***File:***

Marinas\_GL\_GLEAM\_data.shp

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***Description:***

This data set was created as part of a larger work, the Great Lakes Environmental Assessment and Mapping (GLEAM) Project. For a full description of the GLEAM project, please see:

Allan, J.D., et al., 2015. Using cultural ecosystem services to inform restoration priorities in the Laurentian Great Lakes. *Frontiers in Ecology and the Environment*, 13(8): 418-424. doi:10.1890/140328

Please cite Allan et al. 2015 when using this dataset.

*Recreational boating (marinas and marina slips*) Marina locations in the U.S. and Canada were identified from internet sites and confirmed using Google Earth. As a measure of marina size we determined the number of boat slips at each marina from their websites when available or counted boat slips directly from aerial imagery. Low image resolution for some sections of Canadian shoreline precluded accurate boat slip counts; these occurred in less populated regions and we assigned a default value of 20 boat slips to known marinas when no other data were available. Marinas located within river-inland lake complexes were assumed to provide Great Lakes access and were included if within 5 km of an outlet to a Great Lake. Multiple marinas often were located within the same embayment, and these were grouped and mapped by the location of their access point to the Great Lakes.

See Allan et al. 2015 for more details.

Field map:

|  |  |
| --- | --- |
| Marina | Marina name |
| City | City |
| State | State |
| Lake | Lake or body of water on which Marina resides. This can be up to 5km inland. |
| LAT\_DD | Latitude (WGS 1984) |
| LONG\_DD | Longitude (WGS 1984) |
| Notes |  |
| REF1 | Reference for record |
| SLIPS | Number of marina slips |
| MARINAS | Total number of marinas at location |