OSCARS
Open Science Clusters' Action for Research & Society

Funded Project

RISKY - wildlife mortality from energy and transport infrastructure

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Implemented by

cibio

BIOPOLIS

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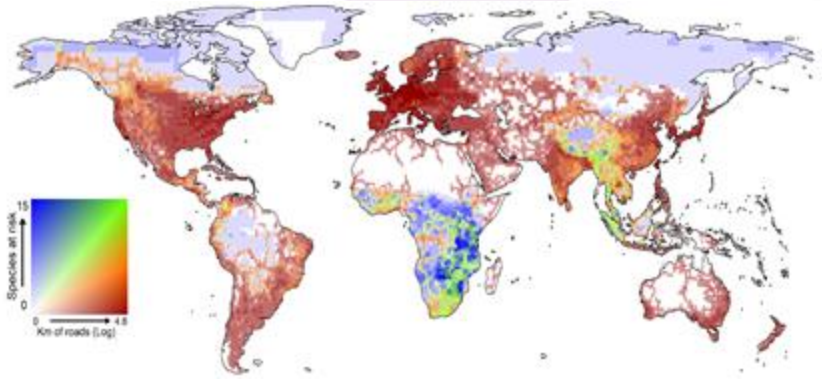
CHALLENGE ADDRESSED

- Energy and transport infrastructure are widespread across landscapes and are expanding globally.
- Millions of terrestrial vertebrates are killed by collisions or electrocutions caused by energy and transport infrastructure;
- Lot of publications that have locations of collisions and electrocutions that are not open access.




Develop and launch a web platform

that extends the current Atlas of Living Australia ala.org.au



Mortality Data
Species data

Analytical tools

RESULTS

- Locations of mortality data (datapapers, GBIF, RISKY web platform);
- Mortality rates (ind/infrastructure/year);
- User friendly analytical tools (predictRISK, mortalityRISK);
- Risk analysis for terrestrial vertebrates




RISKS

- Authors of publications may be unwilling to share data;
- Operators may be uncooperative to participate in the project and share raw information present in the reports.

MITIGATION

- 1st - contact researchers
- 2nd - contact the operators by inviting them to webinars to foster dialogue between researchers and operators, promoting data sharing and collaboration;
- Organize training sessions to improve data collection methods and survey effort consistency
- Regularly disseminate project progress through reports, and presentations to maintain transparency and engagement

Project team members

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