



- Body size is a key trait in ecology that reflects biological rates at individual, population and community levels including metabolic rates, demographic effects, biotic interactions and energy fluxes.
- The MacroSize workshop aims to determine the macroecological patterns of body size structure at both temporal and spatial scales under the global change impacts (e.g., climate warming, biological invasions, fragmentation).
- The MacroSize workshop will work on body size patterns of stream fish as an ideal group since they are ectothermic animals, display ontogenetic shifts, and their body range span several orders of magnitudes from small minnows to large European catfishes.
- To achieve this, the workshop will aim to tackle several hypotheses using the FishSIZE dataset, a comprehensive riverine fish individual body size information at the global scale with more than 75,000 sampling surveys in 17,000 stream and river locations.