephyr Geodetic. Geodetski list. 63 (4).
- Milas, D. 2009: Direktno georeferenciranje senzorom POS AV510. Direct Georeferencing by the POS AV510 Sensor. Geodetski list. 63 (4).

GeoInformatica

- Leyk, S., Boesch, R. 2010: Colors of the past: color image segmentation in historical topographic maps based on homogeneity. GeoInformatica. 14 (1).
- Behr, T., Güting, R. H. 2010: User defined topological predicates in database systems. GeoInformatica. 14 (1).
- Yu, C., Zhang, R., Huang, Y., Xiong, H. 2010: High-dimensional kNN joins with incremental updates. GeoInformatica. 14 (1).
- Huang, B., Xie, C., Tay, R. 2010: Support vector machines for urban growth modeling. GeoInformatica. 14 (1).
- Umer, M., Kulik, L., Tanin, E. 2010: Spatial interpolation in wireless sensor networks: localized algorithms for variogram modeling and Kriging. GeoInformatica. 14 (1).
- Doyle, J., Bertolotto, M., Wilson, D. 2010: Evaluating the benefits of multimodal interface design for CoMPASS-a mobile GIS. GeoInformatica. 14 (2).
- Huang, Y.-K., Lee, C. 2010: Efficient evaluation of continuous spatio-temporal queries on moving objects with uncertain velocity. GeoInformatica. 14 (2).
- Bogorny, V., Valiati, J. F., Alvares, L. O. 2010: Semantic-based pruning of redundant and uninteresting frequent geographic patterns. GeoInformatica. 14 (2).
- Brewer, C. A., Battenfield, B. P. 2010: Mastering map scale: balancing workloads using display and geometry change in multi-scale mapping. GeoInformatica. 14 (2).
- Gao, Y., Zheng, B., Chen, G., Li, Q. 2010: Algorithms for constrained k-nearest neighbor queries over moving object trajectories. GeoInformatica. 14 (2).

GeoInformatics

- Dryjanskii, M. 2010: Leica's DISTO Laser Distance Meter - The Subterranean World of Easter Island. GeoInformatics. 13 (1).
- Fischer, F. 2010: Local Search Media become Social and Mobile in 2010 Finally - Everything will be Geo-tagged. GeoInformatics. 13 (1).
- Lekkerkerk, H.-J. 2010: GNSS Update - Shifting Satellites. GeoInformatics. 13 (1).
- Petrie, G. 2010: An Introduction to the Technology - Mobile Mapping Systems. GeoInformatics. 13 (1).

GeoConnexionUK

- Pellegrini, M. 2010: Smart GIS for Smart Utility. *GeoConnexionUK*. 8 (1).
- Richardson, J. 2010: CFRMIS Mobile For Fire Safety Management. *GEO: International*. 9 (2).

GPS World

- Weinstein, B., Akos, D., Vinande, E., Chu, T. 2010: GNSS Receiver Evaluation. *GPS World*. 21 (1).
- Kuusniemi, H., Leppäkoski, H., Takala, J., Liu, J., Pei, L., Chen, R., Chen, W., Chen, Y. 2010: Multi-Sensor, Multi-Network Positioning. *GPS World*. 21 (2).
- Kuusniemi, H., Leppäkoski, H., Takala, J., Wang, J., Liu, J., Zhang, J., Hyyppä, J., Pei, L., Zhu, L., Kuittinen, R., Chen, R., Qin, Y., Chen, Y., Liu, Z. 2010: Going 3D. *GPS World*. 21 (2).

ISPRS Journal of Photogrammetry and Remote Sensing

- Blaschke, T. 2010: Object based image analysis for remote sensing. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Retalis, A., Sifakis, N. 2010: Urban aerosol mapping over Athens using the differential textural analysis (DTA) algorithm on MERIS-ENVISAT data. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Moffiet, T., Armston, J. D., Mengersen, K. 2010: Motivation, development and validation of a new spectral greenness index: A spectral dimension related to foliage projective cover. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Dheeravath, V., Thenkabail, P. S., Chandrakantha, G., Noojipady, P., Reddy, G. P. O., Biradar, C. M., Gumma, M. K., Velpuri, M. 2010: *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Parian, J. A., Gruen, A. 2010: Sensor modeling, self-calibration and accuracy testing of panoramic cameras and laser scanners. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Grings, F., Salvia, M., Karszenbaum, H., Ferrazzoli, P., Perna, P., Barber, M., Jacobo Berles, J. 2010: Statistical information of ASAR observations over wetland areas: An interaction model interpretation. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Chon, J., Kim, H., Lin, C.-S. 2010: Seam-line determination for image mosaicking: A technique minimizing the maximum local mismatch and the global cost. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Lichti, D. D. 2010: Terrestrial laser scanner self-calibration: Correlation sources and their mitigation. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).

