

Laboratory for Invasive and Allergenic Plants - LIAP

Alien, Neophytes, Allochthonous, Weeds, Monitoring

Invasive alien species formerly recognized as allochthonous or neophytes are second most important threats to natural habitats and autochthonous flora, after fragmentation. Recorded species withdrawal and habitats changing under the influence of alien species pursued reform of floristic research. New research topic ended in developing a research group that works mainly with alien (invasive and potentially invasive) plant taxa. The main objectives are recognition of alien flora in Serbia and wider region, and detection of main inland pathways of alien species.

Research activities include population monitoring of selected invasive alien plants, as well as their biology and ecological plasticity, with special emphasis on mechanical and biological control. Research potential of the Lab is oriented toward research of problems caused primarily by spreading of invasive alien species in altered urban and semi urban areas, that are in the same time allergenic plants and important for human health. The Lab intensively cooperates with public administrations and utilities, international, pan-European and non-governmental organizations.



SELECTED PROJECTS

Title: *East and South European Network for Invasive Alien Species - a tool to support the management of alien species in Bulgaria (ESENIAS - TOOLS)*

Type: International - Multilateral

Duration: 2015-2017

Contact person: Milica Rat

Title: *Mapping areas with ambrosia and other allergenic plants on the territory of Novi Sad, laboratory and field research, monitoring*

Duration: 2006-2019

Contact person: Dr Goran Anačkov

Title: *Mapping areas with ambrosia – field research, monitoring and supervision of work on the territory of Bačka Palanka*

Duration: 2010-2019

Contact person: Dr Ružica Igić



COLLABORATIONS

- IUCN/SSC Invasive Species Specialist Group
- Republic of Serbia, Ministry of Environmental Protection, Environmental Protection Agency
- The East and South European Network for Invasive Plant Species (ESENIAS network)

SELECTED EQUIPMENT

- GPS Garmin etrex 20 (4)
- GPS Garmin etrex 30 (2)

CONTACT PERSON

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https://www.dbe.uns.ac.rs/o_departmanu/laboratorije/laboratorija_za_invazivne_i_alergijske_biljke