



Fully funded projects

Projects funded with reduced budget

Project cancelled

Continuing projects from 2019 and 2020

ID	DEPARTMENT	NAME OF THE PROJECT	PRINCIPAL INVESTIGATOR	BUDGET 2021 (Thousand CZK)
2021B0031	KAE	Testování funkčnosti MyBioGrow potů s přidavkem biocharu, obohacenými mykorrhizními bakteriemi a vybranými mikroorganismy na lesních semenáčcích	Jiří Bouček	216
2021B0047	KAE	Effects of arbuscular mycorrhizal fungi on the removal of emerging pollutants and heavy metals in plant-sand systems	Bo Hu	200
2021B0024	KGEV	Sewage sludge for sustainable brownfield reclamation: exploring the mineralogy behind the sludge	Aikaterini Mitzia	361
2021B0037	KAE	Proximate causes and underlying driving forces of landscape change trees outside forest	Kemal Onur Özman	97
2021B0010	KPV	Linking spectral heterogeneity and plant diversity across scales: a Czech Republic experience	Michela Perrone	161
2021B0005	KVHEM	Precipitation Minus Evapotranspiration: The Strength of the Hydrological Cycle	Mijael Rodrigo Vargas Godoy	131
2021B0023	KVHEM	Assessment of drought types in CMIP6 climate model simulations	Sadaf Nasreen	197
2021B0027	KVHEM	Vliv vybraných dřevin na teplotní, vlhkostní a retenční charakteristiky lesní půdy	Marta Kuželková	300
2021B0017	KPV	MoBiDiSc Modelling BioDiversity across Scales	Francois Leroy	265

2021B0030	KAE	Manganese oxides for the degradation of organic micropollutants in greywater: implications for the intensification of constructed wetlands performance	Mayang Christy Perdana	260
2021B0033	KGEV	Tracing atmospheric pollution sources in industrialized regions using Cd isotope analysis	Blanca Astray Uceda	188
2021B0009	KPV	Could species distribution models be successfully fitted with simple presence or absence of essential/rare habitats?	Lukáš Gábor	255
2021B0016	KPV	What's behind sampling effort bias of taxonomic target groups?	Petr Balej	228
2021B0032	KGEV	REVISITING THE ROLE OF SEWAGE SLUDGE FOR USE IN AGRICULTURE: THE ROLE OF EMERGING CONTAMINANT	Audrey Lucrece Noubissi Ngambia	298
2021B0001	KPV	The Crucial impact of the ancient anthropogenic settlement on soil (pedo)genesis.	Sahar Mohammadi	199
2021B0028	KEKO	Attractive sinks in insect population – plasticity of habitat selection and larvae performance	Anna Marie Poskočilová	257
2021B0020	KVHEM	Response Time of Agricultural Ecosystems to Flash Droughts	Akif Rahim	126
2021B0018	KVHEM	Automatic Segmentation of Fluvial Valleys from SAR Imagery	Vojtěch Cuřín	143
2021B0019	KVHEM	Performance evaluation of GPM IMERG precipitation over the tropical oceans	Rajani Kumar Pradhan	70
2021B0025	KEKO	Specifics of parental care in uniparental waders	Lucie Pešková	80
2021B0015	KPKS	Predikce výskytu erozní události pomocí metod DPZ	Vojtěch Zástěra	280
2021B0034	KPKS	Revize opatření plánu společných zařízení v důsledku klimatických změn	Jan Vaněk	130

2021B0046	KPKS	Proměna krajinné mikrostruktury v Evropě	Václav Fanta	112
2021B0008	KPSK	Ekologie a ochrana postindustriálních stanovišť z pohledu bezobratlých	Kristýna Weisssová	164
2021B0029	KVHEM	Analýza vlastností umělého sněhu a predikce vlivů na životní prostředí v lokalitě umělého zasněžování	Kryštof Dytrt	120
2021B0012	KEKO	Intraspecific variability of thermal biology traits in <i>Thanatophilus sinuatus</i> (Coleoptera: Silphinae)	Santiago Montoya-Molina	177
2021B0014	KEKO	Comparative study on immune system related physiological parameters of Central European ladybird species	Michal Řeřicha	217
2021B0036	KEKO	Current distribution and strains identification of an amphibian pathogen with enhanced methodology in the Czech Republic	Roberto Chiara	188
2021B0022	KPKS	Co-creating cultural heritage narratives for preservation and regeneration of vernacular landscapes.	Klára Bohuslavová	104
2021B0007	KPSK	Socio-economic effects on wetland change in China and Czechia	Ying Ge	300
2021B0041	KEKO	Diferenciální genová exprese hostitelských linií štěnice domácí z člověka a netopýrů	Markéta Sasínková	367
2021B0021	KVHEM	Reconstruction of Europe Continent Runoff Using using ML and Ensemble of ML from 1500- 2000	Ujjwal Singh	95
2021B0006	KVHEM	Investigation of precipitation variability in response to multi-decadal fluctuations in temperature and oceanic circulation	Shailendra Pratap M.Phil.	74
2021B0026	KEKO	Using community-based approaches to assess the threats to pangolins (<i>Pholidota</i>) in the cross-border area of the Congo Basin	Markéta Swiacká	206
2021B0013	KEKO	Spatial distribution of beneficial arthropods and arthropod-provided ecosystem services in agricultural landscapes	Alfredo Venturo	175
2021B0035	KEKO	Effect of natural large-scale disturbances on bird diversity in mountain spruce forests	Dominik Kebrle	116

