

# Quality of Life

(Banja Luka)

**Izdavač/Published by** Panevropski univerzitet "Apeiron" Banja Luka/ Pan-European University "Apeiron" Banja Luka  
**Urednik izdavača/Editor of University Publications** Aleksandra Vidović, Bosnia and Herzegovina

**Editor-in-Chief - Ljiljana Stojanović-Bjelić** (Bosnia and Herzegovina)

**Deputy Editor-in-Chief - Dragana Nešković Markić** (Bosnia and Herzegovina)

**Assistant Editors - Drago Nedić** (Bosnia and Herzegovina)

**Jagoda Balaban** (Bosnia and Herzegovina)

## International Editorial Board

Smriti Pandey (State Ayurvedic College and Hospital, Lucknow, India)  
Yogesh Chandra Tripathi (Forest Research Institute, Dehradun, India)  
Christian Jost (Specialist Clinic for Psychiatry and Psychotherapy, Zülpich, Germany)  
Ioan Sebastian Bruma ("Gh. Zane" Institute for Economic and Social Research, Romanian Academy, Iasi, Romania)  
Luis Perez-Dominguez (Autonomous University of Ciudad Juárez, Ciudad Juárez, Mexico)  
Muhammad Ahmedani (King Saud University, Riyadh, Saudi Arabia)  
Zagir Vagitovich Ataev (Dagestan State University, Makhachkala, Russia)  
Senapathy Marisennayya (Wolaita Sodo University, Sodo, Ethiopia)  
Cantalejo Maria-Jesus (Public University of Navarre, Pamplona, Spain)  
Mirjana Vojinović Miloradov (University of Novi Sad, Novi Sad, Serbia)  
Ihsan Ullah (Khyber Medical University Peshawar, Pakistan)  
Olga Martin-Bello (University of Lleida, Lleida, Spain)  
Rajković Andrea (Ghent University, Ghent, Belgium)  
Srebenkoska Vineta (Goce Delcev University of Štip, Štip, North Macedonia)  
Predrag Ilić (Institute for Protection and Ecology of the Republic of Srpska, Banja Luka, Bosnia and Herzegovina)  
Vasiljević Todor (Victoria University, Melburn, Australia)  
Slađana Šiljak (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Sanja Brekalo (University of East Sarajevo, Bosnia and Herzegovina)  
Savka Adamović (University of Novi Sad, Novi Sad, Serbia)  
Ndi Mercy Ofole (Faculty of Education, University of Ibadan, Nigeria)  
Gabriel Paulraj Michael (G.S. Gill Research Institute, Guru Nanak College, Chennai, Tamil Nadu, India)

## Editorial council

Aleksić Siniša (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Avramović Zoran Ž. (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Slaven Grbić (Veterinary Institute, Banja Luka, Bosnia and Herzegovina)  
Gordan Bajić (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Branislav Mihajlović (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Jašić Midhat (University of Tuzla, Tuzla, Bosnia and Herzegovina)  
Hristina Stevanović Čarapina (Educons University, Sremska Kamenica, Serbia)  
Radojka Bijelić (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Uremović Darko (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)  
Vidović Aleksandra (Paneuropean University Apeiron, Banja Luka, Bosnia and Herzegovina)

**Editorial Office** **Quality of Life**  
**Pan-European University Apeiron**  
**Pere Krece 13, 78 000 Banja Luka, B&H**

**Tel: +387 51 247 910; Mob: +387 65 141 619; Fax: +387 51 247 921**  
**e-mail: qol@apeiron-edu.eu; sekretar@qol-au.com**  
**redakcija@qol-au.com; URL: http://www.qol-au.com**

**Secretary** Igor Grujić  
**Language Editor** (English, Serbian) Bojana Pejić  
**Technical Editor/Layout** Sretko Bojić  
**Web design** Alen Tatarević  
**Printed by** Markos design & print studio, Banja Luka  
Printed in 300 copies

## Aim and Scope

Quality of Life publishes original research papers and reviews and aims to provide a forum for the rapid dissemination of significant novel research in the various disciplines encompassing the Science and technology of food, Public health engineering, Sanitary inspection and control, Environmental and public health. Topics covered by the journal include:

- Dietetics; Nutrition principles applied to foods
- Food Technology; Production and preservation of foodstuffs; Food preservation technique
- Industrial microbiology; Science and technique of applied microbiology; Applied mycology
- Public Health, environment and hygiene
- Hygiene of air, water, soil; Pollution and its control
- Water; Sanitation; Water treatment
- Sewage; Treatment, disposal, utilization of sewage
- Urban hygiene; Wastes; Refuse; Rubbish; Garbage; Collection and disposal of town wastes
- Measures against industrial and other nuisances
- Occupational health hazards; Occupational health and hygiene
- Ecology; Environmental engineering, sustainability and health
- Related topics

**UDC 614** Quality of Life is registered with the Ministry of Science and Technology of the Republic of Srpska by serial registration code 07.030-053-160-4/10, date 03.03.2010.  
Quality of Life (ISSN 1986-602X) is an international journal published two times a year.

## Indexed in:

 [ebscobase.com](http://ebscobase.com)

 [citefactor.org/contact](http://citefactor.org/contact)

 [scholar.google.com](http://scholar.google.com)

 [doisrpska.nub.rs](http://doisrpska.nub.rs)

 [crossref.org](http://crossref.org)

 [road.issn.org](http://road.issn.org)

 [cosmosimpactfactor.com](http://cosmosimpactfactor.com)

 [erihplus.nsd.no](http://erihplus.nsd.no)

 [esjindex.org](http://esjindex.org)