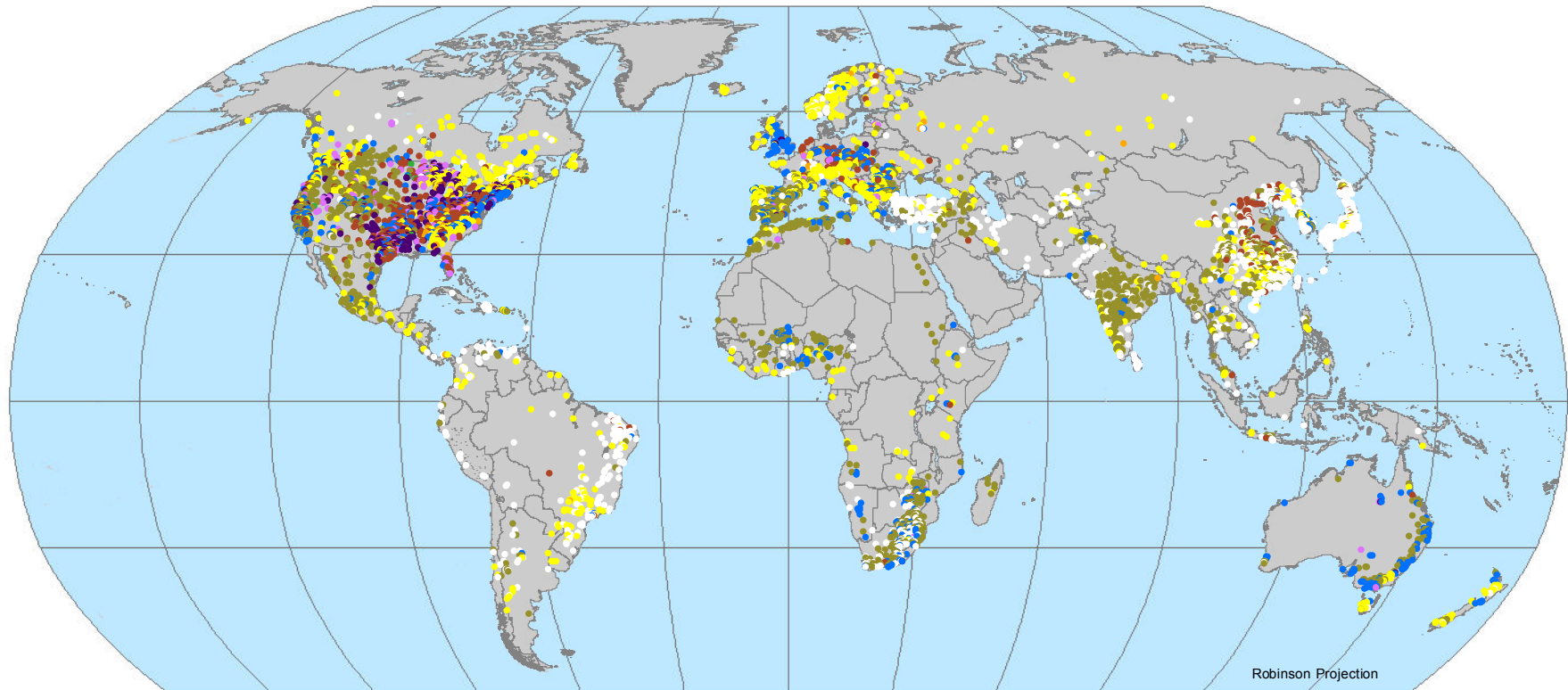


Global Dams

Global Reservoir and Dam Database, Version 1 (GRanDv1), Revision 01



The Global Reservoir and Dam Database, Version 1 (Revision 01) contains 6,862 records of reservoirs and their associated dams with a cumulative storage capacity of 6,197 cubic km. The dams were geospatially referenced and assigned to polygons depicting reservoir outlines at high spatial resolution. While the main focus was to include all dams associated with reservoirs that have a storage capacity of more than 0.1 cubic kilometers, many smaller dams and reservoirs were added where data were available.

Dam Main Use

- Fisheries
- Flood control
- Hydroelectricity
- Irrigation
- Navigation
- Not classified
- Other
- Recreation
- Water supply

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Source: Lehner, B., Reidy Liermann, C., Revenga, C., Vörösmarty, C., Fekete, B., Crouzet, P., Döll, P., Endejan, M., Frenken, K., Magome, J., Nilsson, C., Robertson, J., Rödel, R., Sindorf, N., Wisser, D. (2011) High-resolution mapping of the world's reservoirs and dams for sustainable river-flow management. *Frontiers in Ecology and the Environment*. <http://www.esajournals.org/doi/abs/10.1890/100125>. Data available through the NASA Socioeconomic Data and Applications Center (SEDAC) <http://sedac.ciesin.columbia.edu/pfs/grand.html>

