

INVENTORY OF FRESH WATER INVERTEBRATES IN THE EAST OF MADAGASCAR

Fresh water :

Rich in fish, Amphibians and also Invertebrates

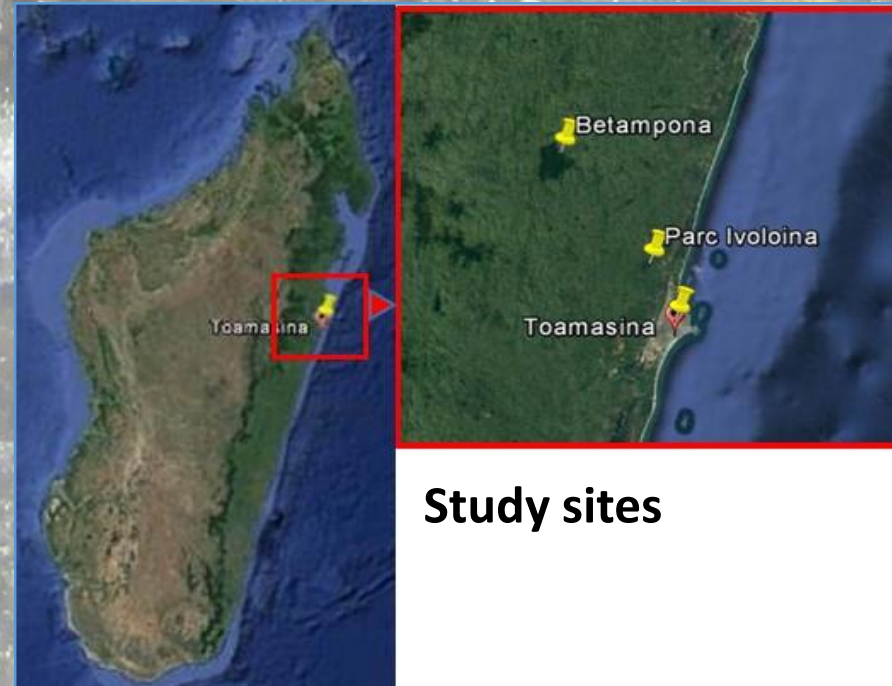
Importances of Invertebrates :

- Component of the aquatic ecosystem (predators or preys);
- Resources for fish and humans (crabs, shrimps and mollusks);
- Decomposers

Problems:

- Presence of chemical product (pesticides);
- invasives species (*Duttaphrynus melanostictus*).

- **Aim :** to know the diversity of the invertebrates fauna in the rivers of the eastern part of Madagascar.



Study sites

Level of human impact per site :

- Betampona NRI : Low
- Parc Ivoloïna : Medium
- Toamasina : High

Methodology: Collecting samples and physico-chemical parameters of water at the three sites.

Expected results:

- List and diversity of invertebrates species in three types of habitat;
- Identification of bio indicators of fresh water;
- invasive species detection.