UNSW AI Symposium 2024

FrogID: people power to the rescue in frog conservation

Nov 2024

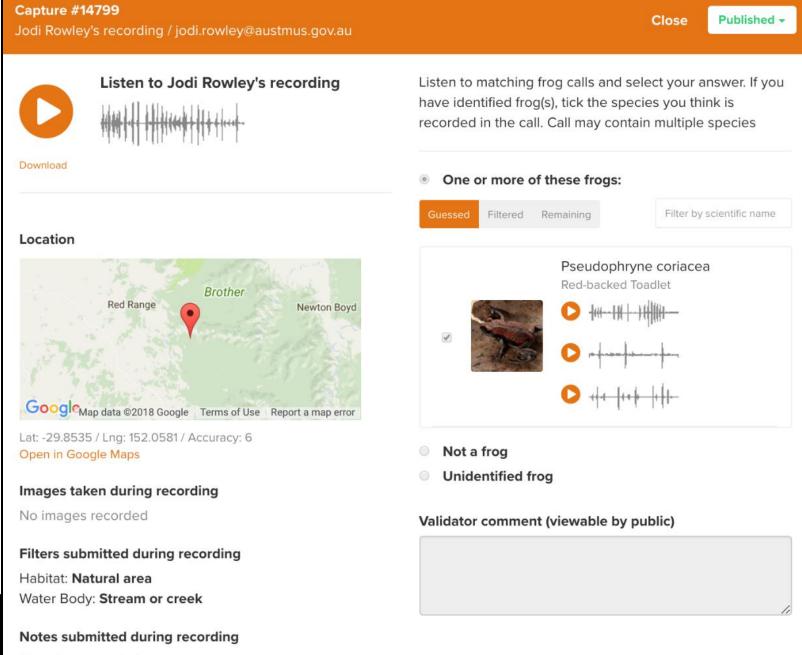
Dr Jodi Rowley Australian Museum & UNSW Sydney





