

### Step 1: Generate gridded temperature data

Download silo temperature.R → Gridded\_mean\_annual\_temp\_1889\_2021.tif

### Step 2: Generate tidy Bd prevalence data

Murray et al. 2010 data

Chytridiomycosis\_data\_1956\_2007.csv

Amphibian disease portal data

samples\_output.csv

diagnostics\_output.csv

events\_output.csv

ASH frog names.csv

Scheele et al 2017 chytrid impacted frogs.csv

Gridded\_mean\_annual\_temp\_1889\_2021.tif

Generate tidy Bd prevalence data.R

Tidy Bd prevalence data.csv

Species list.csv

### Step 3: Download frog location data and calculate thermal tolerances

Specis list.csv

Tidy Bd prevalence data.csv

Gridded\_mean\_annual\_temp\_1889\_2021.tif

Extract ALA data and calculate thermal tolerances.R

Thermal optima.csv

### Step 4: Run analysis and generate figures

Tidy Bd prevalence data.csv

Thermal optima.csv

Australia shape vector.gpkg

Bd prevalence analysis.R

Figures