



# Seminar(i)

**Searching for predictable assembly processes in  
freshwater fish metacommunities**

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The development of the metacommunity theory has highlighted the importance of taking regional dispersal into account to understand how species are assembled in local communities. Metacommunity studies have used two main approaches to seek for general processes regulating metacommunities: *variation partitioning* analysis to tease apart the influence of environmental and spatial factors and *Elements of Metacommunity Structure* to determine which distributional pattern best fit an empirical metacommunity. I will show how I've used these two approaches to search for non-random patterns and underlying assembly processes in three aquatic ecosystems with contrasting landscape structure: temperate lake-fishes in Canada, floodplain-fishes in Brazil and riverine fishes in France.

**WHERE?**

Seminar room ICBiBE - SS6  
(Institutes building floor -1)

**WHEN?**

Wednesday 14/3/2018 – 12:00 h