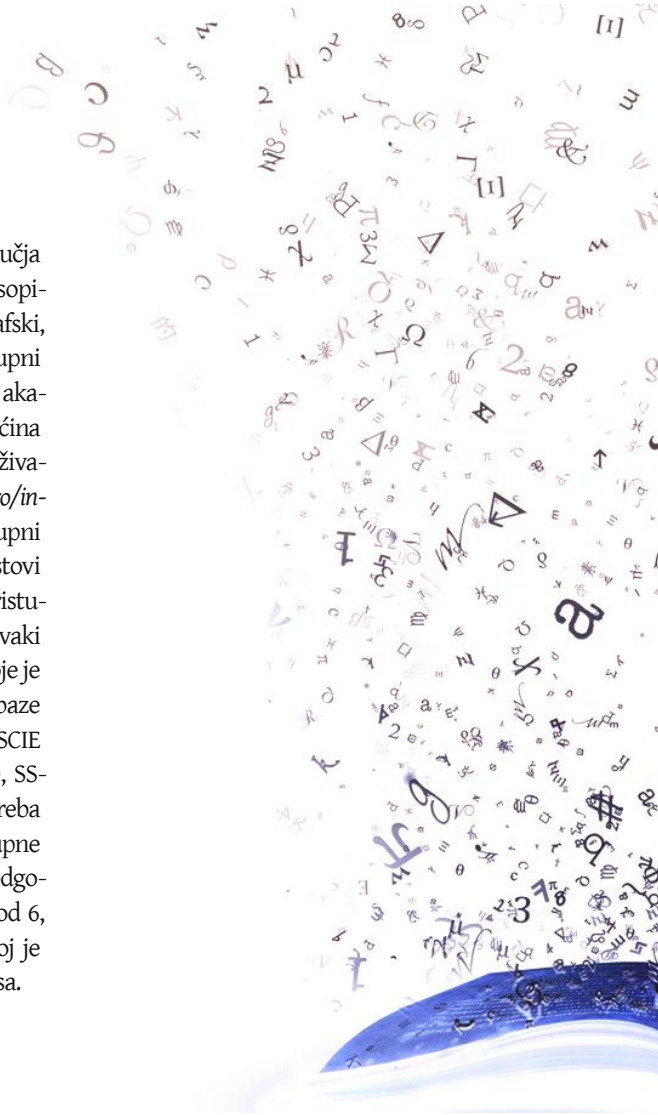
# From Journals Iz časopisa



From the field of cartography and geoinformation, there are journal's article extracts given which are not cartographic first and whose complete texts are on the Internet, accessible to the members of Croatian academic and research community. Most journals can be accessed through the PERO browser (*http://knjiznica.irb.hr/pero/index.php*). For the journals not found through this browser, the complete texts of the mentioned articles are available for free on the given web-address. Next to every journal headline, in the brackets, it is noted which prominent bibliographic and quotation bases it is placed in: CC (Current Contents), SCIE (Science Citation Index Expanded), and SSCI (Social Science Citation Index). It should be noted that, for some journals accessible through PERO browser, there is a delay of 6, 12 and even 18 months in accessing the newest issues. This number is given in the brackets next to the journal's headline.

Dan je izbor članaka iz područja kartografije i geoinformacija iz časopisa, koji nisu u prvom redu kartografski, a kojima su cjeloviti tekstovi dostupni na internetu članovima hrvatske akademske i istraživačke zajednice. Većina časopisa dostupna je preko pretraživača PERO (*http:// knjiznica.irb.hr/pero/index.php*). Za časopise koji nisu dostupni preko tog pretraživača cjeloviti tekstovi navedenih članaka slobodno su pristupačni na upisanoj web-adresi. Uz svaki je časopis u zagradi naznačeno u koje je ugledne bibliografske i citatne baze uvršten: CC (Current Contents), SCIE (Science Citation Index Expanded), SSCI (Social Science Citation Index). Treba naglasiti da za neke časopise, dostupne preko pretraživača PERO, postoji odgoda pristupa najnovijim brojevima od 6, 12, a ponekad i 18 mjeseci. Taj broj je naveden u zagradi uz naslov časopisa.

