**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**

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**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.