**Webtool Updates - 6.19.24**

See edits and additions in track changes as well as specific directions.

FYI we are planning to:

* Change animal group to “receptor” to be able to include Fishing Industry
* Adding another attribute to separate developer fishery monitoring plans (i think we talked about this together with the resource monitoring)

**Welcome Page**

* **Purpose of this Database**
  + FishFORWRD is a catalog of all East Coast research, monitoring efforts, and stated research needs for offshore wind, fish, and fisheries. This database differentiates ongoing projects funded to examine offshore wind interactions from other programs that provide valuable data, but which haven't necessarily been designed to assess offshore wind impacts.The objective of FishFORWRD is to increase awareness of ongoing work, avoid duplication of efforts, and create a common understanding of research needs. This tool is meant for research funders, fisheries and offshore wind researchers, offshore wind developers, and the public.
* **How to use this Dashboard**
  + This dashboard is comprised of a number of tabs, each with their own purpose and functionality with features to help you explore page content or visuals. All tables and plots are interactive and can be manipulated via the mouse. Use this dashboard to explore completed and ongoing research and monitoring efforts, explore research needs expressed by our community, understand which research needs have been funded and are under exploration, and which research gaps still remain. Filter projects and research needs by location, research category, methodology used, funder and more.
* Explanation of Tabs
  + Current Projects: View completed and ongoing projects with high level attributes. This includes funded research and implemented offshore wind developer Fisheries Monitoring Plans.
  + Research Needs Gap Analysis: Identify research gaps and explore unaddressed needs.
  + Explored Research Needs: Analyze which research needs have been funded through which existing projects.
  + Database Center: Interact with raw data through each filter and download database directly.
  + Submit Project: Submit information to update and improve FishFORWRD.
* Visualization on Right
  + Keep: total project count, total identified needs, % complete or near complete (but please change to “% Under Exploration”), and % not addressed, Total Unique Research Categories
  + Thinking about removing Total Unique Research Locations to another metric since we know that the database is east coast focused
    - Perhaps # funders, # methodologies?
* Contact at bottom of page
  + info@rosascience.org

**Current Projects**

* Current Projects Snapshot
  + Could there be a little blurb at the top that says “Find full project information in Database Center”
* # Projects by Location (so that folks can figure out to hover to see #’s)
* Project Timelines
  + When hover to display: project ID, research category, wind farm development phase (could this be different colors and be on the key?), animal group
  + Add a small explanation that only projects with known complete timelines are included

**Research Gap Analysis**

* Needs Table
  + To display: Research ID Number, Research Category, Summary of Research Need, Source of Identification, Location, Receptor
  + Could there be a little blurb at the top that says “Find full research need information in Database Center”
* Needs by Location
  + Lets see how this looks with new data

**Explored Research Needs**

* Identified Needs Snapshot
  + To display: Research Need ID, Existing project ID, Location, Research Category, Animal Group, funder, research needs
* Receptor Completion Rate
  + I definitely want to show this information in some way, so lets plan to think through this together. I think what we need is for there to be a receptor attribute for each need too to be able to best display this? Either way i think the receptor needs to be the lead (rather than research need)
* Unaddressed Research Needs
  + Please remove since we have the gaps analysis page
* Research Needs Gap Table
  + Please remove since we do not have these levels of addressed anymore
* Ideas for other visuals
  + Is there a way to show what methodologies are being used to which research need categories. Ex. how many telemetry and bottom trawl projects are addressing the research need category of species distribution?

**Submit Project**

* Some additional language in track changes to explain the links

**Submit Information to the FishFORWRD Database**

Use the following links to send project information, research needs, or corrections. We will QA/QC your submission and add it to the public version of the database. FishFORWRD is generally updated biannually.

[Placeholder Link for Project Submission](http://google.com)

[Placeholder Link for Research Needs Submission](http://google.com)

[Placeholder Link for Corrections](http://google.com)

**Additional Resources**

See the links provided below for additional resources.

[RWSC Offshore Wind and Wildlife Research Database](https://database.rwsc.org/)

This database holds research projects and data collection activities on wildlife. Specifically marine mammals, birds & bats, sea turtles, habitat & ecosystem, protected fish species.

[Tethys Knowledge Base for Fish](https://tethys.pnnl.gov/knowledge-base-wind-energy?f%5B0%5D=receptor%3A280)

This knowledge base provides access to documents and information from around the world about the environmental effects of wind energy. This link filters these results to “Fish.”

[NYSERDA Mitigation Practices Database Tool  
This tool is a searchable database of potential mitigation practices that may be relevant to avoiding, minimizing, offsetting and restoring potential effects of offshore wind energy development on wildlife, the environment, and fisheries.](https://www.nyetwg.com/mpd-tool)