**Annals of the Association of American Geographers (CC, SSCI) (12)**

F. Harvey: The power of mapping: Considering discrepancies of Polish cadastral mapping, 2013, 4.

B. Jiang, X. Liu, T: Jia: Scaling of geographic space as a universal rule for map generalization, 2013, 4.

M. F. Goodchild: Prospects for a space–time GIS, 2013, 5.

**Applied Geography (CC, SSCI)**

*http://www.sciencedirect.com/science/journal/01436228*

V. Ngoc Chau, J. Holland, S. Cassells, M. Tuohy: Using GIS to map impacts upon agriculture from extreme floods in Vietnam, Vol. 41 July 2013.

P. Lacroix, J. Herzog, D. Eriksson, R. Weibel: Methods for visualizing the explosive remnants of war, Vol. 41 July 2013.

**Boletim de Ciencias Geodesicas (SCIE)**

*http://www.scielo.br/scielo.php?script=sci_issues&pid=1982-2170&lng=en&nrm=iso*

I. Barbosa: Geospatial metadata retrieval from web services, 2013, 1.

X. Zeng, Q. Du, F. Ren, F. Zhao: Design and implementation of a web interactive thematic cartography method based on on a web service chain, 2013, 2.

**Bullettin of the GSI (Geospatial Information Authority of Japan)**

*http://www.gsi.go.jp/ENGLISH/page_e30092.html*

H. Hasegava, N. Ishiyama: Publication of The Digital Maps (Basic Geospatial Information), Vol. 60, March 2013.

H. Ohno, T: Suzuki, N. Ishiyama: Publishing of Digital Topographic Map 25000, Vol. 60, March 2013.

**Canadian Geographer / Le Geographe Canadian (CC, SSCI)**

*http://onlinelibrary.wiley.com/doi/10.1111/-cag.2013.57.issue-1/issuetoc*

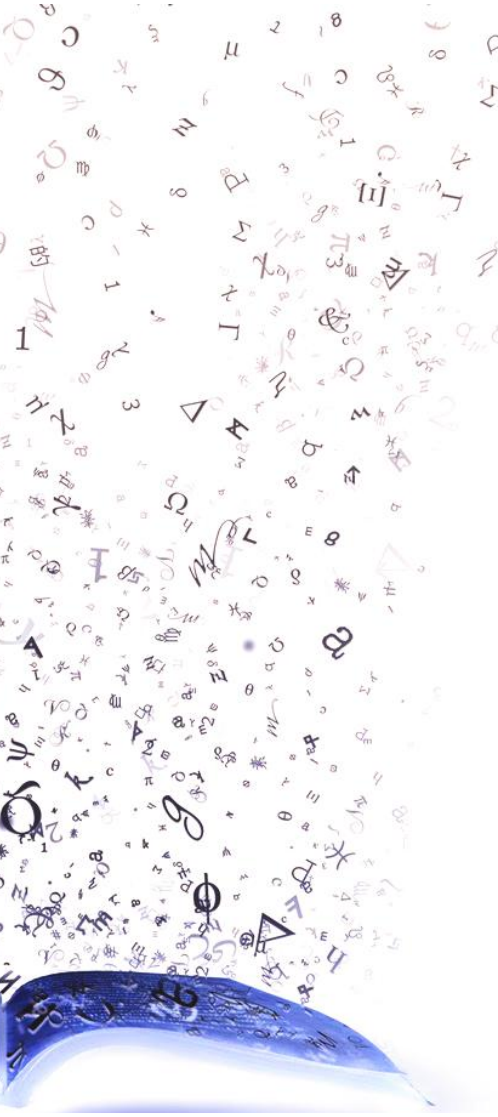
T. Scassa: Legal issues with volunteered geographic information, 2013, 1.

