

GEOGRAPHICAL INSTITUTE "JOVAN CVIJIĆ"  
SERBIAN ACADEMY OF SCIENCES AND ARTS  
JOURNAL OF THE GEOGRAPHICAL  
INSTITUTE "JOVAN CVIJIĆ" SASA

Vol. 66 • № 3

Belgrade  
2016





GEOGRAPHICAL INSTITUTE "JOVAN CVIJIĆ"  
SERBIAN ACADEMY OF SCIENCES AND ARTS



JOURNAL OF THE GEOGRAPHICAL  
INSTITUTE "JOVAN CVIJIĆ" SASA

Vol. 66 • № 3

BELGRADE  
2016

PUBLISHER

**Geographical Institute "Jovan Cvijić" SASA**

11000 Belgrade, Djure Jaksica 9, REPUBLIC OF SERBIA

Telephone / fax: +381 11 26-37-597, E-mail: zbornik@gi.sanu.ac.rs

ACTING PUBLISHER: Milan Radovanović

EDITORS: Milan Milenković, Marko D. Petrović (Belgrade)

EDITORIAL BOARD: Nikola Tasić (academician SASA, Belgrade), Olga Hadžić (academician SASA, Belgrade), Slobodan Marković (academician SASA), Božidar Čurčić (academician BAS, Sofia, Serbian biological society, Belgrade), Jugoslav Nikolić (Republic hydrometeorological service of Serbia, Belgrade), Rajko Bukvić (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Milan Radovanović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Željko Bjeljac (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Milan Milenković (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Tivadar Gaudenyi (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Jelena Čalić (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Boško Milovanović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Darko Vuković (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Aleksandra Terzić (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Dragana Milijašević (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Ana M. Petrović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Marko D. Petrović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Ana Milanović Pešić (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Bojan Gavrilović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Dejana Jakovljević (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Jovana Brankov (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Vesna Lukić (Institute for social sciences-Demographic research center, Belgrade), Milena Panić (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Marko Urošev (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Stefana Babović (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Gorica Stanojević (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Marija Drobnjaković (Geographical Institute "Jovan Cvijić" SASA, Belgrade), Siniša Zarić (Faculty of Economics, Belgrade), Branislav Đurđev (Faculty of Sciences, Novi Sad).

INTERNATIONAL EDITORIAL BOARD: *Physical Geography*: Christoph Schneider (Geography Department, Faculty of Mathematics and Natural Sciences, Humboldt University, Germany), Mariyana Nikolova (National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences, Bulgaria), Dimitri Vandenberghe (Geological Institute, Ghent University, Belgium), Sandu Boengiu (Department of Geography, Faculty of Sciences, University of Craiova, Romania), Saumitra Mukherjee (School of Environmental Sciences, Jawaharlal Nehru University, India), João Fernando Pereira Gomes (Higher Engineering Institute of Lisbon, Portugal), Svetlana Malkhazova (Faculty of Geography, Moscow State University "M. V. Lomonosov", Russia), Ulrike Pröbstl-Haider (Institute of Landscape Development, Recreation and Conservation Planning, BOKU University of Natural Resources and Life Sciences, Austria), Alexandra Jiricka (Institute of Landscape Development, Recreation and Conservation Planning, BOKU University of Natural Resources and Life Sciences, Austria); *Social Geography*: Yaroslav Vykylyuk (Faculty of Computer Systems and Technologies, Bukovinian University, Ukraine), Rahman Nurković (Department of Geography, Faculty of Science, University of Sarajevo, Bosnia and Herzegovina), Alon Gelbman (Department of Tourism and Hotel Management, Kinneret College on the Sea of Galilee, Israel), Etienne Piguet (Institute of Geography, University of Neuchâtel, Switzerland), Gaëlle Hallair (CNRS UMR Géographie-Cités, France); János Péntzes (Department of Social Geography and Regional Development Planning, University of Debrecen, Hungary), Anatoly Yamashkin (Faculty of Geography, N. P. Ogarev Mordovia State University, Russia), Vladimir Tikunov (Faculty of Geography, Moscow State University "M. V. Lomonosov", Russia).

TECHNICAL EDITOR: Dejana Jakovljević

PRINTING OF THIS PUBLICATION WAS SUPPORTED BY

Ministry of Education, Science and Technological Development of the Republic of Serbia

CIRCULATION 300

PRINTED BY Colorgrafx.doo, Beograd

WEB PRESENTATION



www.ebscohost.com

www.gi.sanu.ac.rs

www.doiserbia.nb.rs

ISSN 0350-7599

e-ISSN: 1821-2808

UDC: 910/911.3