

# GEOKRIŽIŠČE – IZ TUJIH STROKOVNI REVIJ

## OKTOBER–DECEMBER 2009

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### Allgemeine Vermessungs-Nachrichten

- Thiemann, K.-H. (2009). Stand und Perspektiven der freiwilligen Bodenordnung (Land- und Nutzungstausch). AVN, 116 (10).
- Thiemann, K.-H. (2009). Das Landentwicklungsverfahren nach § 86 FlurbG aus Sicht der Rechtsprechung zu Art. 14 GG. AVN, 116 (10).
- Saravanya, N., Winkemann, P. (2009). Stand der INSPIRE-Umsetzung in den deutschsprachigen EU-Mitgliedsländern. AVN, 116 (10).
- Thiemann, K.-H. (2009). Charakteristika und Schwerpunkte der ländlichen Bodenordnung in Deutschland. AVN, 116 (10).

### Geodetski list

- Hećimović, Ž., Bakalbašić, A. (2009). Prijedlog nomenklatura novih listova službenih karata (Proposal of Nomenclatures for the New Official Map Sheets). Geodetski list, 63 (3).
- Novaković, G., Đapo, A., Mahović, H. (2009). Razvoj i primjena pseudolita za pozicioniranje i navigaciju (Development and Pseudolite Applications in Positioning and Navigation). Geodetski list, 63 (3).
- Kaufmann, J., Aleksic, I. R., Odalovic, O. R. (2009). Razvoj katastra nekretnina u Srbiji (Real Estate Cadastre Development in Serbia). Geodetski list, 63 (3).
- Galić, J. (2009). Osrvt na neusklađenost i nedorečenost propisa u vezi s Planom posebnih dijelova nekretnine (An Overview of the Inconsistency and Incompleteness of Regulations Pertaining to the Plan of Separate Parts of Real-Estate). Geodetski list, 63 (3).

### Geoinformatica

- Alan M. Aindow. (2009). Developing Standards for 3D Imaging Systems - ASTM E57 International Technical Committee. GeoInformatics, 12 (6).
- Singh, R. (2009). Seeking a Global Path - BIM Standards Efforts. GeoInformatics, 12 (6).

- Dobson, M. W. (2009). Creating Rubust Functionalities - ADAS and 3D-Road Map Databases. *GeoInformatics*, 12 (6).
- Egido, A., Garcia, M., Caparrini, M. (2009). A Space Asset for Non-Space Applications - GNSS-R. *GeoInformatics*, 12 (6).
- Peck, R. (2009). Innovativa Uses of GPS and GIS Technology for Invasive Weed Management - Winning the War on Weeds. *GeoInformatics*, 12 (7).
- Cheng, P., Sustera, J. (2009). Using RapidEye Data without Ground Control - Automated High-Speed High-Accuracy Orthorectification and Mosaicking. *GeoInformatics*, 12 (7).
- Triglav, J. (2009). An Evolution of the Millennial Pair - Geolocation and Time. *GeoInformatics*, 12 (7).
- Cavinato, A., Pollet, M., Bellio, C., Piol, R. (2009). Processing of Data Downloaded in the First Year of Observation - Monumentation of Geodetic Permanent GPS stations. *GeoInformatics*, 12 (7).

---

### **GeoConnexionUK**

- Campbell, N. (2009). Data Classification - Fit for Purpose? *GeoConnexionUK*, 7 (5).
- Ramage, S. (2009). UK SDI: Lifecycle and supply chain considerations. *GeoConnexionUK*, 7 (5).
- Maglia-Norgren, K. (2009). Disaster Management and Monitoring. *GEO: International*, 8 (10).

---

### **GIM International**

- Talend, D. (2009). GNSS and Heavy Equipment. *GIM International*, 23 (10).
- Hunter, G., Minten, H., de Vries, J. J. (2009). Revolution in Highway Surveying. *GIM International*, 23 (10).
- Lemmen, C., Augustinus, C., van Oosterom, P. (2009). The Social Tenure Domain Model. *GIM International*, 23 (10).
- Roy, V., L., Coleman, D., Pegler, K. (2009). Choosing the Best Digital Elevation Model. *GIM International*, 23 (10).

