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| **Document Title:** | Presentation - Workshop on Assembly Bill 525 |
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# Workshop on Assembly Bill 525

Justine Kimball, Ph.D.

10/6/22

# Overview

- To inform California's offshore wind energy planning, OPC is funding two spatial modeling studies:

- Model Enhancements and Support for California Offshore Wind Energy Planning and Prioritization
  By Conservation Biology Institute

- Using Available Data to Identify Offshore Wind Energy Areas
  By Point Blue Conservation Science

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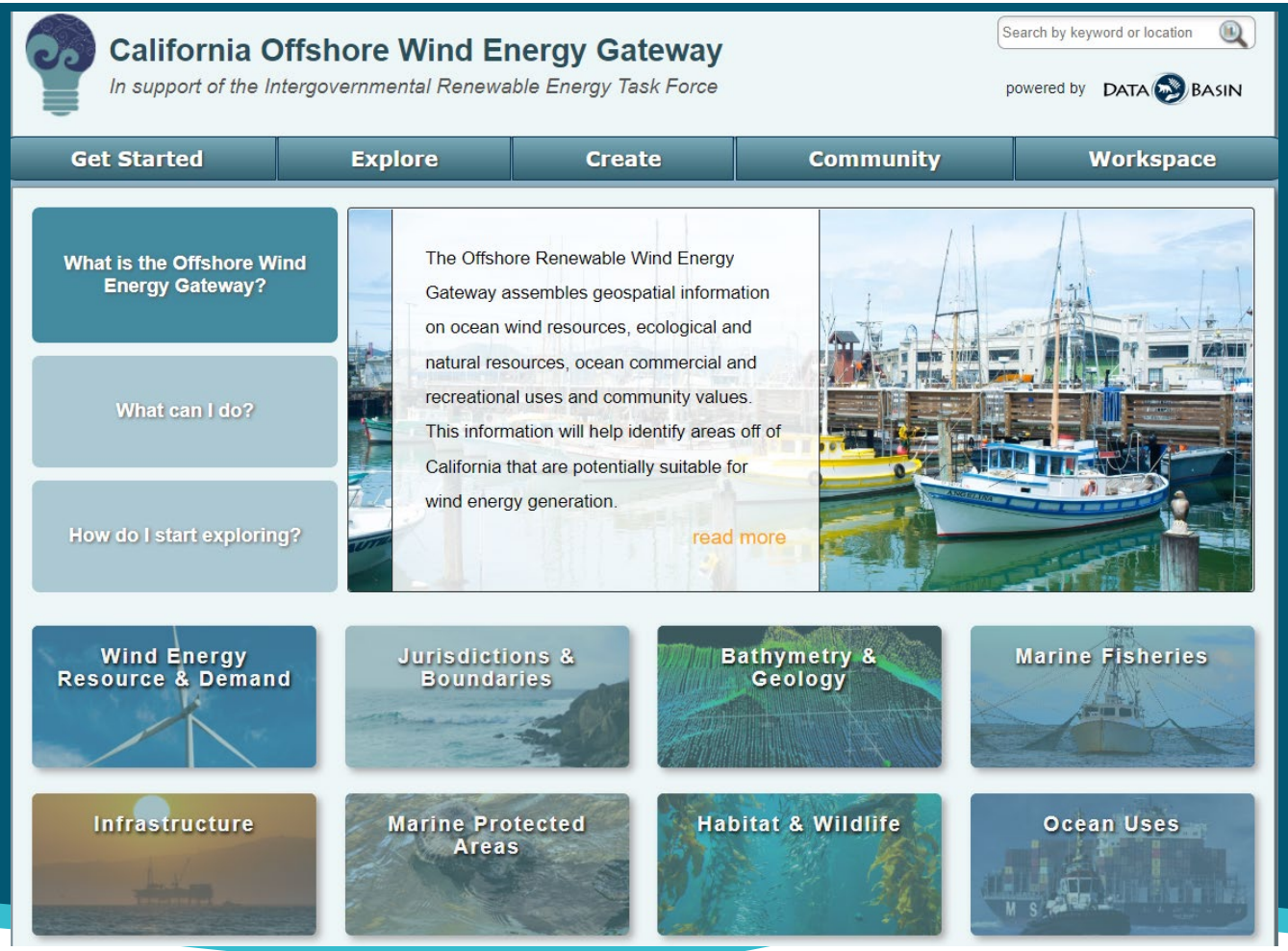
# CBI Project: Goals

- Synthesize over 200 key datasets related to OSW planning, including energy potential, deployment feasibility, ocean uses, and marine life data.
- Develop spatial modeling (Environmental Evaluation Modeling System, EEMS) that integrates key datasets and displays distributions. Available at: www.osw.eemsonline.org
- Make data and analyze results of spatial modeling accessible online so decision makers and stakeholders can explore.

