

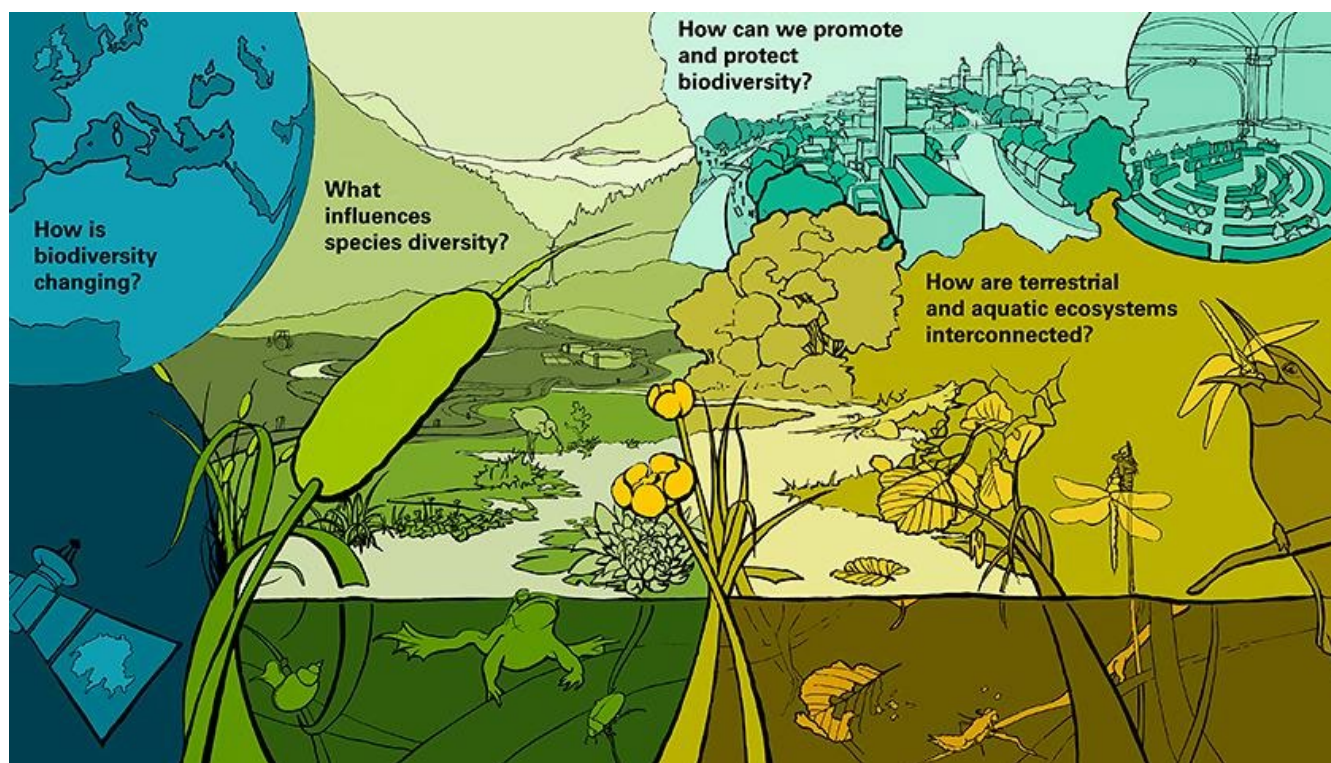
**Blue-Green Biodiversity Research Initiative**

An Eawag-WSL collaboration focusing on Biodiversity at the interface of aquatic and terrestrial ecosystems.