- Aguilar, F. J., Mills, J. P., Delgado, J., Aguilar, M. A., Negreiros, J. G., Pérez, J. L. 2010: Modelling vertical error in LiDAR-derived digital elevation models. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Chen, Q. 2010: Assessment of terrain elevation derived from satellite laser altimetry over mountainous forest areas using airborne lidar data. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Khoshelham, K., Nardinocchi, C., Frontoni, E., Mancini, A., Zingaretti, P. 2010: Performance evaluation of automated approaches to building detection in multi-source aerial data. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Portalés, C., Lerma, J. L., Navarro, S. 2010: Augmented reality and photogrammetry: A synergy to visualize physical and virtual city environments. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).
- Bouziani, M., Goita, K., He, D.-C. 2010: Automatic change detection of buildings in urban environment from very high spatial resolution images using existing geodatabase and prior knowledge. *ISPRS Journal of Photogrammetry and Remote Sensing*. 65 (1).

Journal of Geodesy

- Varga, P., Denis, C. 2010: Geodetic aspects of seismological phenomena. *Journal of Geodesy*. 84 (2).
- Ardalán, A. A., Karimi, R., Poutanen, M. 2010: A bias-free geodetic boundary value problem approach to height datum unification. *Journal of Geodesy*. 84 (2).
- Fašková, Z., Čunderlík, R., Mikula, K. 2010: Finite element method for solving geodetic boundary value problems. *Journal of Geodesy*. 84 (2).
- Zhong, P., Ding, X., Yuan, L., Xu, Y., Kwok, K., Chen, Y. 2010: Sidereal filtering based on single differences for mitigating GPS multipath effects on short baselines. *Journal of Geodesy*. 84 (2).
- Petrovskaya, M. S., Vershkov, A. N. 2010: Construction of spherical harmonic series for the potential derivatives of arbitrary orders in the geocentric Earth-fixed reference frame. *Journal of Geodesy*. 84 (3).
- Hirt, C. 2010: Prediction of vertical deflections from high-degree spherical harmonic synthesis and residual terrain model data. *Journal of Geodesy*. 84 (3).
- Andersen, O. B., Knudsen, P., Berry, P. A. M. 2010: The DNSC08GRA global marine gravity field from double retracked satellite altimetry. *Journal of Geodesy*. 84 (3).
- Böckmann, S., Artz, T., Nothnagel, A. 2010: VLBI terrestrial reference frame contributions to ITRF2008. *Journal of Geodesy*. 84 (3).

Photogrammetric Engineering & Remote Sensing

- Jeong, I., Bethel, J. 2010: A Study of Trajectory Models for Satellite Image Triangulation. PE&RS. 76 (3).
- Kwak, D.-A., Chung, J., Lee, W.-K., Kafatos, M., Lee, S. Y., Cho, H.-K., Lee, S.-H. 2010: Evaluation for Damaged Degree of Vegetation by Forest Fire using Lidar and a Digital Aerial Photograph. PE&RS. 76 (3).
- Clinton, N., Holt, A., Scarborough, J., Yan, L., Gong, P. 2010: Accuracy Assessment Measures for Object-based Image Segmentation Goodness. PE&RS. 76 (3).
- Li, P., Xu, H. 2010: Land-Cover Change Detection using One-Class Support Vector Machine. PE&RS. 76 (3).
- Rosas, H., Vargas, W., Cerón, A., Domínguez, D., Cárdenas, A. 2010: A Mathematical Expression for Stereoscopic Depth Perception. PE&RS. 76 (3).
- Akca, D. 2010: Co-registration of Surfaces by 3D Least Squares Matching. PE&RS. 76 (3).
- Niccolai, A., Niccolai, M., Oliver, C. D. 2010: Point Set Topology Extraction for Branch and Crown-level Species Classification. PE&RS. 76 (3).

