

## **TANJA PIPAN**

### **EDUCATION:**

1989-1995: B.Sc. in Biology, Department of Biology, Biotechnical Faculty, University of Ljubljana.  
1995-1999: M.Sc. in Biology, Department of Biology, Biotechnical Faculty, University of Ljubljana.  
1999-2003: Ph.D. in Biology, Department of Biology, Biotechnical Faculty, University of Ljubljana.

### **EMPLOYMENT, ACADEMIC AND SCIENTIFIC-RESEARCH TITLES:**

1995-2003: Young researcher – Research Assistant at ZRC SAZU Karst Research Institute.  
2003-2007: Research Fellow at ZRC SAZU Karst Research Institute.  
2005-2015: Assistant Professor of Karstology, University of Nova Gorica.  
2007-2012: Senior Research Fellow at ZRC SAZU Karst Research Institute.  
2012-: Research Advisor at ZRC SAZU Karst Research Institute.  
2015-2020: Associate Professor of Biology, University of Nova Gorica.  
2020-2025: Full Professor of Karstology, University of Nova Gorica.

### **ORGANIZATION SKILLS:**

#### **Membership associations, commissions, boards, editorial boards:**

2000: Member of the international scientific association Société Internationale de Biospéologie (SIBIOS) – International Society for Subterranean Biology.  
2010-2016: Member of the executive board of the International Society for Subterranean Biology: Société Internationale de Biospéologie (SIBIOS).  
2010-2017: Treasurer of the International Society for Subterranean Biology: Société Internationale de Biospéologie (SIBIOS).  
2011-: Editor for the field of biology and speleobiology of the scientific journal with an IF *International Journal of Speleology*.  
2011-2023: Elected member of the Senate of School of Environmental Sciences, University of Nova Gorica.  
2012-2016, 2020-2024: Elected member of the Senate at the Karst Research Institute ZRC SAZU.  
2012-2025: President of the commission for master defences, School of Environmental Sciences, University of Nova Gorica.  
2013-2025: Member and president (since 2014) of the commission for students affairs, School of Environmental Sciences, University of Nova Gorica.  
2013-: Deputy director of the graduate academic programme Karstology, III. level, University of Nova Gorica.  
2013: Member of the school mature commission, National examination center.  
2013-2014: Consultant in the preparation of the programme for creation a UNESCO Chair on Karst Education, Graduate School, Karstology, III. level, University of Nova Gorica.  
2014: Member of the commission for programme renovation of Environment I. and II. level, School of Environmental Sciences, University of Nova Gorica.  
2016-2024: President of the Commission for grants and awards at ZRC SAZU.  
2017-: Appointed by the Government as a Slovenian representative to the European Strategic Forum for Research Infrastructures (ESFRI) and to the Strategic Working Group on the Environment (ENV SWG).  
2020-: Member of the editorial board and guest editor for two special issues of scientific journal with an IF *Diversity*.

#### **Organizing of the international conferences:**

Member of the organizing committee of the International Karstological School „Classical Karst“, Postojna, Slovenia (annually, since 1995).  
Member of the organizing committee of the international symposium Evolution of karst: From prekarst to cessation, Postojna, Slovenia, 2002.

Organizer and member of the organizing committee of joint US-Slovenia international workshop on Long-Term Ecological Research Studies in Karst, with cooperation of National Science Foundation (NSF), Postojna, Slovenia, 2006 (co-organizer D.C. Culver).

Organizer and member of the organizing committee of the international symposium on Time in Karst, Postojna, Slovenia, 2007 (co-organizer D.C. Culver).

Organizer and member of the organizing committee of the 20th International Conference on Subterranean Biology, Postojna, Slovenia, 2010 (co-organizers P. Trontelj and S. Polak).

Organizer of the international symposium Shallow Subterranean Habitats, International Society of Subterranean Biology, Postojna, Slovenia, 2010 (co-organizer D.C. Culver).

Member of the organizing committee of the international conference 24th International Conference on Subterranean Biology, Aveiro, Portugal, 2018.

### **Leading of national and EU research projects (selection):**

National coordinator at EU project eLTER PPP: Integrated European Long-Term Ecosystem, Critical Zone and Socio-Ecological Research Infrastructure; Preparatory Phase Project, Horizont 2020, 2020 - 2025.