**Computers & Geosciences (CC, SCIE)**

A. Bezděk, J. Sebera: Matlab script for 3D visualizing geodata on a rotating globe, Vol. 56 July 2013.

M. Volpi, G. P. Petropoulos, M. Kanevski: Flooding extent cartography with Landsat TM imagery and regularized kernel Fisher's discriminant analysis, Vol. 57 August 2013,

F. Manzano-Agugliaro, C. San-Antonio-Gómez, S. López, F. G. Montoya, C. Gil: Pareto-based evolutionary algorithms for the calculation of transformation parameters and accuracy assessment of historical maps, Vol. 57 August 2013.



N. Kaklanis, K. Votis, D. Tzovaras: Open Touch/Sound Maps: A system to convey street data through haptic and auditory feedback, Vol. 57 August 2013.

**Coordinates (A monthly magazine on positioning, navigation and beyond)**

*http://mycoordinates.org*

S. Murai: Smart solutions for disaster management, 2013, 1.

Z. Y. Ahmed: GIS generalization, 2013, 9.

**Geocarto International (12)**

L. Zentai: The role of satellite images in the development of the Hungarian cartography until the 1980s, 2013, 1.

**Geoforum (CC, SSCI)**

J. Banski, M. Ferenc: "International" or "Anglo-American" journals of geography? Vol. 45 March 2013.

H. Jöns, M. Hoyler: Global geographies of higher education: The perspective of world university rankings, Vol. 46. May 2013.

**Geomatics and Environmental Engineering**

*http://journals.bg.agh.edu.pl/GEOMATICS/-index.php*

P. Hanus: Model of transformation of cadastral maps of former Austrian annexation with additional conditions on transformation parameters, 2012, 4.

**GIM International**

*http://www.gim-international.com/issues/*

C. P. M. J. van Elzakker: Focus on geoinformation users, 2013, 8.

**International Journal of Applied Earth Observation and Geoinformation (CC, SCIE)**

T. Hengl, M. Nikolić, R. A. MacMillan: Mapping efficiency and information content, Vol. 22, June 2013.

A. Comber, L. See, S. Fritz, M. Van der Velde, C. Perger, G. Foody: Using control data to determine the reliability of volunteered geographic information about land cover, Vol. 23, August 2013.

W. Hou, X. Zhang, X. Li, X. Lai, M. Ding: Poisson disk sampling in geodesic metric for DEM simplification, Vol. 23, August 2013.

**International Journal of Geographical Information Science (CC, SCIE, SSCI) (18)**

C. Duchêne, A. Ruas, C. Cambier: The CartACom model: transforming cartographic features into communicating agents for cartographic generalisation, 2012, 9.

D. J: Wright: Theory and application in a post-GISystems world, 2012, 12.

L. van den Brink, J. Stoter, S. Zlatanova: Establishing a national standard for 3D topographic data compliant to CityGML, 2013, 1.

F. Biljecki, H. Ledoux, P. van Oosterom: Transportation mode-based segmentation and classification of movement trajectories, 2013, 2.

S. Sun: A fast, free-form rubber-sheet algorithm for contiguous area cartograms, 2013, 3.

A. C. Teodoro, L. Duarte: Forest fire risk maps: a GIS open source application – a case study in Norwest of Portugal, 2013, 4.

M. Goetz: Towards generating highly detailed 3D CityGML models from OpenStreetMap, 2013, 5.

H. A. Karimi, P. Kasemsuppakorn: Pedestrian network map generation approaches and recommendation, 2013, 5.

S. J. Rey, L. Anselin, R. Pahle, X. Kang, P. Stephens: Parallel optimal choropleth map classification in PySAL, 2013, 5.

X. Zhang, J. Stoter, T. Ai, M-J. Kraak, M. Molenaar: Automated evaluation of building alignments in generalized maps, 2013, 8.

**International Journal of Geoinformatics**

M. Loidl, C. Traun: The effect of ACRC on the results of cartographic classification depending on spatial autocorrelation, 2013, ?

**International Journal of Remote Sensing (CC, SCIE) (18)**

L. Yu, P.Gong: Google Earth as a virtual globe tool for Earth science applications at the global scale: progress and perspectives, 2012, 12.

