

Nina Zupančič

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• **Habilitacija**

redna profesorica

• **Fakultetne funkcije**

• **Pedagoška dejavnost**

Dodiplomski študij:

Statistika v geologiji 1

Geokemija

Okoljska geologija

Magistrski študij:

Statistika v geologiji 2

Izbirni predmeti:

Vulkanologija

Geomedicina

• **Gostovanja na tujih univerzah**

University of Zagreb, Faculty of Science, Department of Geology (gostitelj: prof. Darko Tibljaš in prof. Gordana Medunić; CEEPUS), 1. 5.–31. 5. 2009.

Belgrade University, Faculty of Mining and Geology, Division of Geology (gostitelj: doc. Kristina Šarić; CEEPUS), 10. 4.–10. 5. 2011.

Jagiellonian University in Cracow, Department of Geology (gostitelj: prof. Marta Anna Oszczykko-Clowes in prof. Zbigniew Sawłowicz; CEEPUS), 2. 4.–2. 5. 2013.

Belgrade University, Faculty of Mining and Geology, Division of Geology (gostitelj: izr. prof. Kristina Šarić;

Internacionalizacija), 1. 8.–31. 10. 2017.

• Raziskovalna dejavnost

Petrologija magmatskih kamnin: klasifikacija, geneza in paleomagnetne značilnosti pohorskih magmatskih kamnin; geneza ravenskih pegmatitov; analiza ohranjanja geokemičnih informacij pri preperevanju magmatskih kamnin.

Geokemija tal in sedimentov: geokemično kartiranje tal in sedimenta v Sloveniji in v hrvaški Istri, ugotavljanje onesnaženja tal ob cestah, monitoring onesnaženja tal v zaledju Kopra, genetska interpretacija medplastovnega materiala rožencev, nastanek in razvoj tal na različnih matičnih podlagah.

Geoarheologija: ugotavljanje tehnologije žganja ter izvora keramike in žindre iz različnih arheoloških najdišč v Sloveniji, ugotavljanje lastnosti in izvora rimskodobnih marmornih spomenikov v Sloveniji, ugotavljanje izvora različnih kamnitih artefaktov iz slovenskih in hrvaških najdišč.

Krasoslovje: ugotavljanje izvora temnih prevlek na kapnikih, prisotnosti akcesornih mineralov v kapnikih.

• Publikacije (QR koda)

<https://cris.cobiss.net/ecris/si/sl/researcher/4259>

• Programi in projekti

Sodelovanje

1. 1995–30. 6. 1998 J1-7017 Petrologija in mineralogija
1. 1996–30. 6. 2001 J1-7331 Stabilni izotopi in drugi geokemični ter biokemični parametri kot indikator okolja, temperature in klimatskih sprememb v Jadranskem morju
7. 1998–30. 6. 2001 J1-0270 Petrologija in sedimentologija
7. 1998–30. 6. 2001 T1-0270 Petrologija in sedimentologija

5. 1. 1999–31. 12. 2003 P0-0505-1555 Geologija in geotehnologija
6. 1. 2004–31. 12. 2023 P1-0008 Paleontologija in sedimentarna geologija

Vodenje

2001–2003	Geologija SV Slovenije in JZ Madžarske (bilateralni projekt)	ARRS
2004–2006	Fizikalnokemične značilnosti marmorjev in provenienca marmorjev iz arheoloških najdišč (bilateralni projekt)	ARRS
2009–2015	IGCP 567 Earthquake Archaeology – Archaeoseismology	UNESCO
2013–2015	IGCP 594 Impact of Mining on the Environment in Africa	UNESCO

• Habilitation

full professor

• Courses

Undergraduate studies:

Statistics in geology 1

Geochemistry

Environmental geology

Master's studies:

Statistics in geology 2

Elective courses:

Volcanology

Geomedicine

• Visiting professor at universities abroad

University of Zagreb, Faculty of Science, Department of Geology (host: Prof. Darko Tibljaš and Prof. Gordana Medunić; CEEPUS), 1. 5.–31. 5. 2009.

Belgrade University, Faculty of Mining and Geology, Division of Geology (host: Assist. Prof. Kristina Šarić; CEEPUS), 10. 4.–10. 5. 2011.

Jagiellonian University in Cracow, Department of Geology (host: Prof. Marta Anna Oszczytko-Clowes and Prof. Zbigniew Sawłowicz; CEEPUS), 2. 4.–2. 5. 2013.

Belgrade University, Faculty of Mining and Geology, Division of Geology (host: Assoc. Prof. Kristina Šarić; Internacionalizacija), 1. 8.–31. 10. 2017.

• Research activity

Igneous rocks petrology: classification, genesis and paleomagnetic characteristics of Pohorje igneous rocks; genesis of Ravne pegmatites; analysis of preservation of geochemical information during weathering of igneous rocks.

Geochemistry of soils and sediments: geochemical mapping of soils and sediments in Slovenia and Croatian Istria; determination of soil pollution along roads; monitoring of soil pollution in the hinterland of Koper; genetic interpretation of interlayer material of cherts; formation and development of soils on different parent substrates.

Geoarchaeology: determination of firing technology and the origin of ceramics and slag from various archaeological sites in Slovenia; determination of the characteristics and origin of Roman-era marble monuments in Slovenia; determination of the origin of various stone artifacts from Slovenian and Croatian sites.

Krasology: determining the origin of dark coatings on stalactites, the presence of accessory minerals in stalactites.

• Publications

<https://cris.cobiss.net/ecris/si/sl/researcher/4259>

• Projects

Member

1. 1. 1995–30. 6. 1998 J1-7017 Petrology and mineralogy
2. 1. 1996–30. 6. 2001 J1-7331 Stable isotopes and other geochemical and biochemical parameters as an indicator of environment, temperature and climate changes in the Adriatic Sea
3. 7. 1998–30. 6. 2001 J1-0270 Petrology and sedimentology
4. 7. 1998–30. 6. 2001 T1-0270 Petrology and sedimentology
5. 1. 1999–31. 12. 2003 P0-0505-1555 Geology and geotechnology
6. 1. 2004–31. 12. 2023 P1-0008 Paleontology and Sedimentary Geology

Leader

2001–2003 Geology of NE Slovenia and SW Hungary (bilateral project)

2004–2006 Physicochemical characteristics of marbles and provenance of marbles from archaeological sites (bilateral project)

2009–2015 IGCP 567 Earthquake Archaeology – Archaeoseismology UNESCO










2013–2015 IGCP 594 Impact of Mining on the Environment in Africa UNESCO





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Dostopnost

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