



Marine Energy Data

The Marine and Hydrokinetic Data Repository (MHKDR) is a knowledge hub containing datasets related to U.S. marine energy projects.

The MHKDR allows users to search data from marine energy research and development projects funded by the Department of Energy's Water Power Technologies Office. It includes results from tank and open water device testing, resource characterization data and model outputs, results of techno-economic analyses, levelized cost of energy estimates, and much more.



410+
TOTAL DATASETS



95+ TB
OF DATA



80+
DATA PROVIDERS



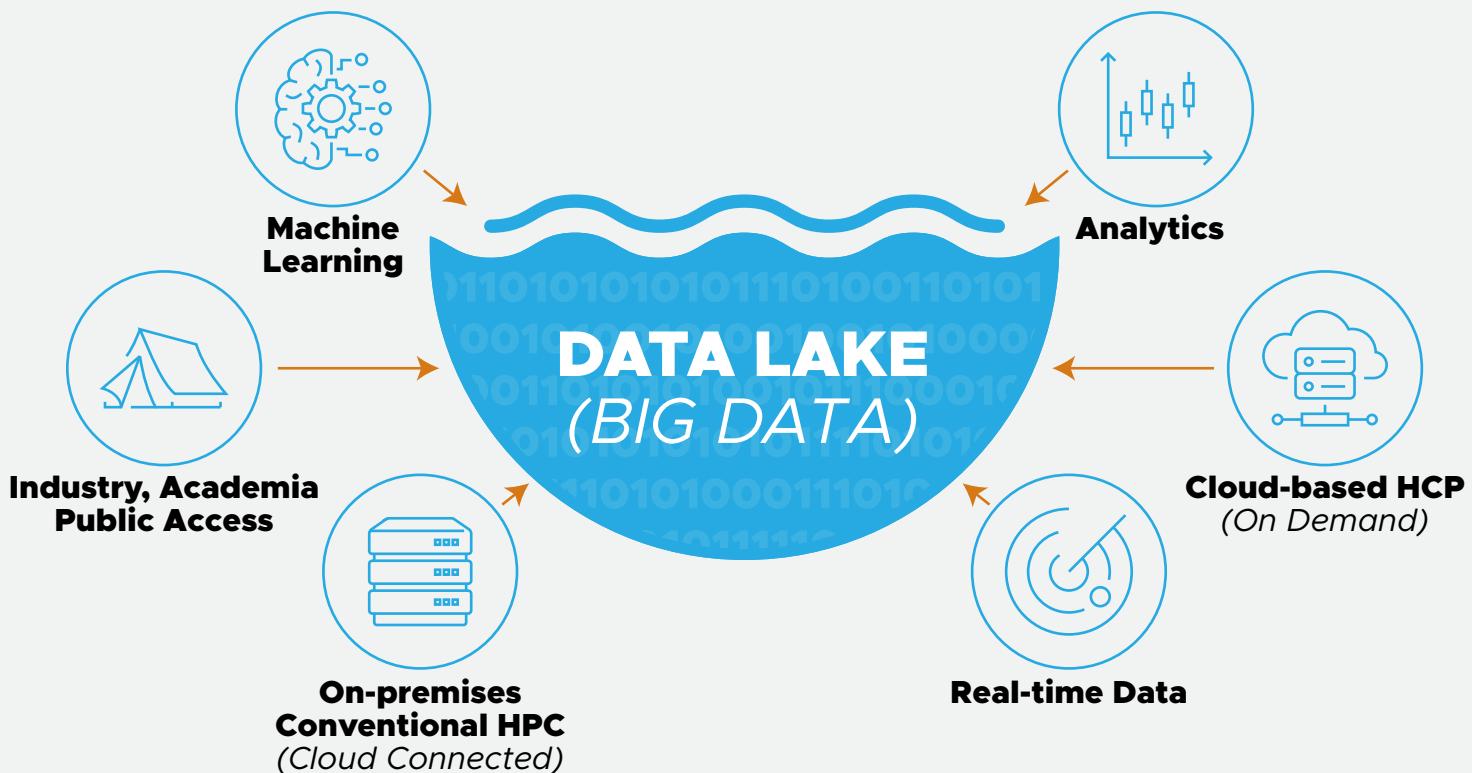
1,200,000+
TOTAL DOWNLOADS



Impact

The MHKDR supports research, collaboration, and transparency by providing universal access to marine energy data to achieve the following aims:

- make data discoverable and actionable for researchers, industry, and others,
- build upon prior successes, leveraging knowledge and experience gained,
- reduce costs and risks associated with marine energy development,
- avoid duplication of effort, and
- accelerate the rate of innovation in marine energy technologies.



PRIMRE

MHKDR is one of seven knowledge hubs in the **Portal and Repository for Information on Marine Renewable Energy (PRIMRE)**, which hosts additional marine energy data, information, and resources. Subscribe to the **PRIMRE Blast** newsletter to stay up-to-date with the marine energy community!

For More Information

Visit: <https://mhkdir.openei.org/>
Contact: primrehelp@groups.nrel.gov