# CBI Project: Updated Data and Accessibility

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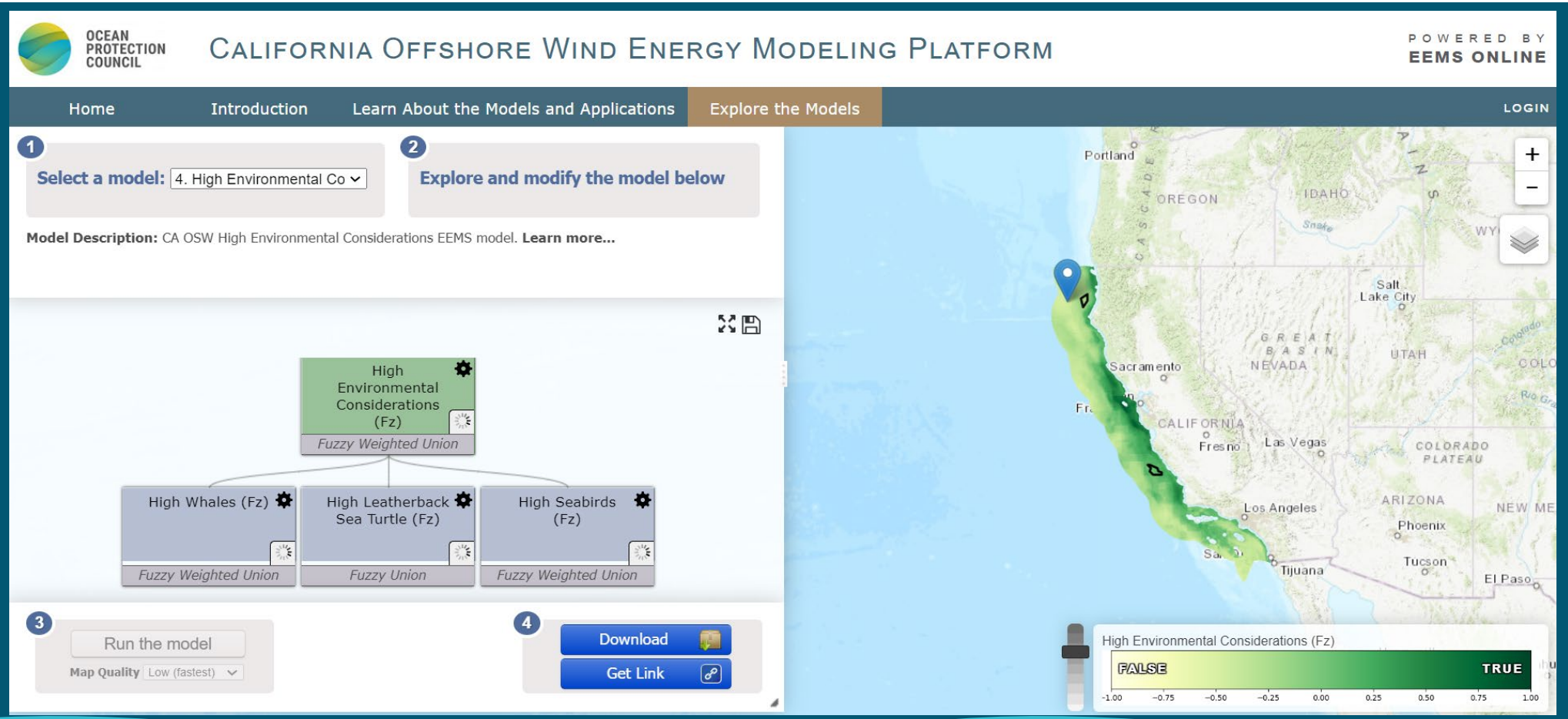
# CBI Project: Updated Results