National coordinator at EU project eLTER PLUS: European long-term ecosystem, critical zone and socio-ecological systems research infrastructure PLUS, Horizont 2020, 2020 - 2025.

National coordinator at EU project IJI: Internal Joint and Colaborative Initiative (IJI) LifeWatch ERIC, 1. 3. 2020–31. 12. 2021.

National coordinator at project Development of research infrastructure for the international competitiveness of the Slovenian R&D area – RI-SI-2 LifeWatch, Ministry of Education, Science and Sport, 2019-2021.

National coordinator at EU project ENVRI-FAIR: ENVironmental Research Infrastructures building Fair services Accessible for society, Innovation and Research, Horizont 2020, INFRAEOSC, 2019 - 2023.

National coordinator at EU project eLTER – Long-Term Ecosystem and socio-ecological Research Infrastructure, Horizont 2020, 1. June 2015 till 31. May 2019.

National coordinator at EU project Advance\_eLTER – Advancing the European Long-Term Ecosystem, critical zone and socio-ecological Research Infrastructure towards ESFRI, Horizont 2020, 1. January 2017 till 31. December 2017.

»LIFE KOČEVSKO: LIFE13 NAT/SI/000314: HT 8310 - Caves not open to the public and Proteus anguinus. Biological inventory of the cave fauna and preparation of reports before the cave remediation and after the cave remediation (monitoring) and preparation of reports, 2015-2019.

Fauna in drip pools of Škocjan caves, Škocjan Caves Public Institute, Slovenia, 2015.

Promotion of Slovene science abroad: Karstology in Altai Mountains - transfer of knowledge from classical karst in Slovenia to Russia, 2013-2015.

Information and technology network for integration of long-term ecological, biodiversity and socio-economic studies in karst, ARRS project, 2008-2011.

National coordinator at EU project LifeWatch – e-Science and Technology Infrastructure for Biodiversity Data and Observatories, 7th FP, od 2008-2023.

National coordinator at EU network project LTER – Long Term Ecological Research, 6th FP, since 2004.

### **PEDAGOGICAL WORK:**

**Supervision of diploma, masters and doctoral thesis and other project leadership skills aimed at attracting young scientists to the highest levels of research:**

Mentor of Ph.D. student (UNG, Karstology): N. Baković (in progress, enroll 2019/2020).

Mentor of Ph.D. student and young researcher (UNG, Karstology): L. Valentić (in progress, enroll 2018/2019).

Mentor of Ph.D. student (UNG, Karstology): M. Škrlić Manojlović (in progress, enroll 2017/2018).

Co-mentor of M.Sc. student (Universidad de Quintana Roo, Unidad Académica Cozumel): Mariana Guadalupe Negrete Macías (2019): Identification of indicators used to determinate carrying capacity in subterranean systems.

Mentor of Ph.D. student and young researcher (UNG, Karstology): P. Kozel (2018): Ecological evaluation of aquatic and terrestrial subterranean fauna in a karst cave : dissertation. Nova Gorica.

Mentor of Ph.D. student (UNG, Karstology): F. Papi (2016): Ecological studies of epikarst communities in Alpine and Pre-Alpine caves : dissertation. Nova Gorica.

Mentor of postgraduate student (UNG, School of Environmental Sciences): L. Valentić (2018): Microplastics analysis in selected surface and underground karst waters : master thesis Nova Gorica.

Mentor of undergraduate student (UNG, School of Environmental Sciences): M. Ferfolja (2016): Physical, chemical and biological analysis of the River Idrijca from its source to its outflow: diploma. Nova Gorica.

Mentor of undergraduate student (UNG, School of Environmental Sciences): M. Pečnik (2015): Inventory of aquatic fauna in selected caves in Kočevska region : diploma. Nova Gorica.

Co-mentor of postgraduate student (UM, Faculty of Natural Sciences and Mathematics): P. Kozel (2013): Preference of *Nemastoma bidentatum* ssp. (Arachnida: Opiliones: Nemastomatidae) for different substrate compation : master thesis. Maribor.

Co-mentor of undergraduate student (UM, Faculty of Natural Sciences and Mathematics): V. Navodnik (2007): Fauna of dripping water in the cave Huda luknja : diploma. Maribor.