Survey Review

- Edwards, S. J., Clarke, P. J., Penna, N. T., Goebell S. 2010: An examination of network RTK GPS services in Great Britain. Survey Review. 42 (316).
- Junyong, C., Yanping, Z., Janli, Y., Chunxi, G., Peng, Z. 2010: Height determination f Qomolangma Feng (Mt Everest) in 2005. Survey Review. 42 (316).
- Tang, W., Meng, X., Shi, C. Liu, J. 2010: Performance assessment of a long range reference station ambiguity resolution algorithm for network RTK GPS positioning. Survey Review. 42 (316).
- Fu-Mei, W., Yuan-Xi, Y. 2010: An extended adaptive Kalman filtering in tight coupled GPS/INS integration. Survey Review. 42 (316).
- Geng, J., Meng, X., Teferle, F. N., Dodson, A. H. 2010: Performance of precise point positioning with ambiguity resolution for 1- to 4-hour observation periods. Survey Review. 42 (316).
- Li, Y., Zhang, J., Zhang, J., Zhang, Z., Du, X. 2010: Direct transformation from geocentric Cartesian coordinates to geodetic latitude and ellipsoidal height. Survey Review. 42 (316).
- Zhang, X., Forsberg, R. 2010: Retrieval of Airborne LIDAR Misalignments Based on the Stepwise Geometric Method. Survey Review. 42 (316).
- Nahavandchi, H., Joodaki, G. 2010: Survey Review. 42 (316).

Zeitschrift für Geodäsie, Geoinformation und Landmanagement

- Müller, M., Panczak-Geörg, M., Mattes, E., Ellmenreich, B., Schillinger, W., Moser, M., Seitz, T., Barnikel, G. 2009: GIS-Einsatz zur Web-basierten Darstellung von Hochwassergefahrenkarten in Baden-Württemberg. ZFV. 134 (6).
- Aulig, G., Bäuml, N., Karlstetter, M. 2009: Werkzeuge für die nachhaltigkeitsorientierte Steuerung von Projekten der Ländlichen Entwicklung in Bayern – Das System LENA. ZFV. 134 (6).
- Pettersen, B. R., Müller, J. 2009: Small Instrument – Big Task A Historical Account of how a Repsold Universal Instrument came to serve at the Arctic End of the Struve Geodetic Arc. ZFV. 134 (6).
- Diez, D., Rösler-Goy, M., Schmid, W., Seyfert, E. 2009: Schutz des Persönlichkeitsrechts bei der Verarbeitung von Geodaten. ZFV. 134 (6).
- Schüler, T., Wallner, S., Eissfeller, B. 2009: Entwicklungsstand GALILEO mit einem Ausblick auf die Kombination mit GPS für die schnelle RTK-Positionierung. ZFV. 134 (6).
- Magel, H. 2010: Grund und Boden – Salz und Engpass jeder gesellschaftlichen und wirtschaftlichen Entwicklung. ZFV. 135 (1).
- Benning, W., Scholz, T. 2010: Zum Lagebezugswechsel ETRS89/UTM mittels Homogenisierung. ZFV. 135 (1).
- Ahrens, B., Böhmer, K.-H. 2010: NTV2-Gitterdateien zur Überführung katasterbezogener Datenbestände ins ETRS89. ZFV. 135 (1).
- Heister, H., Heunecke, O., Kerraschk, T., Pflugmacher, A. 2010: Untersuchungen zu den globalen Positionierungsdiensten von Fugro OmniSTAR – Teil II: Ergebnisse und Erfahrungen. ZFV. 135 (1).
- Ehrhorn, U., Rother, F. 2010: Vom QMS nach DIN EN ISO 9002 zum Total Quality Management – 10 Jahre Arbeit an und mit Qualitätsmanagementsystemen. ZFV. 135 (1).
- Lösler, M., Eschelbach, C., Schenk, A., Neidhardt, A. 2010: Permanentüberwachung des 20 m VLBI-Radioteleskops an der Fundamentalstation in Wettzell. ZFV. 135 (1).
- Potsiou, C., Theodorou, M., Elikkos, E. 2010: Increased Market Demand may lead to Informal Development. ZFV. 135 (1).

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