

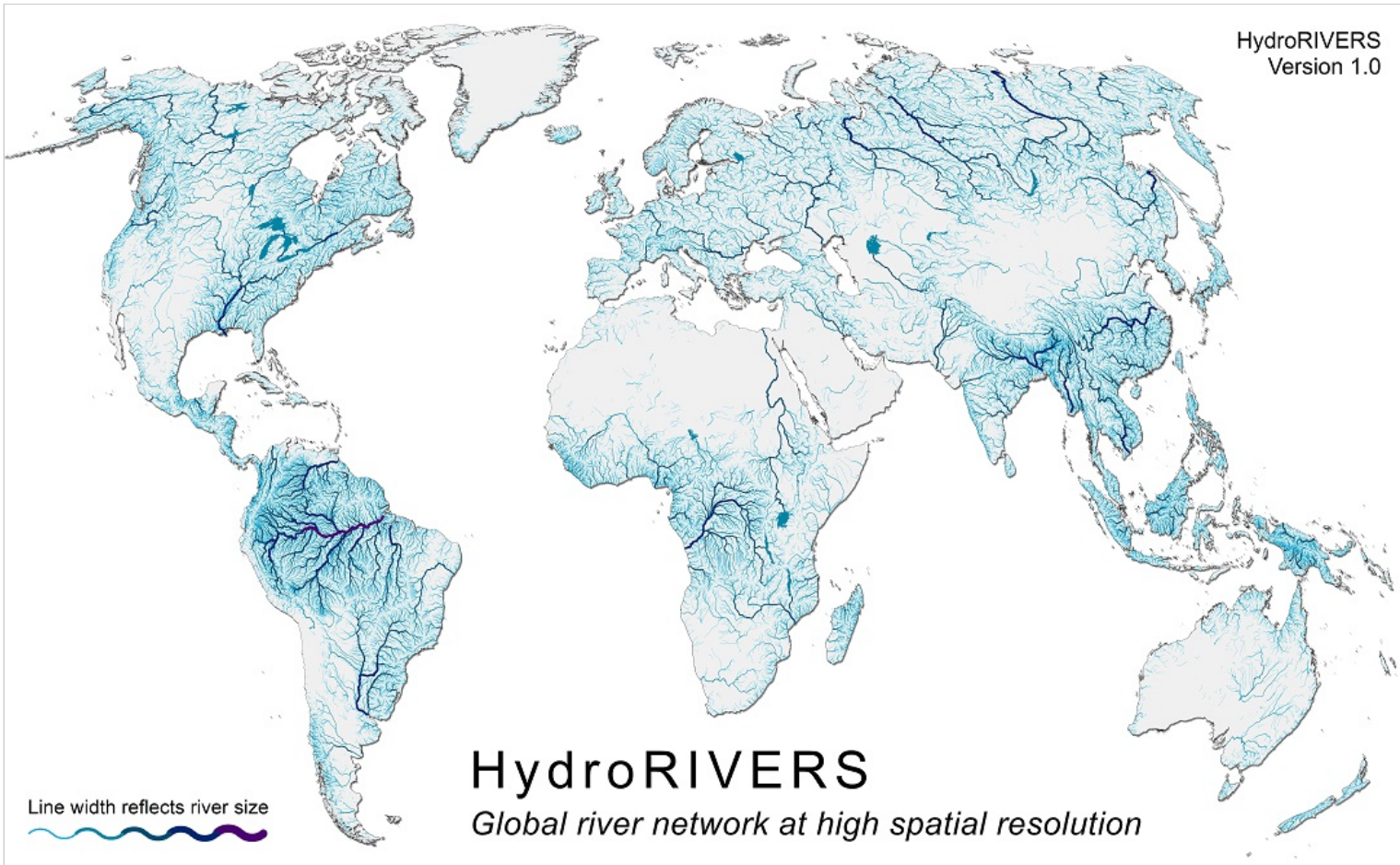


## HydroRIVERS Version 1.0

### Overview

HydroRIVERS is a database aiming to provide the vectorized line network of all global rivers that have a catchment area of at least 10 km<sup>2</sup> or an average river flow of 0.1 cubic meters per second, or both.

