

Jelena Z. Andrejić, PhD

ASSISTANT PROFESSOR, BIOLOGY

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EDUCATION

2012	PhD , The University of Belgrade, Faculty of Biology, Doctoral studies in biology, Module: Experimental and Applied Botany, Belgrade, Serbia
2006	BSc and MSc , The University of Nis, Faculty of Sciences and Mathematics, Nis, Serbia (Department for Biology and Ecology)

PROFESSIONAL EXPERIENCE

2016-present	Assistant Professor , The University of the Bahamas
2015	Fulbright Postdoctoral Research Associate , Georgia College and State University, Department of Biological and Environmental sciences, USA (PI: Dr. Kalina Manoylov)
2014-2016	Assistant Professor , Educons University, Faculty for Ecological Agriculture and Faculty for Environmental protection, Serbia
2014-2016	Assistant Coordinator , Tempus EU projects “CASA” & “EDUVET”, Educons University
2014-2016	Trainer , European Training Academy
2011-2014	Research Assistant , Institute for nuclear sciences “Vinča”, Serbia
2009-2013	Advisor , Ministry of Sciences and Technological Development, Serbia
2006-2007	Laboratory technician , University center for electron microscopy, Nis, Serbia

TEACHING EXPERIENCE

The University of the Bahamas, 2016	100-300 level undergraduate classes
Educons University, Faculty for Ecological Agriculture and Faculty for Environmental protection, 2014	Undergraduate
European Training Academy, 2014	Horizon 2020, program for funding science in Europe

AWARDS & SCHOLARSHIPS

Fulbright Postdoctoral Award	Department of Biological and Environmental sciences, Georgia College and State University, USA, 2015 (PI Dr. Kalina Manoylov)
Dennis Cooke Aquatic Scholarship	University of Iowa, Iowa Lakeside Lab, Ecology and Systematics of Diatoms (research grant), 2009
Charles Reimer Scholarship	University of Iowa, Iowa Lakeside Lab, Ecology and Systematics of Diatoms (student), 2008
Scholarship	Ministry of Science and technological Development, Serbia, 2008
II place	Fame Lab competition for the popularization of Science, Serbia, 2008
Scholarship	Foundation for the development of scientific and artistic progeny, Serbia, 2007

PUBLICATIONS

Andrejić, Jelena Z., & Manoylov, K. M. (2024). Diatom community dynamics due to sedimentation changes in the Savannah. In A. Tiwari, A. Pandey, P.-L. Show, & P. Binod (Eds.), *Diatoms: Ecology and biotechnological applications* (Chapter 4). CRC Press. <https://doi.org/10.1201/9781003322115-4>

Andrejic, J. Z, Spaulding, A. Sarah, Manoylov, M. Kalina & Edlund, B. Mark. (2019). Phenotypic plasticity in diatoms: Janus cells in four Gomphonema taxa. *Diatom research* 33 (4): 453-470.

Radosavljević-Mihajlović, S. A., Kremenović, A., Došen A., **Andrejić, J.**, Dodur, V. (2014). Thermally induced phase transformation of Pb-exchanged LTA and FAU-framework zeolite to feldspar phases. *Microporous and Mesoporous Materials* 201 (2014): 210-218.

Andrejić, J., Krizmanić, J. & Cvijan, M. (2012). Diatom species composition of the Nišava River and its tributaries Jerma nad Temska Rivers (Southern Serbia). *Arch. Biol. Sci.* 64 (3): 1127-1140.

Andrejić, J., Krizmanić, J. & Cvijan, M. (2012). Three new records for diatoms from the Nišava River and its tributary, the Jerma River (Southern Serbia). *Oceanological and Hydrobiological Studies* 41 (3): 17-23.

Andrejić, J., Cvijan, M. & Simić, S. (2010). New record of endangered red alga *Bangia atropurpurea* (A. Roth) C. Agardh (Bangiales, Rhodophyta) in the Nišava River, Serbia. *Arch. Biol. Sci.* 62 (4): 1239-1243.

CONFERENCE PRESENTATIONS

Decius, C. C., Brochu-De Luca, K. & **Jelena Z. Andrejic** (2023). Ecological study of algae in Lake Killarney, Nassau, the Bahamas. *Research Edge*, The University of the Bahamas.

Stephens, M., **Andrejic, J.**, Welsh-Unwala K. & Yildirim, T.E. (2022). Assessing the disturbance and geo-conservation/journalism/tourism potential of karst (caves and blue holes) resources for sustainable development on New Providence Island. *Research Edge*, The University of the Bahamas.

Joshua E. V. Davis & **Jelena Z. Andrejic** (2021). Assessing soft algae biodiversity using the Shannon's diversity index in New Providence, the Bahamas. *Research Edge*, The University of the Bahamas.

Andrejić, J., De Luca, P. & Pavlovic, V. (2020). The potential of using scanning electron microscope (SEM) to advance research in the Bahamas. *Research Edge*, The University of the Bahamas.

Andrejić, J., France, E. & Manoylov, K. (2015). "Microphytobenthos diversity from mudflats along the Savannah River estuary" 22nd North American Diatom Symposium, Michigan.

Andrejić, J., Krizmanić, J., Cvijan. M. & Bojović, S. (2012). "Evaluation of the Trophic Diatom Index for assessing water quality in the Nišava River, Southern Serbia." 22nd International Diatom Symposium, Ghent, Belgium.

Kunza, LA, Pool, JR, **Andrejić, J.**, Castro, SI, Inthongkaew, S, Jovanovska, E, Kohler, TJ, Main, SP, Mainer, JT, Nakov T, Purkey, MK & Spaulding SA. (2009). "Neidium Pfitzef from the Reimer Diatom Collection", 20th North American Diatom Symposium, Iowa Lakeside Laboratory, Iowa, USA.

Andrejić, J. (2008). "A comparison of light and confocal microscopy methods in protoplast examination of *Navicula sp.* (Bacillariophyceae)", 20th International Diatom Symposium, Dubrovnik, Croatia.

Andrejić, J. (2007). "The protection of the biodiversity of freshwater algae in Serbia", The first congress of students for the environmental protection of South Eastern Europe, Kopaonik Mountain, Serbia.

Andrejić, J. & Cvijan, M. (2007). "SEM analysis of fossil diatoms from Kostolac (Serbia)", 9th International Symposium on Fossil Algae, Zagreb, Croatia, 2007.

THESIS

Andrejić, J. Z. (2012). Floristic-ecological analysis of the diatoms (Bacillariophyta) from the Nišava River and its tributaries Jerma and Temska Rivers. Ph.D. Thesis, University of Belgrade, Faculty for Biology, Belgrade, Serbia. 280 pp. Advisor: Prof. Jelena Krizmanić.

Andrejić, J. Z. (2006). The morphology of siliceous thecae of diatom algae. MSc Thesis, University of Nis, Faculty of Sciences and Mathematics, Nis, Serbia. Advisor: Prof. Dragan Radnović.

ORGANIZATIONS

Member, International Society for Diatom Research