

| Project no.                      | Principal investigator | Title                                                                                                                                                                        | Grade | Budget     |
|----------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|
| <b>FULLY FUNDED PROJECTS</b>     |                        |                                                                                                                                                                              |       |            |
| 2025B0020                        | Anna Karlova           | Waste-derived or by-product amendments for contaminant removal and soil remediation                                                                                          | 29    | 630,000 Kč |
| 2025B0002                        | Kristina Kralj         | Cross contamination of nanoplastics and heavy metals in mycorrhizal augmented constructed wetlands                                                                           | 29    | 192,545 Kč |
| 2025B0014                        | Maria Aguinaga Peña    | Towards long-term interaction of AMOchar with soil and biota                                                                                                                 | 28.5  | 260,000 Kč |
| 2025B0015                        | Hossein Abbasizadeh    | Causal Discovery of Hydro-Climatic Interactions: Investigating Streamflow Response to Temperature and Precipitation Across Diverse Catchments                                | 28    | 150,000 Kč |
| 2025B0010                        | Shruthi Vijay Kumar    | Identification of critical parameters for restoration of urban streams                                                                                                       | 28    | 150,000 Kč |
| 2025B0018                        | Ray Kettaren           | Quantifying the Impact of Climate Change on Extreme Hydrological Events Using a Storyline Approach                                                                           | 27.5  | 202,760 Kč |
| 2025B0026                        | Ing. Barbora Žabová    | Environmental Effects on Insect Longevity: A Multi-Scale Approach                                                                                                            | 27.5  | 145,000 Kč |
| 2025B0022                        | Anshu Shaw             | Ecotoxicological Impact of Polyurethane Degradation Byproducts Across Multiple Trophic Levels                                                                                | 27.5  | 295,000 Kč |
| 2025B0006                        | Michael Kučera         | An R package for neutral landscape generation with input parameter estimation and change simulation                                                                          | 26    | 270,000 Kč |
| 2025B0012                        | Jan Krátký             | Stable Lead Isotopes and Elemental Composition of Pigments as a Forensic Method for Art Authentication                                                                       | 26    | 100,000 Kč |
| <b>PROJECTS WITH BUDGET CUTS</b> |                        |                                                                                                                                                                              |       |            |
| 2025B0016                        | Akbar Rahmati Ziveh    | Aridification is driven by water cycle acceleration over the Mediterranean region                                                                                            | 25    | 126,330 Kč |
| 2025B0034                        | Eliška Paták           | Vodní management Pávilonu environmentálních studií                                                                                                                           | 25    | 153,859 Kč |
| 2025B0023                        | Sonjib Chakraborty     | Spatio-Temporal Analysis of Short-Term Weather Variability and Dengue Fever: Developing a Predictive Model                                                                   | 25    | 175,257 Kč |
| 2025B0024                        | Vishal Thakur          | Multi-Model Insights into Future Hydrological Cycle Changes: Evaluating Agreement and Uncertainty in Global Catchments                                                       | 25    | 150,092 Kč |
| 2025B0029                        | Devvrat Yadav          | Understanding the streamflow flash droughts, their projected changes, associated drivers and impacts                                                                         | 25    | 185,815 Kč |
| 2025B0004                        | Ing. Michal Bořánek    | Analysis of the Direct payments capitalization into agricultural land rental prices                                                                                          | 24.5  | 240,000 Kč |
| 2025B0005                        | Ing. Vlastimil Křicnar | High-Resolution Downscaling of Wind Speed and Direction over Amálie Using the WRF Model: Validation with In-Situ Measurements and Implications for Micro-Scale Wind Modeling | 23.5  | 209,092 Kč |

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| 2025B0017 | Ivana Dubová                      | Climate Model-Based Estimation of Intensity-Duration-Frequency Curve Changes                                                                                                                   | <b>23</b>   | <b>146,242 Kč</b> |
| 2025B0003 | David Homoláč                     | Seasonal variation in the spatial and temporal use of water resources by large mammals in southern Africa                                                                                      | <b>23</b>   | <b>185,000 Kč</b> |
| 2025B0031 | Ing. Šimon Suchopárek             | Amphibian habitat selection in the context of population dynamic: Implication for conservation                                                                                                 | <b>23</b>   | <b>112,946 Kč</b> |
| 2025B0011 | Benneth Nassc                     | Preserved in polyploidy: unravelling the genome architecture of an extinct plant lineage                                                                                                       | <b>22.5</b> | <b>395,000 Kč</b> |
| 2025B0007 | Liliana Patricia Sandoval Salinas | Unveiling the hidden diversity of Apteroloma (Coleoptera: Agyrtidae) in the Americas: taxonomy, phylogeny, and biogeography of high-mountain beetles                                           | <b>22.5</b> | <b>263,000 Kč</b> |
| 2025B0001 | Ali Danesh                        | People's Perception of Two Prague Neighborhoods and the Impact of Thermal Discomfort: An Interdisciplinary Approach Based on Lynch's Elements, Social Media Analysis and Space Syntax Analysis | <b>21</b>   | <b>141,423 Kč</b> |
| 2025B0019 | Ing. Nela Tesařová                | Effects of heat stress and parental investment on offspring recruitment in a subtropical lapwing                                                                                               | <b>21</b>   | <b>245,000 Kč</b> |
| 2025B0021 | Ing. Karel Píša                   | Climate change adaptation measures: A modelling workflow to quantify the expectations                                                                                                          | <b>20</b>   | <b>126,987 Kč</b> |
| 2025B0027 | Ing. Veronika Jašková             | The Potential of Urban Green Infrastructure to Support Insect Pollinators                                                                                                                      | <b>18</b>   | <b>133,420 Kč</b> |
| 2025B0030 | Jan Počta                         | Environmental DNA surveillance of Batrachochytrium pathogens in amphibians across the Czech Republic and Europe                                                                                | <b>17</b>   | <b>115,000 Kč</b> |
| 2025B0033 | Ing. Barbora Neoralová            | Postoj obyvatel měst České republiky a Francie k přírodě blízkým řešením na komunitních zahradách: Vnímání klimaticky příznivých opatření v kontextu klimatické krize                          | <b>15.5</b> | <b>130,000 Kč</b> |