**Highways and hubs for freshwater connectivity and conservation under climate change**

**Article impact statement**

Broad-scale mapping of lake-stream connectivity is essential for freshwater biodiversity conservation, particularly under climate change.

**Keywords**

Protected areas, corridors, species range shifts, lakes, rivers, streams, graph theory

**Word count**: 7540

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**Acknowledgments**

Support for this research was provided by the US National Science Foundation Macrosystems Biology program (EF #1638679 and #1638539). We thank K. Cheruvelil and P. Soranno for constructive comments at early stages of this project. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the US Government.

**Author contribution statement**

IMM and KBSK conceived of the original study. PJH calculated hub lakes and additional connectivity metrics beyond those in LAGOS-US-NETWORKS. IMM conducted protection analyses and PJH and KBSK analyzed relationships among hubs, reservoirs, and dams. All authors conducted literature review and exploratory data analyses and wrote portions of the paper.

**Data availability statement**

All data, metadata, and R analysis scripts are currently available <https://github.com/cont-limno/TripleC>. Upon publication, this repository will be permanently archived in a publicly accessible online location and cited in our methods.