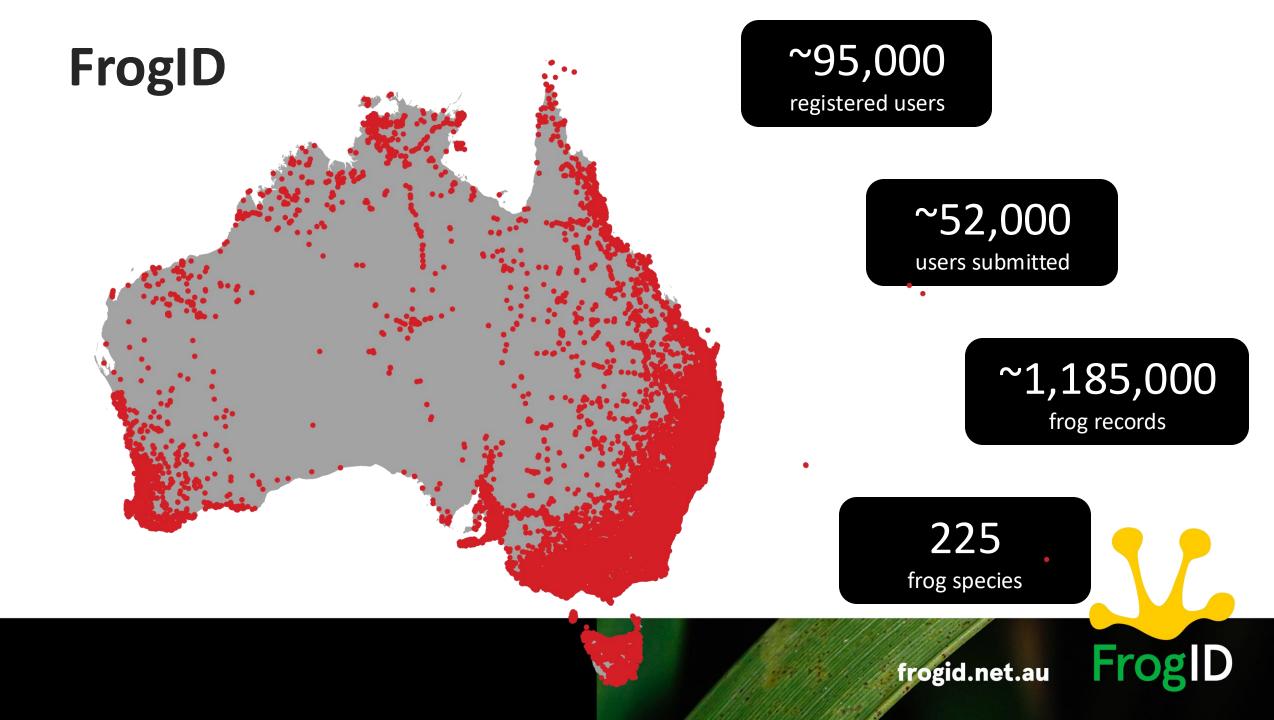


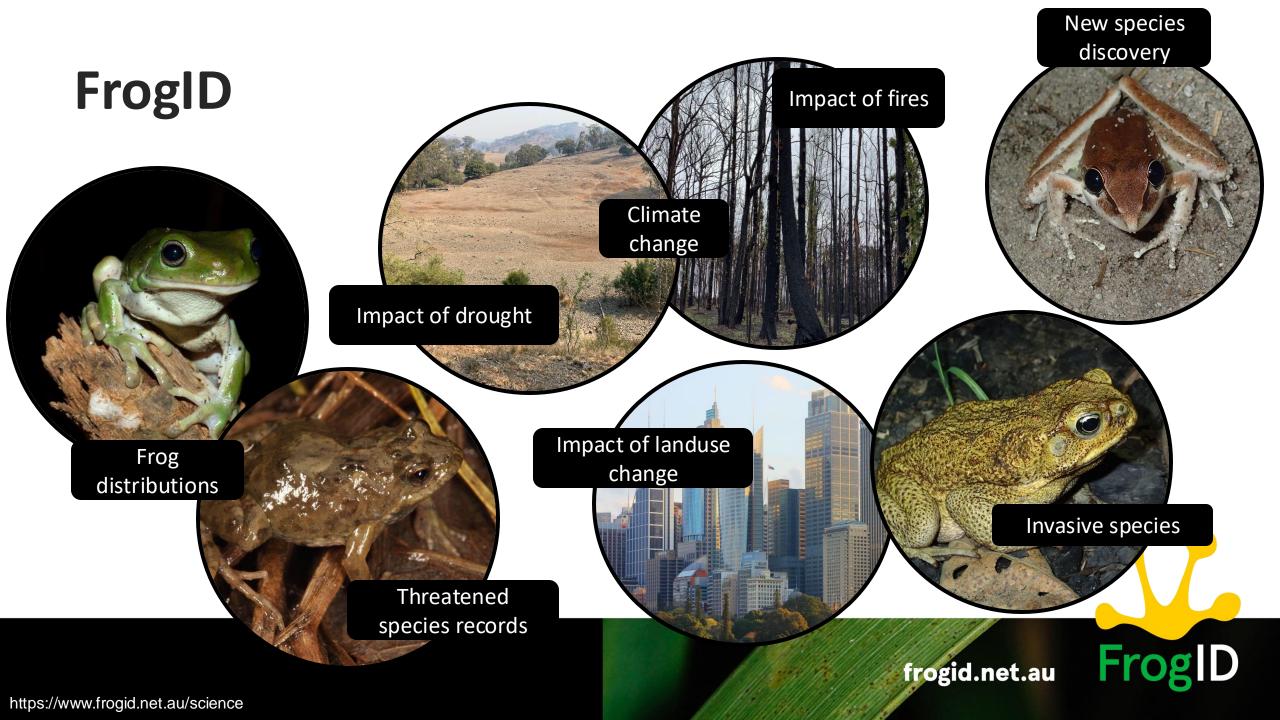
FrogID











FrogID & AI

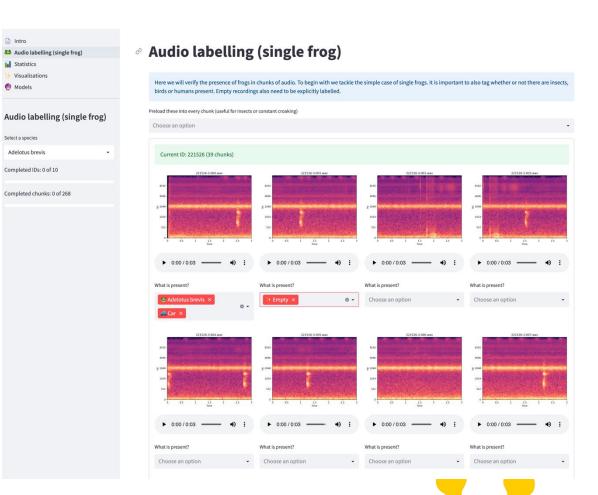
Atlassian Engage4Good

Model Architecture:

- PaSST audio embedding as input features
 - Using multiclass logic regression
 - Training data 'chunked' (not tagged)

Model scope:

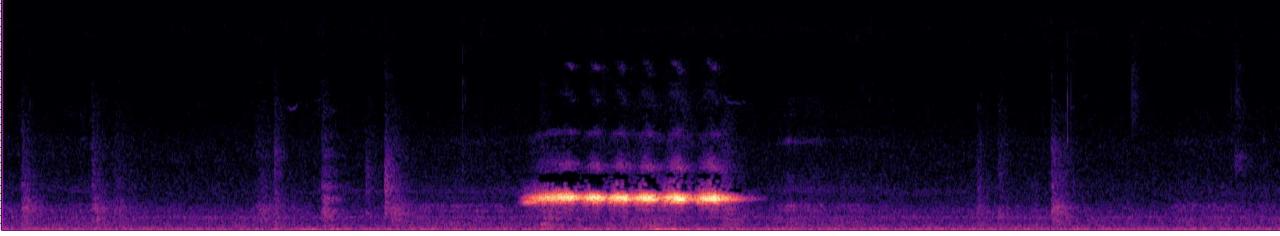
- Greater Sydney area (42 species)
- Triage: complexity rating

