

BOOK, JOURNAL AND OTHER PUBLICATIONS REVIEWS

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 carto-

graphy 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 Planning (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 sub-categories, 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 ■

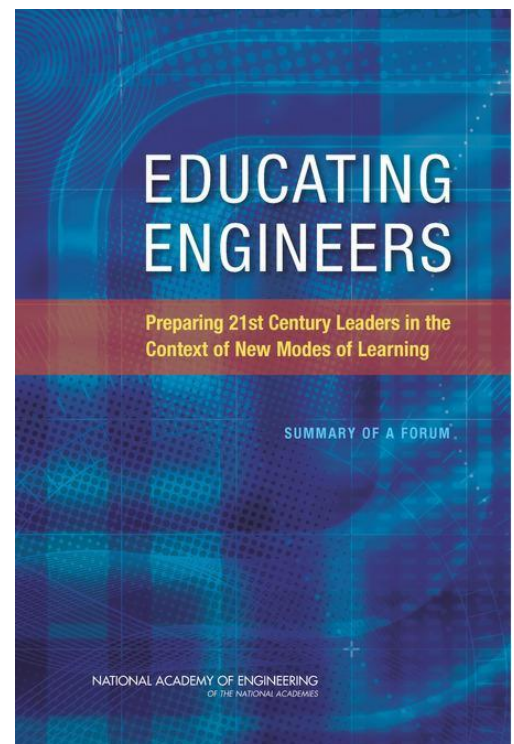
THE NATIONAL ACADEMIES PRESS

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, inženjstva 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



Imaging Program (2013), http://www.nap.edu/catalog.php?record_id=18420.

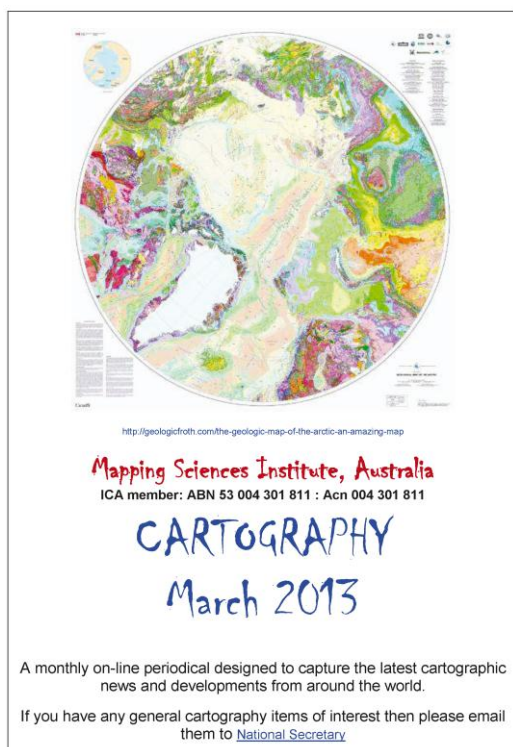
We would also like to emphasize the following publication from the *Engineering Education* subcategory of the *Education* category:

- *Educating Engineers: Preparing 21st Century Leaders in the Context of New Modes of Learning* (2013), http://www.nap.edu/catalog.php?record_id=18254 which includes reflections of six experts (professors, administrators,

entrepreneurs, innovators) on the future of engineering and engineering education.

Nedjeljko Frančula ■

CARTOGRAPHY – Periodical



Members of the Institute have traditionally been cartographers and geodesists, but new members are usually highly educated in some variant of the geospatial science. MSIA's goal is to promote the science of map production in education and the community as a whole, believing that maps and other forms of representing geoinformation are the basis of managing environment and economic and social development of our society.

In addition to its other activities, MSIA publishes the online publication *Cartography* on a monthly basis, intending to pool the latest cartographic news and happenings from all over the world. It was published with the title *eCarto* until September 2012 and it has been published with the title *Cartography* ever since. The publication's full text is available free of charge at: <http://www.mapping-sciences.org.au/ecarto>. Each issue has about 30 pages and briefly informs of a novelty or happening, illustrated with one or more pictures and a link to the full text. The news are grouped according to similarity, e.g. Crowd Sourcing, Environmental Mapping, Cartography for the Health Industry, Cartography – Applications and so on. At the present

moment (end of July 2013), the latest issue is from May 2013. I recommend visiting the mentioned website to all cartographers and experts in related professions. To illustrate the kinds of news included in the publication, here are some examples from the latest issue (May 2013).