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# CBI Project: Next Steps

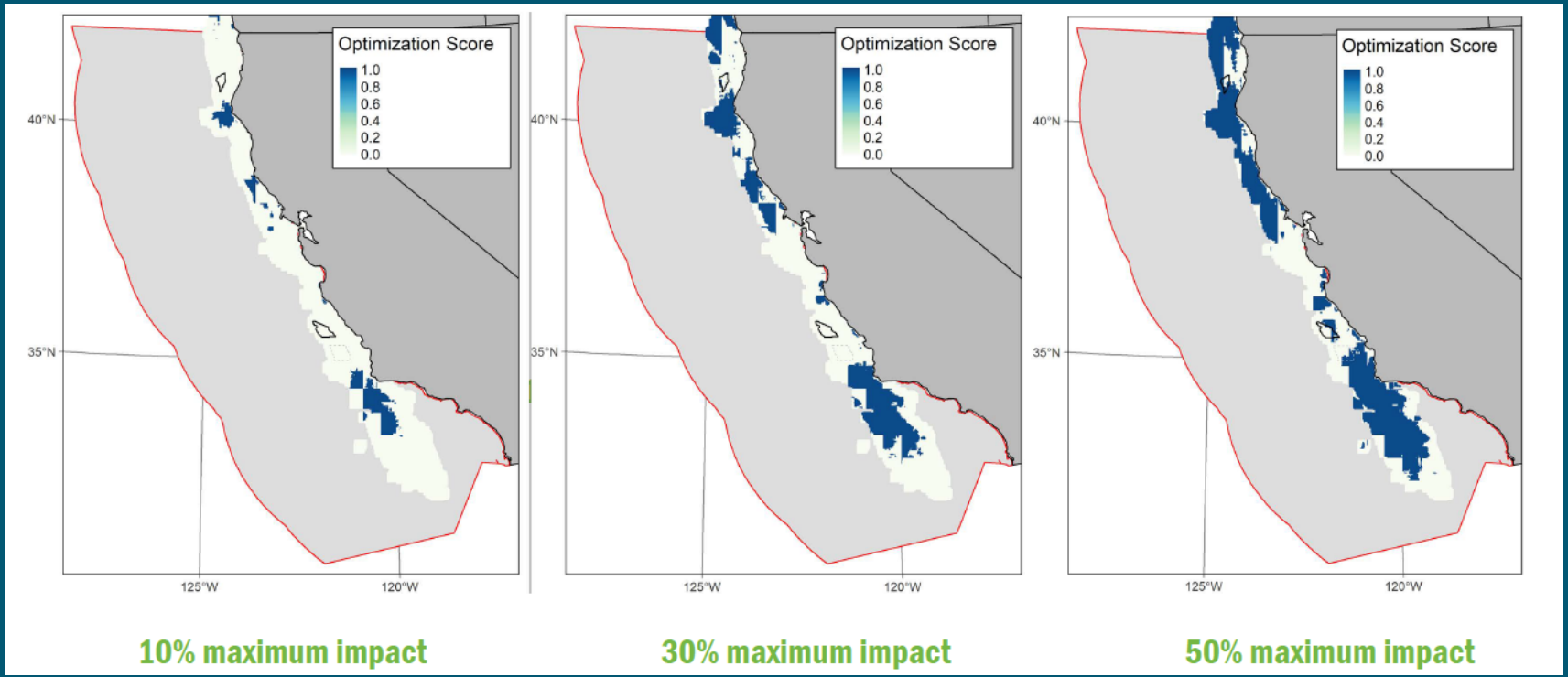
- Enhance environmental considerations and ocean use components in the EEMS models based on the highest state and stakeholder priorities
  - Ongoing until October 2022
- Support, train, and outreach to key stakeholders and state agency staff
  - Ongoing until October 2022
- Update data/model documentation and the online tools
  - expect to finish in Oct 2022

# Point Blue Project: Goals

- Collect and process key datasets that represent OSW potential, marine life, marine environment, and ocean uses. Identify key data gaps.
- Develop siting models that integrate key datasets to assess the benefits and impacts of areas. Includes sensitivity of wildlife to impacts.
- Identify areas that balance benefits and impacts under different scenarios to guide siting.

# Point Blue Project: Methodology and Preliminary Results

Areas that optimize energy output and minimize wildlife and human use impact at different ranges.

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# Point Blue Project: Next Steps

- Continue to update and enhance datasets
  - expect to finish in Feb 2023
- Improve sensitivity scores using scientist surveys and expert workshops
  - expect to finish in Feb 2023
- Publish peer-reviewed articles
  - Expect to finish in Nov 2023