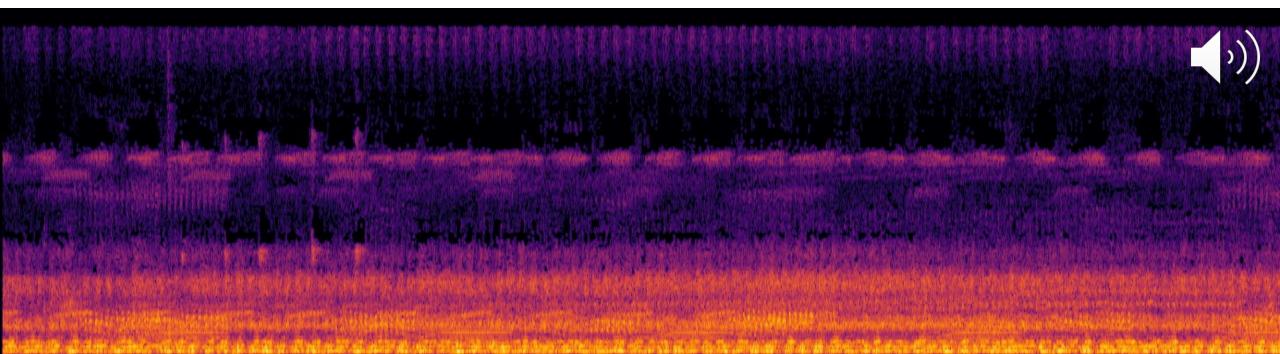


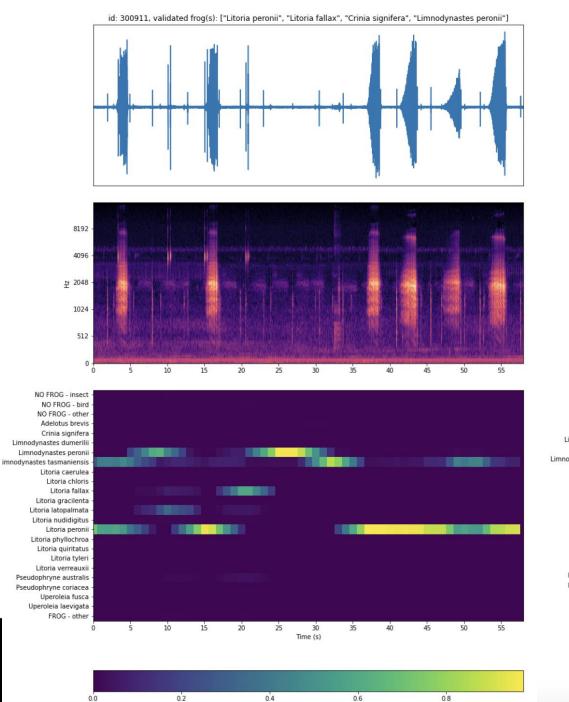
frogid.net.au

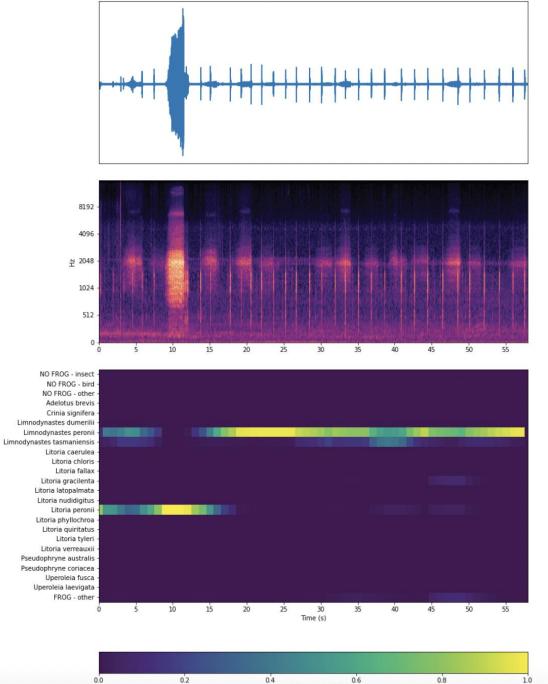


FrogID & AI









id: 162831, validated frog(s): ["Limnodynastes peronii", "Litoria peronii"]

0.2 0.0 0.4 0.6 0.8 prediction probability

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Supporting Partner









This project received grant funding from the Australian Government

Museum Partners











AUSTRALIAN



