



# iDiv Conference 2024

## Thursday, 14 November 2024

### Poster Flash Talks - Leipziger KUBUS/2-AB - Hall 2 (12:15 - 12:30)

time	[id] title	presenter
12:15	[81] Exposure to sealed surfaces and subjective health outcomes: Evidence from longitudinal data in Germany	KASSOURI, Yacouba
12:16	[80] Biodiverse urban green spaces: Insights from a survey-based hedonic analysis in 14 German cities	Dr LIEBELT, Veronika
12:17	[72] Non-linear relationships between green space characteristics and physical activity in the German National Cohort (NAKO)	KREISLER, Torvid
12:18	[146] Eco-tourism, insect-perception and mental wellbeing in the Peruvian Amazon rainforest	Mr AVELLANEDA VERGARA, Adrian Gustavo
12:19	[39] FLOW - Citizen science shows that Germany's small streams are in poor ecological status	VON GÖNNER, Julia
12:20	[73] How can citizen science support stream restoration? A scoping study	BISCHOF, Roland

### Poster Flash Talks - Leipziger KUBUS/1-A - Hall 1 A (12:15 - 12:30)

time	[id] title	presenter
12:15	[29] Biological species delimitation revisited using the high Andean tree genus <i>Polylepis</i> (Rosaceae) as a model	Dr OLIVAR, Jay Edneil
12:16	[128] Macroevolutionary insights into the evolution of fleshy fruits	CLARKE, John
12:17	[124] Seed microbiome effects on the composition and diversity of organisms colonizing seedlings	KÖHLER, Michael
12:18	[102] Root functional strategies as drivers of the functional composition of soil fungal communities and ecosystem functioning	HENNECKE, Justus
12:19	[94] EO4BEF: A global multi-modal Earth Observation dataset for understanding Biodiversity-Ecosystem Functioning	MONTERO LOAIZA, David
12:20	[96] Cryptic diversity and evolution in Orthoptera: A continent-wide perspective	CASTILLO, Elio Rodrigo
12:21	[71] Integrating High Throughput Molecular and Optical Methods to Study Protistan Abundances in Groundwater Ecosystems	MÖBIUS, Nadine
12:22	[120] Partitioning the arthropod Armageddon: survival of the heaviest	WILDERMUTH, Benjamin

### Poster Flash Talks: Biodiversity Change - Leipziger KUBUS/1-B - Hall 1 B (12:15 - 12:30)

time	[id] title	presenter
12:15	[97] Writing outreach into your grant proposal	HAHN, Volker
12:16	[40] A biodiversity portal for Germany: Lebendiger Atlas der Natur Deutschlands (LAND)	ENGEL, Thore
12:19	[127] Shifts in the distribution of timber species in Nigeria under climate change and implications for timber availability	MÜNDER, Nina

12:21	[142] Mongolian vegetation in the past and present - deducting plant occurrences, performance and phenology from herbarium specimens	VINCZE, Anna
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**Poster Flash Talks - Leipziger KUBUS/2-AB - Hall 2 (14:45 - 15:00)**

time	[id] title	presenter
14:45	[82] Science meets policy: the European Topic Centre on Biodiversity and Ecosystems	BRASCHLER, Brigitte
14:46	[48] How policy can support farmers in restoring habitat connectivity - Simulations on policies for hedge plantings	KOLB, Lea-Deborah
14:47	[22] Country-level determinants of the decision to invest into renewable energy projects	MARTINI, Christina
14:48	[149] iDiv for female scientists	HOSS, Daniela
14:49	[41] The Fellowship is broken: How the Gollum Effect Impacts Research and Careers	VALDEZ, Jose

**Poster Flash Talks - Leipziger KUBUS/1-B - Hall 1 B (14:45 - 15:00)**

time	[id] title	presenter
14:45	[58] Defining the role of spatial sampling in soil biodiversity estimates	KOSTAKOU, Maria
14:46	[162] A framework to model species responses to extreme weather events	KAUFFELDT, Aaron Hagen
14:47	[68] Known unknowns and model selection in ecological evidence synthesis	BLOWES, Shane
14:48	[131] Understanding biodiversity patterns in response to land-use change: Insights from Peneda-Gerês National Park	JOERGER-HICKFANG, Theresa
14:49	[69] Heathland restoration measures worsen ground beetle decline, regardless of functional traits.	FAURE, Mathieu
14:51	[100] Wild bee body size as a response trait to anthropogenic disturbance in agriculturally dominated landscapes	WILD, Bilyana
14:52	[148] Insects in cities: A within-city approach to reveal the ecological drivers that shape urban pollinator assemblages	FRIEDEL, Selina

