

Faculty of Biology

Chair of Animal Ecology and Zoogeography

Scientific field (Frascati Manual)

Entomology

Marine biology, freshwater biology, limnology

Ecology

Biodiversity conservation

Brief description of expertise

-Ecology, faunistics, and conservation biology of mammals and reptiles. -Idioecology, population dynamics, interspecies interactions (competition and predator-prey relationships) of ecologically or commercially important and/or threatened fishes. - Ecotoxicological research, bioaccumulation and biomagnification of heavy metals and microelements in natural fish populations. -Community analyses in freshwater and marine ecosystems. -Biogeography/faunistics, systematics, and ecology of Hymenoptera (predatory and parasitoid wasps, bees) and several other insects groups. -Complex fundamental-applied research in protection and conservation of biodiversity of Serbia and of Montenegro, focused on several animal groups (insects, fishes, amphibians, reptiles, mammals), detection and/or analysis of the status and negative impact of invasive species in Serbia, the Balkans, and Euro-Asia.

Keywords

Ecology, Population dynamics, Conservation biology, Ecotoxicology, Faunistics, Biogeography, Insects, Fishes, Mammals, Reptiles and amphibians

Realized and current projects

A) NATIONAL PROJECTS

Title	Project ID	Funding source	Duration
AGROBIODIVERSITY AND SOIL USAGE IN SERBIA: INTEGRATED BIODIVERSITY ASSESSMENT OF KEY GROUPS KLJUČNIH GRUPA ARTROPODA I BILJNIH PATOGENA	43001	Ministry of Education, Science and Technological Development of the Republic of Serbia	2011-2014

Title	Project ID	Funding source	Duration
ENZOOTIC TRANSMISSION CYCLES OF TICK-BORNE PATOGENOUS MICROORGANISMS	0173006	Ministry of Education, Science and Technological Development of the Republic of Serbia	2011-2014
Fishes as water quality indicators in open waters of Serbia	173045	Ministry of Education, Science and Technological Development of the Republic of Serbia	2011-2014
MONITORING OF POPULATION DEVELOPMENT OF EUROPEAN BEAVER (CASTOR FIBER L., 1758) AFTER REINTRODUCTION		Ministry of Agriculture and Environmental Protection	2010-2016
MODERN CONCEPTS OF GAME ANIMALS MANAGEMENT IN SCOPE OF BETTER COMMERCIAL VALORIZATION	31009	Ministry of Education, Science and Technological Development of the Republic of Serbia	2011-2014
STATUS ASSESSMENT AND VALORIZATION OF FISHERY RESOURCES IN DANUBE AND SAVA NEAR BELGRADE – BASIS FOR MONITORING PROGRAMME DEVELOPMENT	M – 2866/12	Belgrade City Council, Secretariate for Environmental Protection	2012-2013
MONITORING OF POPULATION STATUS OF BROWN BEAR (<i>Ursus arctos</i> L. 1758) IN THE REPUBLIC OF SERBIA		Ministry of Energetics, Development, and Environmental Protection	2010-2012
EKOLOGICAL-GEOGRAPHICAL ASPECTS OF LYNX <i>Lynx lynx</i> (L., 1758) POPULATIONS IN THE REPUBLIC OF SERBIA		Ministry of Energetics, Development, and Environmental Protection	2010-2012

Title	Project ID	Funding source	Duration
DEVELOPMENT AND APPLICATION OF PRIORITY PROTECTION MEASURES FOR WOLF (Canis lupus L., 1758) IN SERBIA		Ministry of Energetics, Development, and Environmental Protection	2010-2012

Studies on diversity, protection and sustainable use of the fish fauna as key components in developing the strategy for integral management of water resources in Serbia	143045	Ministry of Science and Technological Development	2006-2010
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B) INTERNATIONAL PROJECTS

Title	Project ID	Funding source	Duration
SUSTAINABLE POLLINATION IN EUROPE: JOINT RESEARCH ON BEES AND OTHER POLLINATORS (SUPER-B)	COST Action FA1307	EU Funds	2014-2018

EPIDEMIOLOGICAL RISK MODELS FOR VECTOR BORNE DISEASES IN A CHANGING WORLD. THE CASE STUDY OF MOSQUITO AND TICK-BORNE DISEASES UNDER DIFFERENT CONDITIONS OF HABITAT INTEGRITY, ENVIRONMENT AND CLIMATE		EU Funds	2013-2015
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Title	Project ID	Funding source	Duration
BIOLOGICAL CONTROL MANUFACTURERS IN EUROPE DEVELOP NOVEL BIOLOGICAL CONTROL PRODUCTS TO SUPPORT THE IMPLEMENTATION OF INTEGRATED PEST MANAGEMENT IN AGRICULTURE AND FORESTRY (BIOCOMES) - EUROPEAN COMMISSION 7 th Framework Programme for Research	612713	EU Funds	2013-2017
CONSERVING BATS AND IMPORTANT HABITATS IN AGRICULTURAL ENVIRONMENT IN SERBIA		The Rufford Foundation	2013-2014
PPF4 - PROJECT PREPARATION FACILITY FOR IPA COMPONENT III (PROJECT PREPARATION FACILITY 4)		EU Funds	2011-2013
POPULATION DENSITY AND FEEDING HABITS OF THE GOLDEN JACKAL (CANIS AUREUS L. 1758) IN DIFFERENT HABITAT TYPES IN THE PANNONIAN ECOREGION		Ministry of Science and Technological Development of RS and National Office for Research and Technology of Hungary	2010-2012

Industry group (according to "Gazette RS", No. 54/10)

Hunting, trapping and related service activities

Fishing

Research and experimental development on natural sciences and engineering

Other professional, scientific and technical activities n.e.c.

Higher education

Staff list within the unit

Name	Last name	Teaching/scientific title
Jasmina	Krpo-Četković	Associate Professor
Dragan	Kataranovski	Full Professor
Aleksandar	Četković	Assistant Professor
Duško	Ćirović	Assistant Professor
Srđan	Stamenković	Assistant Professor
Aleksandar	Hegediš	Assistant Professor
Milan	Plećaš	Teaching Assistant
Jovana	Bila-Dubaić	Teaching Assistant
Aleksandra	Penezić	Teaching Assistant
Srđan	Subotić	Teaching Assistant
Jelena	Burazerović	Research Assistant