**eawag**  
aquatic research ooo

# BGB workshop Empa-Akademie, Dübendorf Monday 20<sup>th</sup> September 2021



Register here <https://www.eawag.ch/de/news-agenda/events/2021/bgb-workshop-registration/>  
before **August 16, 2021**

Directions to Empa-Akademie: <https://events.empa.ch/Anreise/>

## Workshop program

08:30 - 08:40	Welcome and introduction
<b>08:40 - 09:15</b>	<b>Science keynote by Dr. Laura Antão</b> Research Centre for Ecological Change, University of Helsinki
<b>9.15 – 10.15</b>	<b>BGB2020 projects on biodiversity patterns and processes</b>  Biodiversity assembly in blue and green ecosystems: speciation versus immigration, Dr. Luiz Jardim de Queiroz  Assessing richness differences between blue and green systems by quantifying biodiversity turnover along global gradients, Dr. Ian McFadden  Evaluating temporal community structure as a function of environmental variables acting at different scales, Dr. Shyamolina Ghosh  The architecture of community structure, functional traits and trophic networks across blue-green ecosystems, Dr. Ho Hsi-Cheng
10:15 - 10:45	Coffee break
<b>10:45 - 12:15</b>	<b>BGB2020 projects on anthropogenic influences on biodiversity</b>  Analysing recent developments in abundance, biomass and species richness of aquatic and terrestrial insects in Switzerland, Dr. Friederike Gebert  Predator coupling of aquatic and terrestrial ecosystems: the importance of nutritional diversity of prey, Dr. Ryan Shipley  Contrasting patterns and processes of biological invasions in blue versus green ecosystems, Dr. Agnieszka Sendek  Testing the generality of biotic homogenization by human impact in aquatic and terrestrial ecosystems, Dr. Mark Wong  Global remotely sensed phenology: A unifying Essential Biodiversity Variable for assessing the linkage between aquatic and terrestrial ecosystems, Dr. Jelle Lever  Warming-related community turnover in terrestrial and freshwater ecosystems, Dr. Imran Khaliq
12:15 - 13:30	Lunch break
<b>13:30 - 14:05</b>	<b>Policy keynote by Dr. Glenn Litsios</b> Biodiversity Policy Section, Swiss Federal Office of the Environment

<b>14:05 - 14:50</b>	<b>BGB2020 projects on biodiversity management and policy</b>  Blue-green infrastructure for biodiversity enrichment in human-dominated landscapes, Dr. Giulia Donati  Blue-green infrastructure for blue-green lives: modelling use and colonization credit of an ecological infrastructure to inform evidence-based amphibian conservation, Dr. Helen Moor  How has Swiss biodiversity policy been performing over the last 30 years? Dr. Ueli Reber
<b>14.50 – 15.30</b>	<b>Outlook on BGB2021-2024 projects</b> 5-minute introductions to the eight upcoming BGB projects.  <b>Research and education track</b> Blue-green stormwater infrastructure meets biodiversity in the city (Benefit), Dr. Lauren Cook & Dr. Marco Moretti  Food-webs across aquatic-terrestrial environments in forests in the face of climate change, Prof. Dr. Martin Gossner & Prof. Dr. Carsten Schubert  Species interactions in beaver engineered habitats link land-water ecosystem processes, Dr. Anita Risch & Dr. Francesco Pomati  Blue-Green Cyanobacteria: Diversity, Toxins and alpine tourism, Prof. Dr. Christoph Scheidegger & Dr. Elisabeth Janssen  Assessing and designing blue-green conservation strategies for the 21st Century in Switzerland, Prof. Dr. Niklaus Zimmermann & Prof. Dr. Ole Seehausen  <b>Implementation track</b> The land-water scape: Capacity building across the blue-green interface, Prof. Dr. Florian Altermatt & Prof. Dr. Rolf Holderegger  Enhancing residents' understanding of blue-green biodiversity through participatory interventions and social learning: A key for successful river restoration planning and implementation, Dr. Matthias Buchecker & Dr. Nadja Contzen  BlueGreenNet – Social-ecological networks to enhance biodiversity in peri-urban regions, Dr. Manuel Fischer & Dr. Janine Bolliger
15:30 - 16:00	Coffee break
<b>16:00 - 16:45</b>	<b>Workshop in breakout groups</b>
16:45 – 17:15	Reporting back from the breakout groups
17:15 - 17:30	Wrap up and discussion
<b>17:30-18:30</b>	<b>Apero at Empa</b>
<b>19:30</b>	<b>Dinner at restaurant</b>