






PERSONAL INFORMATION

Nina Šajna

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POSITION

Lecturer (Assoc. Prof.), Researcher

WORK EXPERIENCE

- 2016- **Associate professor for Ecology / Researcher**  
 Biology department  
 Faculty of Natural Sciences and Mathematics  
 University of Maribor
- 2010 -2015 **Assistant professor for Ecology / Researcher**  
 Faculty of Natural Sciences and Mathematics  
 and Faculty of Tourism  
 University of Maribor
- 2003 - 2010 **Assistant for Botany and Plant Ecology/ Researcher**  
 Biology department  
 Faculty of Natural Sciences and Mathematics  
 University of Maribor

EDUCATION AND TRAINING

- 2003-2010 PhD Biology  
 Faculty of Natural Sciences and Mathematics  
 University of Maribor Replace with EQF (or other) level if relevant
- 1993-2003 BSc Biology and Mathematics  
 Faculty for Education  
 University of Maribor

PERSONAL SKILLS

Mother tongue(s) Slovenian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Croatian, German	C1	C1	C1	C2/C1	C2/C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

**Communication skills** Good communication skills gained through my experience as assistant and associate professorship at home, visiting professorship abroad (University of Zagreb, Croatia) and attendance on scientific meetings and national / international conferences.

- Organisational / managerial skills**
- Head of Ecology chair at the Biology Department of Faculty of Natural Sciences and Mathematics (since 2015)
  - Supervisor of a “Young researcher” – a PhD candidate founded by the Slovenian Research Agency (2019 - 2023)
  - Researcher at the research group P1-0403 (ARRS founded; 2019-2024; leader M. Perc)
  - Management comity member of the COST project CA18201 (An integrated approach to conservation of threatened plants for the 21st Century)
  - Visiting professor abroad (Faculty of Agriculture, University of Zagreb) in 2018
  - Leader of the research project with private sector (IOS Maribor) in 2017
  - Head of Biology Department (2015-2017), Faculty of Natural Sciences and Mathematics
  - Lecturing subjects at the Faculty of Natural Sciences and Mathematics, University of Maribor: Conservation Biology, Biogeography, Plant Ecology, Plant Biology, Basic Ecology and Animal Ecology, Landscape Ecology, Ecological processes, Methods in Ecological Research. Soil Ecology, Practical classes in: General Botany, Basic ecology and ecology of animals, Plant ecology.
  - Supervising BSc, MSc theses, and ongoing PhD
  - Inquiry and acquisition of equipment for ecophysiological measurements in the frame of Norwegian Financial Mechanism (EU project)
  - Organization board for symposium (Flora and vegetation in a changing environment; Maribor 14.-15.11.2002)
  - Student supervisor during the student project Creative ways to practical knowledge funded by EU.

## ADDITIONAL INFORMATION

### Relevant peer review papers

- ŠIPEK, M., PERČIN, A., ZGORELEC, Ž., ŠAJNA, N. (2020) Morphological plasticity and ecophysiological response of ground ivy (*Glechoma hederacea*, Lamiaceae) in contrasting natural habitats within its native range. <https://doi.org/10.1080/11263504.2020.1727981>
- ŠAJNA, Nina (2019) First record of non-native Asian seed beetle, *Megabruchidius dorsalis* (Fähræus, 1839) and its parasitoid, in Slovenia. *BioInvasions Records*, 8, vol. 8, 515-520.
- ŠAJNA, Nina, ŠIPEK, Mirjana, ŠUŠTAR VOZLIČ, Jelka, KALIGARIČ, Mitja (2019) Germination behavior of the extremely rare *Hladnikia pastinacifolia* Rchb. (Apiaceae) – a Pleistocene *in situ* survivor. *Acta Botanica Croatica*, 78, *in press*
- KARLO, T. & ŠAJNA, N. (2017) Biodiversity related understorey stability of small peri-urban forest after a 100-year recurrent flood. *Landscape and Urban Planning*, 162, 104-114.
- KALIGARIČ, M., BOHANEK, B., SIMONOVIK, B., ŠAJNA, N. (2008) Genetic and morphologic variability of annual glassworts (*Salicornia* L.) from the Gulf of Trieste (Northern Adriatic). *Aquatic Botany*, 89, 275-282.
- ŠAJNA, N. et al. (2007) Survival and expansion of *Pistia stratiotes* L. in a thermal stream in Slovenia. *Aquatic Botany*, 87, 75-79.

