

Does climate change influence the phenology of chameleons?

Insights from Madagascar

Context and problematic

Phenological shifts ~ climate change

➔ **POORLY KNOWN** (chameleons)

BUT natural history parameters ~ climate

➔ **VULNERABILITY** (chameleons)

Goal

Investigate climate change effects on
hatching time & growth

Preliminary results

Hatching time and climate variation

Shift in hatching time ~ climatic variation

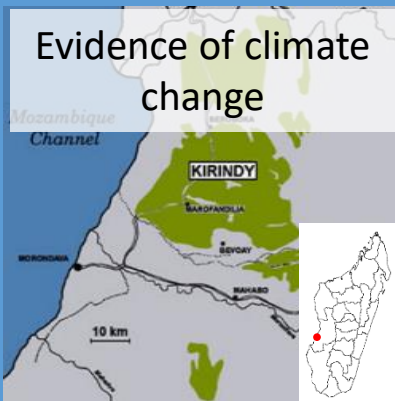
Positive correlation between T° -SVL

No correlation between P-SVL

➔ **VULNERABILITY** but need of
quantification...



Methodology



Particular life-history

Nocturnal survey

(2013, 2015, 2017)

- Age class, sex
- SVL

$T (^{\circ}C)$; $P (mm)$

Modeling???

