

## PERSONAL INFORMATION



## Ana Mladenović

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Sex Female | Date of birth 27/01/1987 | Nationality Serbian

## POSITION

*Research Associate at University of Belgrade – Faculty of Mining and Geology*

## WORK EXPERIENCE

Oct 2011 - now

**Research Associate**

University of Belgrade – Faculty of Mining and Geology (<http://www.rgf.bg.ac.rs/>)

- working as a research scientist on a project financed by the Serbian Ministry of Education, Science and Technological development; field of expertise: structural geology, tectonics, seismotectonics
- teaching exercises on several courses for undergraduate students: structural geology, field practice in structural geology, GIS – application in geology, basics of geophysics

Science

## WORK EXPERIENCE

Nov 2010 – Oct 2011

**Project Associate**

Seismological Survey of Serbia (<http://seismo.gov.rs/>)

- working on a scientific project financed by NATO
- interpretation of focal mechanisms and recently active faults in the central Balkan Peninsula

Science

## WORK EXPERIENCE

Jul 2010 – Aug 2010

**Internship student**

Petroleum Industry of Serbia (<https://www.nis.eu/>)

- interpretation of reflective seismic sections, geological modelling

Petroleum industry

## EDUCATION

Oct 2011 – Jun 2015

**PhD in Geology / field of expertise: tectonics and structural geology**

University of Belgrade – Faculty of Mining and Geology

**PhD thesis:** *Stress field evolution in the area of the Internal Dinarides in Serbia during the Alpine orogenic cycle*

Advisors: Prof. Dr. Branislav Trivić, Prof. Dr. Vladica Cvetković

## EDUCATION

Oct 2010 – Sep 2011

**MSc in Geophysics / field of expertise: seismology and seismotectonics**

University of Belgrade – Faculty of Mining and Geology

**MSc thesis:** *Structural-tectonic model of the Čačak – Kraljevo basin based on correlation of geophysical and geological data*

## EDUCATION

Oct 2006 – Sep 2010

**BSc in Geophysics / field of expertise: applied geophysics**

University of Belgrade – Faculty of Mining and Geology

**BSc thesis:** *Geophysical – geological model of the Čačak – Kraljevo basin*

## PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B1	A2	A2	B1
German	A1	A1	A1	A1	A1

Job-related skills

Highly proficient in different geological software packages: ESRI ArcGIS, ERDAS Imagine, Microimages TNTmips, Geosoft Oasis montaj, GS Surfer, TectonicsFP

Driving licence

B category

## ADDITIONAL INFORMATION

Projects

- **Magmatism and geodynamics of the Balkan Peninsula from Mesozoic to present day: Significance for the formation of metallic and non-metallic mineral deposits;** financed by the Serbian Ministry of Education, Science and Technological development; **project leader: Prof. Dr. Vladica Cvetković (Oct 2011 – now)**
- **BEWARE – beyond landslide awareness: unifying landslide data standards, building capacities and involving local communities;** financed by the Japan Government and UNDP; **project leader: Prof. Dr. Biljana Abolmasov (May 2015 – Feb 2016)**
- **Harmonization of seismic hazard maps for the Western Balkan countries;** financed by NATO foundation for Science and Peace; **project leaders: Prof. Dr. Branislav Glavatović, Prof. Dr. Neki Kuka (Nov 2010 – Oct 2011)**

Courses

- **Deformation mechanisms (microstructure and texture);** taught by prof. Bernhard Fügenschuh (University of Innsbruck), organized by CEEPUS network on the University of Belgrade (June 2013)
- **Microtectonics Master Class;** taught by prof. Cees Passchier, Department of Tectonophysics, Johann Gutenberg University Mainz, Germany (February 2013)
- **Multidisciplinary Subsurface Integration in Exploration and Production – From Plates to Pores;** organized by ExxonMobil and Society of Exploration Geophysicists, Bucharest, Romania (September 2010)

Invited lectures

- **Tectonics and geodynamics of the Serbian domain of Internal Dinarides;** University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Geology (January 2014)
- **Postorogenic interplay of tectonic and magmatic processes in the Kopaonik Mts. area;** scientific workshop Geology of the Dinarides and adjacent orogens – Remaining Conundrums; Natural-history center of Serbia – Svilajnac (June 2015)
- **How tectonics controlled post-collisional magmatism within the Internal Dinarides: Kopaonik Mts. area;** University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering (Mach 2016)

- Honours and awards**
- Award “Milan Milićević – inženjer geologije” for young geologists, for PhD thesis (March 2016)
  - Scholarship Award of the Society of Exploration Geophysicists Fund (continuously from 2008 – 2014)
  - Award for the best student of the Geological department on the University of Belgrade – Faculty of Mining and geology (for several years: 2008, 2009, 2010, 2011)
  - Scholarship for 1000 best students of the Young talents fund and Serbian Ministry of Youth and Sports (2010)
  - First place in the Eastern European Challenge Bowl, organized by the Society of Exploration Geophysicists in Bucharest, Romania (April 2010)
- Memberships/Duties**
- Member of the Organizing committee of the 13<sup>th</sup> Alpine Workshop (Zlatibor, Serbia, September 2017)
  - Member of the Steering committee of the Serbian Society of Geomorphologists (2015 – 2017)
  - Member of the Organizing committee of the scientific workshop “Geology of the Dinarides and adjacent orogens – Remaining Conundrum” (Svilajnac, Serbia, June 2015)
  - Member of the Controlling Board of the Serbian Society of Geomorphologists (2014 – 2015)
- Membership in professional organisations**
- Serbian Geological Society
  - Serbian Society of Geomorphologists
  - Croatian Geological Society
  - Society of Exploration Geophysicists

## LIST OF PUBLICATIONS

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(only refereed journals listed)

- **Mladenović, A.**, Trivić, B., Antić, M., Cvetković, V., Pavlović, R., Radovanović, S., Fügenschuh, B. 2014. *The recent fault kinematics in the westernmost part of the Getic nappe system (Eastern Serbia): Evidence from fault slip and focal mechanism data*. *Geologica Carpathica*, 65 (2): 147 – 161. doi: 10.2478/geoca-2014-0011
- **Mladenović, A.**, Trivić, B., Cvetković, V. 2015. *How tectonics controlled post-collisional magmatism within the Dinarides: Inferences based on study of tectono-magmatic events in the Kopaonik Mts. (Southern Serbia)*. *Tectonophysics* 646: 36 – 49, doi: 10.1016/j.tecto.2015.02.001
- **Mladenović, A.**, Cvetković, V., Trivić, B., Pavlović, R., Cvetkov, V. 2016. *Late Eocene – recent tectonic evolution of the northern Internal Dinarides (western Serbia)*. Submitted to *Swiss Journal of Geosciences*
- Đurić, D., **Mladenović, A.**, Pešić-Georgiadis, M., Marjanović, M., Abolmasov, B. 2017. *Using multiresolution and multitemporal satellite data for post-disaster landslide inventory in the Republic of Serbia*. Submitted to *Landslides*
- **Mladenović, A.**, Cvetković, V., Dulić, I., Marjanović, S. in prep. *Earthquake mechanics in slowly deforming intraplate settings: a seismotectonic study of a 2010 Kraljevo seismic sequence (Internal Dinarides, Serbia)*. To be submitted to *Tectonics*
- Antić, M., Trivić, B., **Mladenović, A.**, Cvetković, V. in prep. *The history of brittle tectonic events along the western boundary of the East Serbian Carpatho-Balkanides*. To be submitted to *International Journal of Earth Sciences*