**Poster Flash Talks: Biodiversity and the functioning of Ecosystem - Leipziger KUBUS/1-A - Hall 1 A (14:45 - 15:00)**

time	[id] title	presenter
14:45	[87] Biodiversity increases the stability and resistance of plant community nutrient concentrations.	Mr BAAN, Patrick
14:46	[25] Moving forward with energy landscape research	BERTI, Emilio
14:47	[13] Soil Multistability	JANDA, Zarah
14:48	[53] Soil food-web reconstruction across different mycorrhizal type dominated forests using the compound-specific isotope analysis of amino acids	HAUER, Amelie
14:49	[78] Understanding the impact of aboveground invertebrate decline on soil biodiversity and ecosystem functioning	Mr CONSTANTINOU, Ioannis

**Poster Flash Talks: Biodiversity and the functioning of Ecosystem - Leipziger KUBUS/1-A - Hall 1 A (16:45 - 17:00)**

time	[id] title	presenter
16:45	[150] Tree Growth Responses to the Central European 2018-2020 Drought: Roles of Diversity, Mycorrhizal Types, and Drought-Tolerance Traits	SACHSENMAIER, Lena
16:46	[157] Predicting global-scale plant traits from environmental data	DECHANT, Ben
16:47	[36] Increasing frequency of drought years threatens the viability of beech forests in Central Germany	RUEGER, Nadja
16:48	[114] Exploring clonal oak tree-nematode interactions under drought and herbivory stress	LEONAR, April Lyn
16:49	[137] ARBOfun – Fate and Functioning of Central European Tree Species under Climate Change	WIRTH, Christian

**Poster Flash Talks: Biodiversity Dynamics & Complexity - Leipziger KUBUS/1-B - Hall 1 B (16:45 - 17:00)**

time	[id] title	presenter
16:45	[54] Testing whether new camera methods could detect change in pollinator and pollination biodiversity across different ecological context in Europe	ZHONG, Yuping
16:46	[61] Image-based multispectral flow cytometry – a new analytical approach for fast and efficient pollen determination	WALTHER, Franziska
16:47	[126] Does diet specialization influences the abundance and distribution of oil-collecting Centris bees in the Brazilian Cerrado?	SOUSA, Paulo
16:48	[143] From Phreatophyte Species to Habitat Probability for Groundwater-Dependent Vegetation - a Multiscale Approach	EL-HOKAYEM, Léonard
16:49	[49] Temporal variation of canopy functional trait diversity assessed through remote sensing	MEDERER, Daniel
16:50	[44] sPlot 4.0: towards a truly global database for understanding vegetation spatiotemporal changes	DAMASCENO, Gabriella
16:51	[152] A DIGITAL TWIN OF GRASSLAND ECOSYSTEMS	TAUBERT, Franziska
16:53	[160] Regional aridification drove changes in Asian mammal faunas by the middle Eocene. Implications for the timing and magnitude of the Mongolian Remodelling.	Dr BENEVENTO, Gemma

**Poster Flash Talks: Molecular Biodiversity and Evolution - Leipziger KUBUS/2-AB - Hall 2 (16:45 - 16:55)**

time	[id] title	presenter
16:45	[32] Refining DNA extraction and metabarcoding techniques of soil nematode communities	WANG, Lu
16:46	[132] Introducing iDiv's metabarcoding Support Unit iBarc - integrating molecular approaches to explore biodiversity	HERRMANN, Martina
16:47	[14] iCONNECT, the integrative CONyza NETwork for Contemporary Trait evolution	ROSCHE, Christoph
16:48	[156] Plot-level steroidal glycoside diversity and chemotype affect plant performance, herbivory and buzz-pollination in <i>S. dulcamara</i>	ANAIA, Redouan Adam
16:49	[165] The impact of metabolomics - EcoMetEoR	GABRIEL, Jennifer
16:50	[133] Building a macrogenetics database for insects	DOVYDAITIS, Emily

16:51	[95] InsectMobil: Impacts of landscape on insect diversity and composition through the use of citizen science and DNA metabarcoding	PETERS, Birte
16:52	[19] The ecology and evolution of fruit functional traits	NEVO, Omer