- 10 things you didn't know about Google Maps and Google Earth
- What's the best type of map to use for driving? Satnavs, route planners and smartphone apps
- Video: Map shows change in 17th C landownership
- OpenStreetMap: The Maps In Your Apps Are About To Get A Lot Better
- DIY cartography: Hands on with MapBox's new open source 'iD' editor in OpenStreetMap
- More than Mapping: Using GIS for disaster management
- Mapping the travel of invasive marine species
- Mapping Disease
- Mapping your way to better health
- The Value of Free Mapping Tools for Business Analysis.

Nedjeljko Frančula ■

The Mapping Sciences Institute, Australia (MSIA) is an Australian association of experts concerned with the science of map production and/or geospatial science, with the latter being defined as studying spatial aspects of geographic databases. Its members are professionals, academic experts and students.

- 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 Imaging Program (2013), http://www.nap.edu/catalog.php?record_id=18420.
- Jedna od spomenutih 19 skupina je i *Education* iz čije podskupine *Engineering Education* izdvajamo publikaciju:
- Educating Engineers: Preparing 21st Century Leaders in the Context of New Modes of Learning (2013), http://www.nap.edu/catalog.php?record_id=18254 koja donosi razmišljanja šest stručnjaka (nastavnika, administratora, poduzetnika, inovatora) o budućnosti inženjerstva i inženjerskog obrazovanja.
- Nedjeljko Frančula ■

CARTOGRAPHY – periodička publikacija

The Mapping Sciences Institute, Australia (MSIA) je australsko udruženje stručnjaka koji se bave znanostima o izradi karata i/ili geoprstornom znanostima – pri čemu se ova posljednja definira kao proučavanje prostornih aspekata geografskih skupova podataka. Članovi udruženja su praktičari, akademski stručnjaci i studenti iz tih područja.

Tradicionalno članovi udruženja su kartografi i geodeti, ali novi članovi obično imaju visoku školsku spremu iz neke varijante geoprstorne znanosti. Svrha MSIA-e je promicanje znanosti o izradi karata na području obrazovanja i zajednice u cjelini u uvjerenju da su karte i drugi oblici prikazivanja geoinformacija osnova na kojoj počiva upravljanje okolišem te ekonomski i socijalni razvoj našeg društva.

MSIA među ostalim aktivnostima izdaje jednom mjesečno *on-line* publikaciju *Cartography* namijenjenu prikupljanju najnovijih kartografskih vijesti i zbivanja iz cijeloga svijeta. Do rujna 2012. izlazila je pod naslovom *eCarto*, a od listopada 2012. izlazi pod

naslovom *Cartography*, a cjeloviti sadržaj publikacije svima je slobodno dostupan na adresi: <http://www.mappingsciences.org.au/ecarto>. Svaki broj na približno tridesetak stranica donosi kratku informaciju o nekoj vijesti ili zbivanju, ilustriranu s jednom ili više slika i poveznicom na cjeloviti tekst. Vijesti su po srodnosti skupljene u određene odjeljke, npr. Množinsko skupljanje podataka (*Crowd Sourcing*), Kartografiranje okoliša (*Environmental Mapping*), Kartografija u zdravstvenoj industriji (*Cartography for the Health Industry*), Kartografija – Primjene (*Cartography - Applications*) i slično. U ovome trenutku (kraj srpnja 2013.) najnoviji broj je iz svibnja 2013. Posjet tim mrežnim stranicama preporučujem svim kartografima i stručnjacima srodnih struka. Za ilustraciju o kakvim se vijestima radi navodim nekoliko naslova iz posljednjeg broja (svibanj 2013.).

- 10 things you didn't know about Google Maps and Google Earth
- What's the best type of map to use for driving? Satnavs, route planners and smartphone apps
- Video: Map shows change in 17th C

- landownership
- OpenStreetMap: The Maps In Your Apps Are About To Get A Lot Better
- DIY cartography: Hands on with MapBox's new opensource 'iD' editor in OpenStreetMap
- More than Mapping: Using GIS for disaster management
- Mapping the travel of invasive marine species
- Mapping Disease
- Mapping your way to better health
- The Value of Free Mapping Tools for Business Analysis.

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