The global coverage of HydroRIVERS encompasses a total of 8.5 million individual river reaches with an average length of 4.2 km, representing a total of 35.9 million km of rivers globally. Additional attributes for each river reach include estimates of the river reach length, the distance from upstream headwaters or final ocean outlet, river order, and average discharge. Every river reach is also co-registered to the sub-basin of the HydroBASINS database in which it resides (via a shared ID).



### Technical documentation

Please consult the [HydroRIVERS Technical Documentation](#) for more details on the database.

### Data download

The data can be downloaded in 2 different formats (ESRI Geodatabase or Shapefile) and either as a global or regional coverage (see below figure for regional extents). Click on the zip-file link in the following table for download:

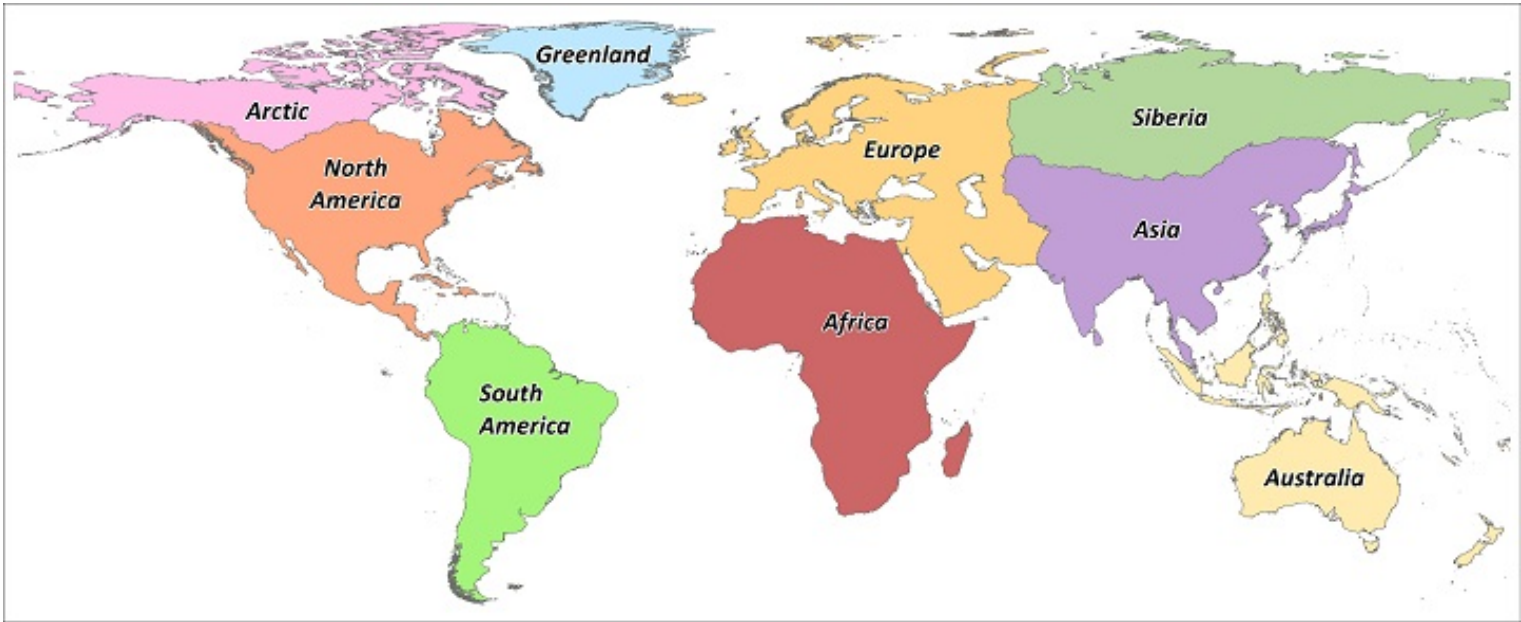
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It should be noted that the quality of the HydroRIVERS data is significantly lower for regions above 60 degrees northern latitude as there is no underlying SRTM elevation data available and thus a coarser scale DEM has been inserted (HYDRO1k provided by USGS).

Project contact

For more information on this project please contact [Dr. Bernhard Lehner](#)

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