**International Research in Geographical & Environmental Education (12)**

S. Höhnle, B. Michel, G. Glasze, R. Uphues: Digital geodata traces – new challenges for geographic education, 2013, 2.

**ISPRS International Journal of Geo-Information**

*http://www.mdpi.com/journal/ijgi*

D. Fairbairn, M. Al-Bakri: Using geometric properties to evaluate possible integration of authoritative and volunteered geographic information, 2013, 2.

A. Pourabdollah, J. Morley, S. Feldman, M. Jackson: Towards an authoritative OpenStreetMap: Conflating OSM and OS OpenData National Maps' road network, 2013, 2.

**ISPRS Journal of Photogrammetry and Remote Sensing (CC, SCIE)**

H. Zhao, B. Zhang, C. Wu, Z. Zuo, Z. Chen: Development of a coordinate transformation method for direct georeferencing in map projection frames, Vol. 77 March 2013.

**Journal of Geography (CC, SSCI)**

*http://www.tandfonline.com/toc/rjog20-/current*

T. Niedomysl, E. Ellder, A. Larsson, M. Thelin, and B. Jansund: Learning Benefits of Using 2D Versus 3D Maps: Evidence from a Randomized Controlled Experiment, 2013, 3.

**Journal of Historical Geography (CC, SSCI) (12)**

J. W. Stephenson: The Column of Trajan in the light of ancient cartography and geography, Vol. 40 April 2013.

**Journal of Navigation (CC, SCIE)**

I. Delikostidis, J. Engel, B. Retsios, C. P J. M. van Elzakker, M-J. Kraak and J. Döllner: Increasing the usability of pedestrian navigation interfaces by means of landmark visibility analysis, 2013, 4.

**Journal of Spatial Information Science**

*http://www.josis.org/index.php/josis*

A. Toomanian, L. Harrie, A. Mansourian, P. Pilesjö: Automatic integration of spatial data in viewing services, 2013, 6.

R. E. Roth: Interactive maps: What we know and what we need to know, 2013, 6.

**Landscape and Urban Planing (CC, SCIE, SSCI) (12)**

B. C. Chamberlain, M. J. Meitner: A route-based visibility analysis for landscape management, Vol. 111 March 2013.

**Marine Geodesy (CC, SCIE) (12)**

A. Skopeliti, L. Tsoulos: Choosing a suitable projection for navigation in the Arctic, 2013, 2.

**Mitteilungen des DVW-Bayern e.V.**

*http://www.dvw-bayern.de/modules.php?-name=wirueberuns&pa=showpage&pid=18*

H. Zwerenz: Vom Topographischen Atlas zum BayernAtlas – 200 Jahre amtliche Topographische Karte 1:50 000, 2013, 1.

H. Fröhlich: Der BayernAtlas, 2013, 1.

**Photogrammetric Record (CC, SCIE) (12)**

J. Ou, G. Qiao, F. Bao, W. Wang, K. Di, R. Li: A new method for automatic large scale map updating using mobile mapping imagery, 2013, 143.

**Professional Geographer (Taylor & Francis) (CC, SSCI) (12)**

S. Sun: An optimized rubber-sheet algorithm for continuous area cartograms, 2013, 1.

# THE NATIONAL ACADEMIES PRESS

**The National Academy of Sciences founded The National Academies Press (NAP) with the goal of publishing reports of all four national academies. Annually, NAP publishes more than 200 books from the fields of science, engineering and medicine and offers more than 4000 titles in PDF on its website (http://-www.nap.edu/) free of charge.**

The titles are grouped in 19 categories. *Earth Sciences* include 13 subcategories, of which *Geography and Mapping* contains 38 titles. We pointed to some of them in representations Geodetic Board of the National Research Council of the USA (Geodetski list 2011, 1, 66–67) and Geodesy in National Academies of the USA (Cartography and Geoinformation 2011, 15, 202–203). Here we would like to emphasize the following five newer titles:

