

**INTERNATIONAL JOURNAL OF DISASTER RISK MANAGEMENT
(IJDRM)**

UDC: 614.8.069

ISSN 2620-2662
ISSN (online) 2620-2786

SCIENTIFIC-PROFESSIONAL SOCIETY FOR DISASTER RISK MANAGEMENT,
BELGRADE, THE REPUBLIC OF SERBIA

INTERNATIONAL JOURNAL OF DISASTER RISK MANAGEMENT (IJDRM)

Vol. 3 • № 2

Belgrade, 2021

PUBLISHER

Scientific-Professional Society for Disaster Risk Management, Belgrade, the Republic of
Serbia

E-mail: disaster.risk.management.serbia@gmail.com

Website - www.upravljanje-rizicima.com

EDITORIAL BOARD

Editor-in-Chief

Assoc. Prof. **Vladimir M. Cvetković**, PhD, vmc@fb.bg.ac.rs; vladimirkpa@gmail.com

Faculty of Security Studies, University of Belgrade, Gospodara Vucica 50, 11040 Belgrade,
Serbia; Scientific-Professional Society for Disaster Risk Management, Belgrade;
International Institute for Disaster Research, Belgrade.

Web-site - <https://vladimircvetkovic.upravljanje-rizicima.edu.rs/>.

International editorial board

Professor **Rajib Shaw**, PhD

Graduate School of Media and Governance, Keio University Shonan Fujisawa Campus
(SFC), Japan, shaw@sfc.keio.ac.jp.

Professor **Kevin Ronan**, PhD

Clinical Psychology School of Health, Medical and Applied Sciences, CQUniversity,
Rockhampton, Australia, k.ronan@cqu.edu.au.

Professor & Director, **Naim Kapucu**, PhD

School of Public Administration, University of Central Florida, 4364 Scorpis Street, USA,
kapucu@ucf.edu.

Full professor **Eric Noji**, MD, MPH, DTM&H(Lon), PhD

Distinguished University Professor and Senior Consultant in Emergency Medicine, King Saud
University Hospitals and College of Medicine, Washington, D.C., USA, eric@eknoji.com.

Full Professor **Igor Khripunov**, PhD

Center for International Trade and Security School of Public and International
Affaires University of Georgia in Athens (UGA) 120 Academic Building, Athens, GA 30602,
USA, igokhrip@uga.edu.

Damon P. Coppola, PhD

Disaster Management Specialist, Pacific Disaster Center, and Principal, Shoreline Risk,
Hawaii, USA, dcoppola@shorelinerisk.com.

Prof. Dr. **Eng. Alexandru Ozunu**, PhD

Dean of the Faculty of Environmental Science and Engineering, "Babeş-Bolyai" University,
Romania, alexandru.ozunu@gmail.com.

Prof. Dr. **Dimitar Dimitrov**, PhD

Head of National and Regional Security Department, Dean of Faculty 'Economics of
Infrastructure' at University of National and World Economy (UNWE), Sofia, Bulgaria,
dindim@unwe.bg.

Assoc. Prof. **Rositsa Velichkova**, PhD

Department Hydroaerodynamics and Hydraulic machines, Technical university of Sofia,
1000 Sofia, 8 Kl. Ohridski Ave, Bulgaria, rositsavelichkova@abv.bg.

Full Prof. **Miroslav Vesković**, PhD

European Commission, Joint Research Centre, Inter-institutional, International Relations and Outreach, Brussels/Belgium, Miroslav.VESKOVIC@ec.europa.eu.

Assoc. Prof. **Rita Mano**, PhD

Department of Human Services, University of Haifa, Mount Carmel, Haifa 31995, Israel, ritamano@research.haifa.ac.il.

Assoc. Prof. **Igal M. Shoheit**, PhD

Ben-Gurion University of the Negev, Department of Structural Engineering, Beersheba, Israel, igals@bgu.ac.il.

Assist. Prof. **Blaz Komac**, PhD

Head of the Department of natural hazards, Anton Melik Geographical Institute ZRC SAZU, Slovenia, blaz@zrc-sazu.si.

Prof. **Caroline Brassard**, PhD

Lee Kuan Yew School of Public Policy in Singapore, dr.cbrassard@gmail.com.

Prof. **Lamiaa A Fiala**, Mbbch, MPH, DrPH, MSc.Edu, PhD

Public Health & Preventive Medicine Community Medicine Dept. Faculty of Medicine, Suez Canal University Ismailia, Egypt, lamiaafiala@yahoo.com.

Giulia Roder, PhD

Department of Land, Environment, Agriculture and Forestry, University of Padova, Agripolis, viale dell'Università 16, 35020 Legnaro, Italy, giu.roder@gmail.com.