---

### **GPS World**

- Hauschild, A., Montenbruck, O., Steigenberger, P., Hugentobler, U., Hessel, U. (2009). CONGO: First GPS/GIOVE Tracking Network for Science, Research. *GPS World*, 20 (9).
- Butler, B., Alparslan, H., Foegelle, M. D., Borsato, R. (2009). A-GPS Antenna Performance: Over-the-Air Test Method. *GPS World*, 20 (9).
- Kaba, J., Wu, S., Mau, S.-C., Zhao, T. (2009). Fusion of Multi-Sensor Networks. *GPS World*, 20 (10).

- Cameron, A. (2009). Multipath Measures Snow Depth. *GPS World*, 20 (11).
  - Morrison, A. (2009). Higher Timing Accuracy, Lower Cost. *GPS World*, 20 (11).
- 

## **ISPRS Journal of Photogrammetry and Remote Sensing**

- McNairn, H., Champagne, C., Shang, J., Holmstrom, D., Reichert, G. (2009). Integration of optical and Synthetic Aperture Radar (SAR) imagery for delivering operational annual crop inventories. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Waske, B., Braun, M. (2009). Classifier ensembles for land cover mapping using multitemporal SAR imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Silva, W. F., Rudorff, B. F. T., Formaggio, A. R., Paradella, W. R., Mura, J. C. (2009). Discrimination of agricultural crops in a tropical semi-arid region of Brazil based on L-band polarimetric airborne SAR data. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Ainsworth, T. L., Kelly, J. P., Lee, J.-S. (2009). Classification comparisons between dual-pol, compact polarimetric and quad-pol SAR imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Chatterjee, R. S., Saha, S. K., Kumar, S., Mathew, S., Lakhra, R. C., Dadhwal, V. K. (2009). Interferometric SAR for characterization of ravines as a function of their density, depth, and surface cover. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Dell'Acqua, F., Gamba, P., Lisini, G. (2009). Rapid mapping of high resolution SAR scenes. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Soergel, U., Michaelsen, E., Thiele, A., Cadario, E., Thoennesen, U. (2009). Stereo analysis of high-resolution SAR images for building height estimation in cases of orthogonal aspect directions. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Herrera, G., Tomás, R., Lopez-Sánchez, J. M., Delgado, J., Vicente, F., Mulas, J., Cooksley, G., Sanchez, M., Duro, J., Arnaud, A., Blanco, P., Duque, S., Mallorqui, J. J., De la Vega-Panizo, R., Monserrat, O. (2009). Validation and comparison of Advanced Differential Interferometry Techniques: Murcia metropolitan area case study. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (5).
- Kovordányi, R., Roy, C. (2009). Cyclone track forecasting based on satellite images using artificial neural networks. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Franceschi, M., Teza, G., Preto, N., Pesci, A., Galgaro, A., Girardi, S. (2009). Discrimination between marls and limestones using intensity data from terrestrial laser scanner. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Wöhler, C., d'Angelo, P., Krüger, L., Kuhl, A., Groß, H.-M. (2009). Monocular 3D scene reconstruction at absolute scale. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Yuan, X., Fu, J., Sun, H., Toth, C. (2009). The application of GPS precise point positioning technology in aerial triangulation. *ISPRS Journal of Photogrammetry and Remote Sensing*,

64 (6).