- Advancing Strategic Science: A Spatial Data Infrastructure for the U.S. Geological Survey (2012), http://www.nap.edu/catalog.php?record_id=13506
- Earth Science and Applications from Space: A Midterm Assessment of NASA's Implementation of the Decadal Survey (2012), http://-www.nap.edu/catalog.php?-record_id=13405
- Future U.S.Workforce for Geospatial Intelligence (2013), http://-www.nap.edu/catalog.php?record_id=18265
- Preparing the Next Generation of Earth Scientist: An Examination of Federal Education and Training Programs (2013), http://www.-nap.-edu/catalog.php?record_id=-18369
- Landsat and Beyond: Sustaining and Enhancing the Nation's Land

**Progress in Human Geography (CC, SSCI)**

S. Caquard: Cartography I: Mapping narrative cartography, 2013, 1.

**Remote Sensing of Environment (CC, SCIE)**

S. Jin, L. Yang, P. Danielson, C. Homer, J. Fry, G. Xian: A comprehensive change detection method for updating the National Land Cover Database to circa 2011, Vol. 132 May 2013.

S. Li, D. Sun, M. Goldberg, A. Stefanidis: Derivation of 30-m-resolution water maps from TERRA/MODIS and SRTM, Vol. 134 July 2013.

M. Ford: Shoreline changes interpreted from multi-temporal aerial photographs and high resolution satellite images: Wotje Atoll, Marshall Islands, Vol. 135 August 2013.

**Reports on geodesy**

*http://www.rog.gik.pw.edu.pl/*

W. Morgaś, Z. Kopacz: Rhumb-line sailing by computation, 2013, 1.

**South African Journal of Geomatics**

*http://www.sajg.org.za/index.php/sajg/article/view/28*

F. Schoeman, T. S. Newby, M. W. Thompson, E. C. Van den Berg: South African National land-cover change map, 2013, 2.

C. Musekiwa, K. Majola: Groundwater vulnerability map for South Africa, 2013, 2.

L. Kelly: Maps, libraries and the "GIS Librarian": an informal review of international cartographic libraries, 2013, 2.

**Transactions in GIS (12)**

Mi. Polczynski, Ma. Polczynski: A Microsoft Excel application for automatically building historical geography GIS maps, 2013, 1.

D. Zielstra, H. H. Hochmair, P. Neis: Assessing the effect of data imports on the completeness of OpenStreetMap - A United States Case Study, 2013, 3.

W. Gao, A. Stein, L. Yang, Y. Wang, H. Fang: Improving representation of land-use maps derived from object-oriented image classification, 2013, 3.

**Transactions of the Institute of British Geographers (CC, SSCI) (12)**

R. Kitchin, J. Gleeson, M. Dodge: Unfolding mapping practices: a new epistemology for cartography, 2013, 3.

**Vermessung Brandenburg**

*http://www.geobasis-bb.de/GeoPortal1/produkte/verm_bb.htm*

B. Meier: Auf digitalen Wegen – Online-Wegeverwaltung des Deutschen Wanderverbands, 2012, 2,

*Nedjeljko Frančula* ■

# THE NATIONAL ACADEMIES PRESS

**Nacionalna akademija znanosti Sjedinjenih Američkih Država (National Academy of Sciences) osnovala je The National Academies Press (NAP) s ciljem da objavljuje izvještaje sve četiri nacionalne akademije. NAP objavljuje godišnje više od 200 knjiga iz područja znanosti, inženjerstva i medicine i na svojim mrežnim stranicama (http://www.nap.edu/) besplatno nudi više od 4000 naslova u PDF-u.**

Svi naslovi svrstani su po srodnosti u 19 skupina. Skupina *Earth Sciences* uključuje 13 podskupina od kojih *Geography and Mapping* sadrži 38 naslova. Na neke od tih naslova skrenuli smo pozornost geodeta i kartografa u prikazima Geodetski odbor Nacionalnog istraživačkog vijeća SAD-a (Geodetski list 2011, 1, 66–67) i Geodezija u nacionalnim akademijama SAD-a (Kartografija i geoinformacije 2011, 15, 202–203). Ovdje skrećemo pozornost na pet najnovijih naslova:

- Advancing Strategic Science: A Spatial Data Infrastructure for the U.S. Geological Survey (2012), http://www.nap.edu/catalog.php?record_id=13506