Assoc. Prof. **Adem Ocal**, PhD

Independent researcher, Ankara, 06500, Turkey, ocaadem@gmail.com.

Assoc. Prof. **Aleksandar Ivanov**, PhD

Faculty of Security-Skopje, University of Bitola , Macedonia, akademec@gmail.com.

Juel RanaKutub

Faujdarhat Cadet College Faujdarhat, Sitakundu, Chittagong 4616, Bangladesh, juelrana63@yahoo.com.

Full Prof. **Slavoljub Dragičević**, PhD

University of Belgrade Faculty of Geography, Studentski Trg 3/III, 11000 Belgrade, Serbia sasa@gef.bg.ac.rs.

Assist. Prof. **Ivan Novković**, PhD

University of Belgrade Faculty of Geography, Studentski Trg 3/III, 11000 Belgrade, Serbia novkovic.ivan@gmail.com.

Full Prof. **Stanimir Kostadinov**, PhD

University of Belgrade Faculty of Forest, Kneza Visislava 1, 11000 Belgrade, Serbia, stanimir.kostadinov@sfb.bg.ac.rs.

Full Prof. **Vladimir Jakovljević**, PhD

University of Belgrade Faculty of Security Studies, Gospodara Vucica 50, 11040 Belgrade, Serbia vjakov@fb.bg.ac.rs.

Full Prof. **Jasmina Gačić**, PhD

University of Belgrade Faculty of Security Studies, Gospodara Vucica 50, 11040 Belgrade, Serbia, jasmina.gacic@fb.bg.ac.rs.

Full Prof. **Marija Jevtic**, MD, PhD

University of Novi Sad, Faculty of Medicine, Institute of Public Health of Vojvodina, Serbia, marija.jevtic@uns.ac.rs.

Full Prof. **Boban Milojković**, PhD

Academy of Criminalistic and Police Studies, Belgrade, Cara Dušana 196, Belgrade, Serbia
boban.milojkovic@kpu.edu.rs.

Full Prof. **Želimir Kešetović**, PhD

Faculty of Security Studies, University of Belgrade, Gospodara Vucica 50, 11040 Belgrade, Serbia, zelimir.kesetovic@gmail.com.

Assoc. Prof. **Jovana Nikolov**, PhD

University of Novi Sad, Faculty of Sciences, Department of Physics, Faculty of Sciences
University of Novi Sad, Serbia, jovana.nikolov@df.uns.ac.rs.

Full Prof. **Srdan Milašinović**, PhD

University of Criminal Investigation and Police Studies, Belgrade, Cara Dušana 196, Belgrade, Serbia, srdjan.milasinovic@kpu.edu.rs.

Full Prof. **Dragan Mladjan**, PhD

University of Criminal Investigation and Police Studies, Belgrade, Cara Dušana 196, Belgrade, Serbia, dragana.mladjan@kpu.edu.rs.

Full Prof. **Goran Milošević**, PhD

University of Novi Sad, Faculty of Law, Trg Dositeja Obradovića 1, 21000 Novi Sad, Serbia, g.milosevic@pf.uns.ac.rs.

Full Prof. **Tatjana Bugarski**, PhD

University of Novi Sad, Faculty of Law, Trg Dositeja Obradovića 1, 21000 Novi Sad, Serbia, t.bugarski@pf.uns.ac.rs.

Full Prof. **Aleksandra Ljuština**, PhD

University of Criminal Investigation and Police Studies, Belgrade, Cara Dušana 196, Belgrade, Serbia, dejan.boskovic@kpu.edu.rs.

Ana M. Petrović, PhD

Research Associate of the Geographical Institute „Jovan Cvijić“ of the Serbian Academy of Sciences and Arts

Assoc. Prof. **Bojan Janković**, PhD

University of Criminal Investigation and Police Studies, Belgrade, Cara Dušana 196, Belgrade, Serbia, bojan.jankovic@kpu.edu.rs.

Full prof. **Sergey Alekseevich Kachanov**, PhD

Deputy Director of the Russian-Serbian Humanitarian Center, Honored Scientist of the Russian Federation, laureate of the Russian Government Prize in Science, Academician of the Russian Academy of Natural Sciences; kachanov.sa@ihc.rs

Editorial secretary

Jovana Martinović

English Language Editor and Proof-Reader

Petar Marković

Printed by

Neven, Belgrade

Ordering:

Scientific-Professional Society for Disaster Risk Management Belgrade (<https://upravljanje-rizicima.com/>), Dimitrija Tucovića 121, Belgrade, Serbia

Fax/faks: +381 (0)1 425 77 94

E-mail: disaster.risk.management.serbia@gmail.com

PDF version of the journal

www.upravljanje-rizicima.com Published twice times a year