### Book chapter

- ŠAJNA, N. Alien plant species invading rare and protected habitats in Slovenia. (2016) In: TRAVLOS, Ilias S. (ed.). Weed and pest control : molecular biology, practices and environmental impact, (Plant science research and practices). New York: Nova Publishers, p. 35-54
- GOLOB, N., ŠAJNA, N. Actualization of chemistry, biology and science school knowledge with controversies around Hg and F in dentistry. (2020) In: CELEC, Robert (ed.). *Some current elements of health awareness through the prism of food, exercise and education*. Hamburg: Verlag Dr. Kovač, 2020. 17-33
- ŠAJNA, N., KALIGARIČ, M., IVAJNŠIČ, D. Reproduction biology of an alien invasive plant : a case of drought-tolerant *Aster squamatus* on the Northern Adriatic seacoast, Slovenia. (2014) In: RANNOW, Swen (ed.), NEUBERT, Marco (ed.). Managing protected areas in Central and Eastern Europe under climate change, (Advances in global change research, ISSN 1574-0919, vol. 58). Dordrecht [etc.]: Springer, 279-288

## Presentations at conferences

## Oral:

- Biodiversity matters even in a small urban forest - herb understorey stability after a disturbance. *Book of abstracts : ecology - meeting the scientific challenges of a complex world*, 48th Annual Meeting of the Ecological Society of Germany, Austria and Switzerland, Wien, 10-14 September, 2018
- What's new about tropical *Pistia stratiotes* in Europe?. *Book of abstracts*, 3 Croatian Symposium on Invasive Species with International Participation, 26-27 November, 2018. Zagreb, Croatia
- Testing the diversity resistance hypothesis : stability of understorey biodiversity after major disturbance. *Book of abstracts*, 2nd Croatian Symposium on Invasive Species with International Participation, 21-22 November 2016 Zagreb, Croatia
- Population biology of an *in situ* Pleistocene survivor. *Book of abstracts*, 12th European Dry Grassland Meeting From Population Biology to Community Ecology, 22-27 May 2015, Mainz, Germany
- Separated occurrence across a salt marsh tidal gradient enables the coexistence of two sympatric *Salicornia* species. In: BORNETTE, Gudrun (ed.). 54th symposium of the International association for vegetation science, June 20-24, 2011, Lyon, France. *Vegetation in and around water: patterns*
- Rarity and persistence of endemic *Hladnikia pastinacifolia* Rchb. (Apiaceae). In: JASPRICA, Nenad (ed.). *Knjiga sažetaka*. Murter: Hrvatsko botaničko društvo, 2010
- Distribution and variety of riparian stream corridors and patches in traditional agricultural landscape (Goričko, Slovenia). 52nd international symposium of the International association for vegetation science, Chania, Crete (Greece), May 30th - 4th June 2009. *Vegetation processes and human impact in a changing world : abstracts*.
- and numerous posters.

## Projects

- Leader of the bilateral project between Slovenia and Croatia (2020-2021), funded by Slovenian Research Agency
- Leader of the research project with private sector (IOS Maribor) in 2017: Development of a fluorescence sensor and its optimization for chlorophyll fluorescence
- Co-worker on:
  - 2019 – 2024 member of the program group P1-0403 (founded by Slovenian Research Agency), researcher
  - 2012 EU project “HabitChange”, co-worker
  - 2009 - 2012 member of the programme group P1-0078 (founded by Slovenian Research Agency)
  - 2005-2008 national project L1-7001 (founded by Slovenian Research Agency), researcher
  - Habitat mapping for various projects: project for National institute for Biology (Marine research center Piran; Municipally Koper), non-forested habitat mapping in Slovenian regions Banjščice, Mura, Lendava, Gure, Landscape park Goričko, Slovenian Istra, Kum
  - Biodiversity surveys, inventory for Strunjan salt pans, Škocjanski zatok, lagoon Stjuža, river Mura between Šentilj and Veržej, Drava (Mariborski otok)
  - Flora/fauna (birds) mapping and nature conservation evaluation and directions for smaller projects in Sečovelje, Sv. Donat -Baredi, Strunjan Salina
  - Monitoring of invasive species (EU project “HabitChange”)

## Reviewer

For scientific journals: Fundamental and applied limnology, Plant Ecology, African Journal of Aquatic Science, Photosynthetica, Peridicum Biologorum, Acta Botanica Croatica, Nordic Journal of Botany, BioInvasions Records, Ecosphere, Nordic Journal of Botany, Entomological Science

## Student supervisor

19 undergraduate (+14 as co-supervisor), 4 master (+3 as co-supervisor), 2 doctoral (in preparation) theses