

Interactions in aquatic food webs (IRTA)

Leader : Alexandre Bec

Our research aims to assess how local and global constraints affect the functioning of aquatic ecosystems. We mainly focus on the microbe-metazoan interface where the high variability in energy and matter transfer efficiency impact ecosystem structure and productivity.

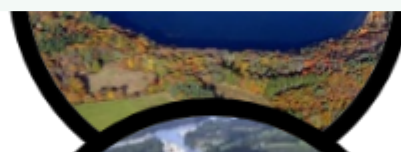
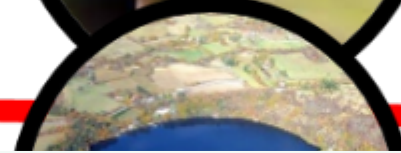
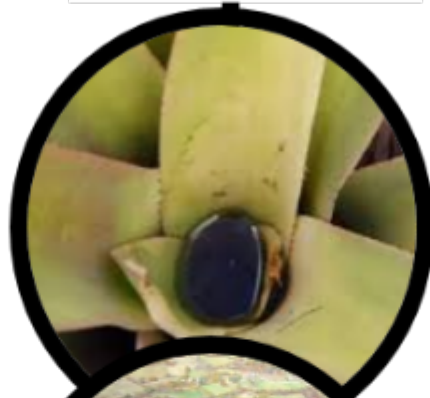
Research themes:

- Local and global drivers of aquatic microbial communities (with a focus on cyanobacteria)
- Functional importance of detrital food webs
- Fluctuating thermal and nutritional constraints on aquatic consumers
- Integration of nutritional and metabolic ecology
- Resilience of aquatic ecosystems

milieux
aquatiques

Contraintes

Conceptual links between our research themes



[https://Imge.uca.fr/version-francaise/equipes/interactions-dans-les-reseaux-trophiques-aquatiques-rta/presentation-de-lequipe-rta\(https://Imge.uca.fr/version-francaise/equipes/interactions-dans-les-reseaux-trophiques-aquatiques-rta/presentation-de-lequipe-rta\)](https://Imge.uca.fr/version-francaise/equipes/interactions-dans-les-reseaux-trophiques-aquatiques-rta/presentation-de-lequipe-rta(https://Imge.uca.fr/version-francaise/equipes/interactions-dans-les-reseaux-trophiques-aquatiques-rta/presentation-de-lequipe-rta))