- Ayoub, F., Leprince, S., Avouac, J.-P. (2009). Co-registration and correlation of aerial photographs for ground deformation measurements. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Reitberger, J., Schnörr, C., Krzystek, P., Stilla, U. (2009). 3D segmentation of single trees exploiting full waveform LIDAR data. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Pu, S., Vosselman, G. (2009). Knowledge based reconstruction of building models from terrestrial laser scanning data. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Hais, M., Kučera, T. (2009). The influence of topography on the forest surface temperature retrieved from Landsat TM, ETM + and ASTER thermal channels. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Chen, W., Henebry, G. M. (2009). Change of spatial information under rescaling: A case study using multi-resolution image series. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Cascini, L., Fornaro, G., Peduto, D. (2009). Analysis at medium scale of low-resolution DInSAR data in slow-moving landslide-affected areas. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Adam, E., Mutanga, O. (2009). Spectral discrimination of papyrus vegetation (*Cyperus papyrus* L.) in swamp wetlands using field spectrometry. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Tournaire, O., Paparoditis, N. (2009). A geometric stochastic approach based on marked point processes for road mark detection from high resolution aerial images. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Dell'Endice, F., Nieke, J., Koetz, B., Schaeppman, M. E., Itten, K. (2009). Improving radiometry of imaging spectrometers by using programmable spectral regions of interest. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Becker, S. (2009). Generation and application of rules for quality dependent façade reconstruction. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Pringle, M. J., Schmidt, M., Muir, J. S. (2009). Geostatistical interpolation of SLC-off Landsat ETM+ images. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Mathys, L., Guisan, A., Kellenberger, T. W., Zimmermann, N. E. (2009). Evaluating effects of spectral training data distribution on continuous field mapping performance. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Lu, S., Shimizu, Y., Ishii, J., Funakoshi, S., Washitani, I., Omasa, K. (2009). Estimation of abundance and distribution of two moist tall grasses in the Watarase wetland, Japan, using hyperspectral imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).
- Suratno, A., Seielstad, C., Queen, L. (2009). Tree species identification in mixed coniferous

forest using airborne laser scanning. *ISPRS Journal of Photogrammetry and Remote Sensing*, 64 (6).

---

## Journal of Geodesy

- Weigelt, M., Sideris, M. G., Sneeuw, N. (2009). On the influence of the ground track on the gravity field recovery from high-low satellite-to-satellite tracking missions: CHAMP monthly gravity field recovery using the energy balance approach revisited. *Journal of Geodesy*, 83 (12).
- Jäggi, A., Dach, R., Montenbruck, O., Hugentobler, U., Bock, H., Beutler, G. (2009). Phase center modeling for LEO GPS receiver antennas and its impact on precise orbit determination. *Journal of Geodesy*, 83 (12).
- Hamayun, I. Prutkin and R. Tenzer. (2009). The optimum expression for the gravitational potential of polyhedral bodies having a linearly varying density distribution. *Journal of Geodesy*, 83 (12).
- Freeden, W., Fehlinger, T., Klug, M., Mathar, D., Wolf, K. (2009). Classical globally reflected gravity field determination in modern locally oriented multiscale framework. *Journal of Geodesy*, 83 (12).
- Jekeli, C., Jin Yang, H., Kwon, J. H. (2009). Using gravity and topography-implied anomalies to assess data requirements for precise geoid computation. *Journal of Geodesy*, 83 (12).
- Bouin, M.-N., Ballu, V., Calmant, S., Boré, J.-M., Folcher, E., Ammann, J. (2009). A kinematic GPS methodology for sea surface mapping, Vanuatu. *Journal of Geodesy*, 83 (12).
- Richter, B., Engels, J., Grafarend, E. (2010). Transformation of amplitudes and frequencies of precession and nutation of the earth's rotation vector to amplitudes and frequencies of diurnal polar motion. *Journal of Geodesy*, 84 (1).
- Bizouard, C., Seoane, L. (2010). Atmospheric and oceanic forcing of the rapid polar motion. *Journal of Geodesy*, 84 (1).
- Coulot, D., Pollet, A., Collilieux, X., Berio, P. (2010). Global optimization of core station networks for space geodesy: application to the referencing of the SLR EOP with respect to ITRF. *Journal of Geodesy*, 84 (1).
- Henkel, P., Günther, C. (2010). Partial integer decorrelation: optimum trade-off between variance reduction and bias amplification. *Journal of Geodesy*, 84 (1).
- Ballu, V., Bouin, M.-N., Calmant, S., Folcher, E., Bore, J.-M., Ammann, J., Pot, O., Diament, Pelletier, B. (2010). Absolute seafloor vertical positioning using combined pressure gauge and kinematic GPS data. *Journal of Geodesy*, 84 (1).
- Paláncz, B., Awange, J. L., Zaletnyik, P., Lewis, R. H. (2010). Linear homotopy solution of nonlinear systems of equations in geodesy. *Journal of Geodesy*, 84 (1).
- Ardalan, A. A., Karimi, R., Bilker-Koivula, M. (2010). An overdetermined geodetic boundary value problem approach to telluroid and quasi-geoid computations. *Journal of Geodesy*, 84(1).

