**Antananarivo – March, 3rd 2014**

# COMMUNITY ECOLOGY, CONSERVATION BIOLOGY AND APPLIED STATISTICS

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# Affiliation

## Position

- 2006–2008 : PhD Student, Cemagref
- 2009–present : Scientific researcher Cirad
- UPR BSEF : Tropical forest ecosystems

## Places

- 2006–2008 : Grenoble (French Alps)
- 2010–2012 : Madagascar
- 2013–present : Montpellier (France)

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# Research

- **Community ecology :** competition, intraspecific variability, rare species
- **Conservation biology :** avoiding deforestation (REDD+), adapting to climate change (SDM + PAN)
- **Statistical tools for ecology :** Bayesian approach, SDM, tree demography, deforestation models

**Places :** Madagascar and tropical countries (mostly) + Alps

# Research

- **FRB BioSceneMada :** biodiversity scenarios in Madagascar (climate change + deforestation)
- **National forest carbon map in Madagascar :** ACD=f(vegetation index, topography, climate)
- **hSDM R package :** species distribution models with imperfect detection and spatial correlation (Atlas of bird species in Switzerland).

... Thanks for attention ...