Mentor of student in the frame of »Leonardo da Vinci« programme: F. Papi (25. 9. 2006-6. 3. 2007).

Mentor of student in the frame of Grant for foreign researchers at ZRC SAZU: F. Papi (2007).

Mentor of Ph.D. student in the frame of »Ad futura, The Slovene Human Resources Development and Scholarship Fund« programme: F. Papi (2007-2010).

#### **Courses taught at the domestic Universities:**

2005-: Karst ecology, Speleobiology, Shallow subterranean habitats (course leader and lecturer), graduate school, Karstology, University of Nova Gorica, III. level.

2005-: Module Karst (team taught), Faculty of Humanities, University of Primorska, I. level.

2010-: General Biology (course leader and lecturer), School of Environmental Sciences, University of Nova Gorica, I. level.

2011-2014: Environmental Monitoring (team taught), School of Environmental Sciences, University of Nova Gorica, I. level.

2011-: Karst Hidrology and Ecology (team taught), Faculty of Humanities, University of Primorska, II. level.

2011-: Selected Topics of Karst Ecology (course leader and lecturer), Faculty of Natural Sciences and Mathematics, University of Maribor, II. and III. level.

2014-: Introduction to karstology, Methodology of the research work (team taught), graduate school, Karstology, University of Nova Gorica, III. level.

2015-: Shallow subterranean habitats: ecology, evolution, and conservation (course leader and lecturer), School of Environmental Sciences, University of Nova Gorica, II. level.

2015-: Karst and karstology (team taught), Faculty of Humanities, University of Primorska, II. level.

2016-: Conservation Biology and Biogeography (course leader and lecturer), School of Environmental Sciences, University of Nova Gorica, I. level.

#### **Lectures at the foreign Universities:**

Epikarst ecosystem: invited on-line lecture at the course "Cave Biology", American University, USA, 4 February 2022.

Shallow subterranean habitats : patterns and processes : invited on-line lecture within the course BIO280: Cave Ecology, Centre College, USA, 15 January, 2021

The biology of caves and other subterranean habitats : invited lecture, State University Gorno Altaisk, Altai Republic, Russia, 14 September, 2017.

The biology of caves and other subterranean habitats : invited lecture at the Instituto do Carste, Belo Horizonte, Brasil, in the frame of Seminário Interno de Biospeleologia 2013, 28 October, 2013.

Intermediate-sized terrestrial shallow subterranean habitats: invited lecture at the Instituto do Carste, Belo Horizonte, Brasil, in the frame of Seminário Interno de Biospeleologia 2013, 29 October, 2013.

**AWARDS, GRANTS:**

2003: Grant for the most significant young researcher at ZRC SAZU for scientific work.

2004: The SIBIOS (Société Internationale de Biospéologie) prize for the best presentation during the XVIIth International Symposium of Biospeleology at Raipur, India.

2004: Grant awarded for the most promising young scientist at the Trans-KARST 2004 International Transdisciplinary Conference on Development and Conservation of Karst Regions at Ha Noi, Vietnam.

2004: Elected head and coordinator of Slovenia LTER (Long-Term Ecological Research) network.

2005: Grant from the Slovenian Science Foundation for the advanced scientific study in the USA.

2005-2006: Grant from the World Federation of Scientists (WFS), National Scholarship Programme.

2005: Grant from UNESCO IGCP Project 513 „Global Study of Karst Aquifers and Water Resources” for an interesting and innovative project presented at the Cvijic karst 2005 Conference in Belgrade and Kotor.

2007: Karst Waters Institute „Distinguished Service Award” for service on the Time in Karst symposium, Postojna, Slovenia.

2015: Nominated by UNG and ZRC SAZU for the Miroslav Zei Award for Outstanding Achievements at NIB (National Institute of Biology) in 2015.

2016: The recipient of the ZRC SAZU Gold Award for top scientific research results.

2017: Selected by a panel of experts on the list of 50 Ona Plus žensk/women.

2018: Selected by the expert commission at the first reception of scientists at the President of the Republic of Slovenia, Borut Pahor (11. 1. 2018).

2021: Scientific assistance in preparing Matej Vranič's film Divja Slovenija – Wild Slovenia: <https://vimeo.com/530613869>.