---

## Photogrammetric Engineering & Remote Sensing

- Greenfield, E. J., Nowak, D. J., Walton, J. T. (2009). Assessment of 2001 NLCD Percent Tree and Impervious Cover Estimates. *PE&RS*, 75 (11).
  - Franks, S., Masek, J. G., Headley, R. M. K., Gasch, J., Arvidson, T. (2009). Large Area Scene Selection Interface (LASSI) Methodology of Selecting Landsat Imagery for the Global Land Survey 2005. *PE&RS*, 75 (11).
  - Eikvil, L., Holden, M., Huseby, R. B. (2009). Adaptive Registration of Remote Sensing Images using Supervised Learning. *PE&RS*, 75 (11).
  - Ji, L., Zhang, L., Wylie, B. (2009). Analysis of Dynamic Thresholds for the Normalized Difference Water Index. *PE&RS*, 75 (11).
  - Li, X., Yeh, A. G.-O., Qian, J., Ai, B., Qi, Z. (2009). A Matching Algorithm for Detecting Land Use Changes Using Case-Based Reasoning. *PE&RS*, 75 (11).
- 

## Survey Review

- Chiang, K.-W., Huang, Y.-S., Tsai, M.-L., Chen, K.-H. (2010). The perspective from Asia concerning the impact of Compass/Beidou-2 on future GNSS. *Survey Review*, 42 (315).
  - Rollins, C. M. (2010). An integral for geodesic length after derivations by P D Thomas. *Survey Review*, 42 (315).
  - Hwang, C., Cheng, T.-C., Cheng, C. C., Hung, W. C. (2010). Land subsidence using absolute and relative gravimetry: a case study in central Taiwan. *Survey Review*, 42 (315).
  - Easa, S. M. (2010). Space resection in photogrammetry using collinearity condition without linearization. *Survey Review*, 42 (315).
  - Mayunga, S. D., Coleman, D. J., Zhang, Y. (2010). Semi-automatic building extraction in dense urban settlement areas from high-resolution satellite images. *Survey Review*, 42 (315).
  - Song, Y., Zhu, J., Li, Z. (2010). The least-squares estimation of adjustment model constrained by some non-negative parameters. *Survey Review*, 42 (315).
  - Yang, G., He, X., Chen, Y. (2010). Integrated GPS and Pseudolite Positioning for deformation monitoring. *Survey Review*, 42 (315).
  - Bakula, M. (2010). Network code DGPS positioning and reliable estimation of position accuracy. *Survey Review*, 42 (315).
  - Caroti, G., Piemonte, A. (2010). Measurement of cross-slope of roads: evaluations, algorithms and accuracy analysis. *Survey Review*, 42 (315).
- 

## Zeitschrift für Geodäsie, Geoinformation und Landmanagement

- Thöne, K.-F. (2009). FIG Working Week 2009 in Eilat/Israel: »Surveyors Key Role in Accelerated Development«. *ZFV*, 134 (5).

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- Brüggemann, H. (2009). Public-Private SDI Challenges in Germany. ZFV, 134 (5).
- Heßelbarth, A. (2009). GNSS-Auswertung mittels Precise Point Positioning (PPP). ZFV, 134 (5).
- Schumann, M. (2009). Baulandbereitstellung und Dorfinnenentwicklung in der Flurbereinigung. ZFV, 134 (5).
- Becker, M. (2009). Status der Modernisierung von GPS und GLONASS und Perspektiven weiterer GNSS. ZFV, 134 (5).
- Schneider, M., Müller, J. (2009). 1609–2009: 400 Jahre Keplersche Gesetze. ZFV, 134 (5).
- Dölger, R., Hoffmann, C., Rückewold, H., Schuster, G. (2009). Einsatz von Geoinformationen im Verkehrsmanagement: Das Mobilitätsportal Rheinland-Pfalz. ZFV, 134 (5).