Ocean Uses and Marine Renewable Energy

Ben Best

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## Ocean Use Datasets

Existence of ocean use datasets across regions.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source | Dataset | Alaska | Atlantic Islands | East | Great Lakes | Gulf of Mexico | Hawaii | Pacific Islands | West |
| GEBCO | Depth (m) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Marine Cadastre | Active Oil & Gas Leases | ✔ |  |  |  | ✔ |  |  | ✔ |
| Marine Cadastre | Aquaculture | ✔ |  | ✔ |  | ✔ | ✔ |  | ✔ |
| Marine Cadastre | Essential Fish Habitat | ✔ | ✔ | ✔ |  | ✔ |  |  | ✔ |
| Marine Cadastre | Marine Protected Areas | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Marine Cadastre | Shipping Lanes | ✔ |  | ✔ |  | ✔ |  |  | ✔ |
| NOAA Ocean Uses | Ocean Use Atlas for California |  |  |  |  |  |  |  | ✔ |
| NOAA Ocean Uses | Ocean Use Atlas for Hawaii |  |  |  |  |  | ✔ |  |  |
| NOAA Ocean Uses | Ocean Use Atlas for Oregon & Washington |  |  |  |  |  |  |  | ✔ |
| NREL | Tide (W/m2) | ✔ | ✔ | ✔ |  | ✔ |  |  | ✔ |
| NREL | Wave (kW/m) | ✔ | ✔ | ✔ |  | ✔ | ✔ |  | ✔ |
| NREL | Wind (m/s @ 90m) |  |  | ✔ | ✔ | ✔ | ✔ |  | ✔ |