2021B0038	KEKO	Effect of incubation behavior on predation risk in ducks (Common Pochard <i>Aythya ferina</i> and Tufted Duck <i>Aythya fuligula</i>) in two different habitats	Monika Homolková	223
2021B0011	KPKS	The role of gender differences in the use of National Parks and Forested Areas in the Czech Republic	Shima Yazdanmehr	70
	IGA continuing projects from 2019 and 2020			
20194222	KEKO	Revize rodové fylogeneze podčeledi Silphinae pomocí molekulárních a morfologických metod	Mahlerová Karolina	225.8
2020B0028_a	KEKO	Antipredatory behavior of incubating subtropical lapwings	Kateřina Brynychová	314
2020B0028_b	KEKO	First step in new proboscis monkey surveying methodology: full census of a large population	Tadeáš Toulec	98
2020B0035	KEKO	Vegetation changes and biodiversity conservation of floodplain forests situated along the regulated rivers	Anežka Holeštová	160
2020B0046	KEKO	Larval morphology and potential distribution pattern of the genus <i>Oiceoptoma</i> (Coleoptera: Silphidae)	David Sommer	234
2020B0011	KEKO	Prevalence of <i>Leucocytozoon</i> infection in the Boreal Owl breeding population in relation to varying environmental conditions	Fernando Alfonso Riera Izarra	150
2020B0013	KPKS	Protection of plužina landscapes in the Czech Republic	Frederick Lowther Harris	200
2020B0006	KVHEM	Lavinové ohrožení v Krkonoších a zpřesnění metod sběru sněhových dat	Markéta Součková	171.5
2020B0045	KVHEM	Analyzing Urban Heat Island Effect in Prague in Changing Climate Using Regional Climate Model	Tugba Dogan	173.32
2020B0007	KAE	Cytologická variabilita a fitness hybridy <i>Fallopia xbohemica</i> v části sekundárního areálu	Martina Kadlecová	96

2020B0008	KAE	Analýza cest zavlékání nepůvodních druhů rostlin v rámci střední Evropy: vlastnosti druhů, možnosti predikce a prevence	Josef Kutlvašr	137
2020B0026	KAE	The relationship between the process of PPCPs degradation and nitrogen removal and its effect on microbial community structures in constructed wetlands (CWs): triclosan and sulfonamides as model contaminants.	Tongxin Ren	253
2020B0032	KAE	Quantitative structure-property relations of ionic liquids and its potential application for pollutants removal	Xuejing Kang	300
2020B0022	KPV	Accuracy Assessment of the Global TanDEM-X Digital Elevation Model in a Mountain Environment	Jana Marešová	225
2020B0027	KPV	Ekologické důsledky akumulace lidských kremovaných ostatků v půdě rozptylových a vsypových louček	Nikola Vodičková	79
2020B0033	KPV	Spektrální heterogenita prostředí jako prediktor druhové a funkční diverzity ptačích společenstev	Dominika Prajzlerová	130
2020B0003	KGEV	Application of biochar in order to enhance retention capacity of contaminated Fluvisol and agricultural Regosol	Samar Seyedsadr	110
2020B0020	KGEV	Environmental aspects of soil amendments derived from organic waste: implications for sustainable soil remediation	Szimana Zarzsevszkij	180
2020B0025	KGEV	TOXICOLOGICAL EVALUATION OF DIFFERENT SEWAGE SLUDGE APPLICATIONS TO AGRICULTURAL SOILS	Omolola Elizabeth Ojo	135