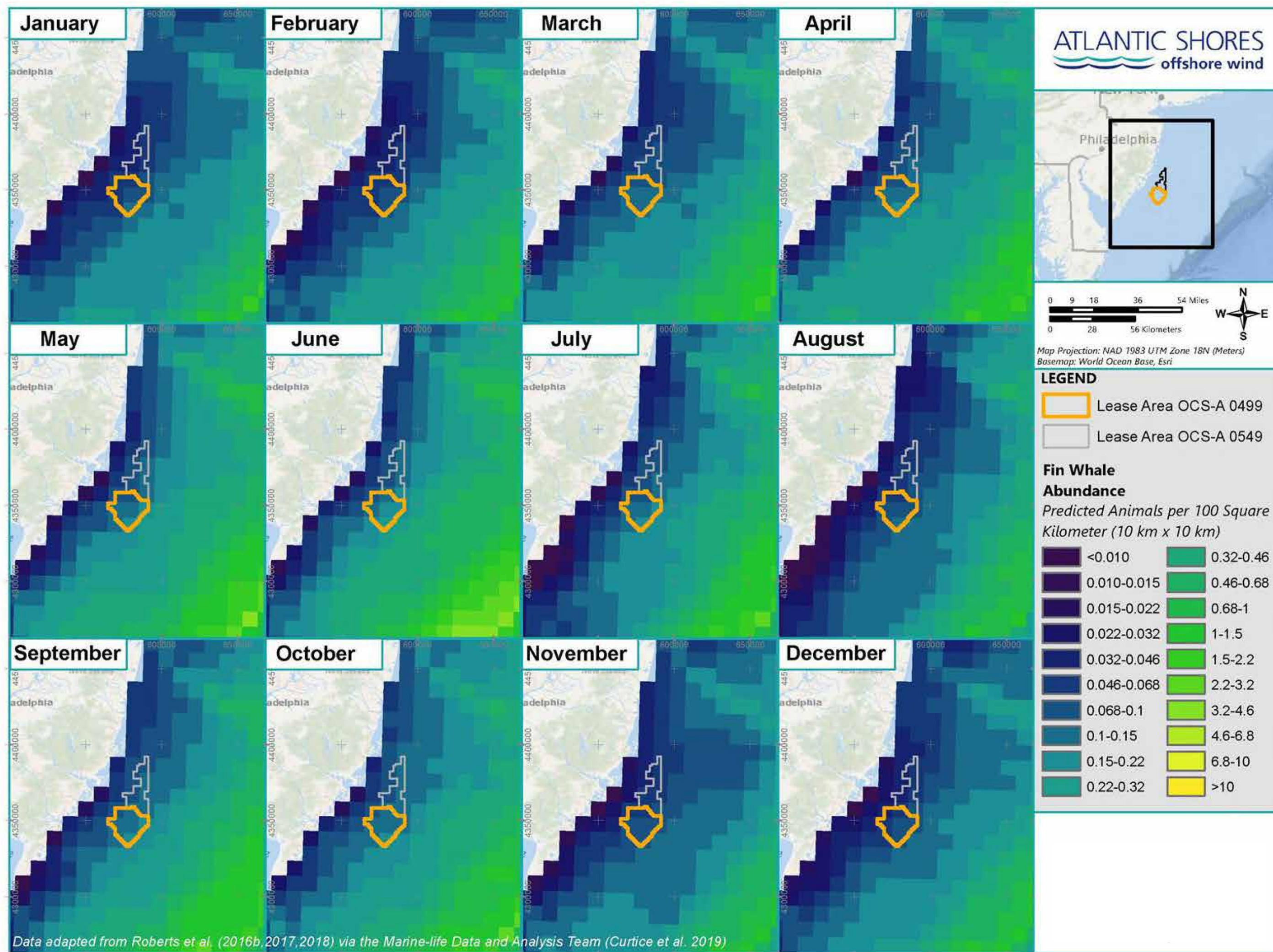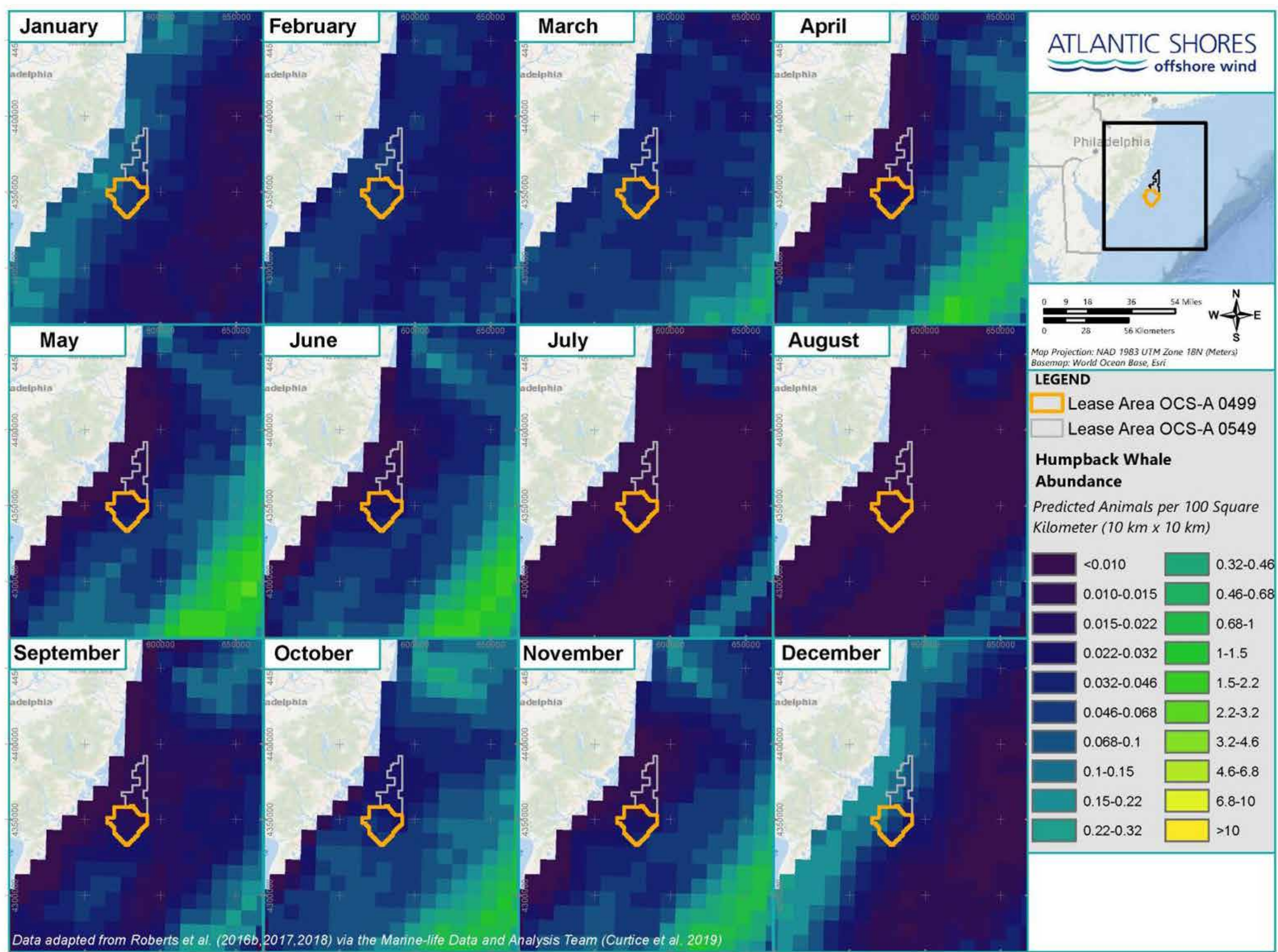**Atlantic Shores Offshore Wind South Project**

Large Whale and Sea Turtle Densities

Large Whale Modeled Density Maps

Fin Whale: Monthly Modeled Distribution Near the Offshore Project Area

Humpback Whale: Monthly Modeled Distribution Near the Offshore Project Area
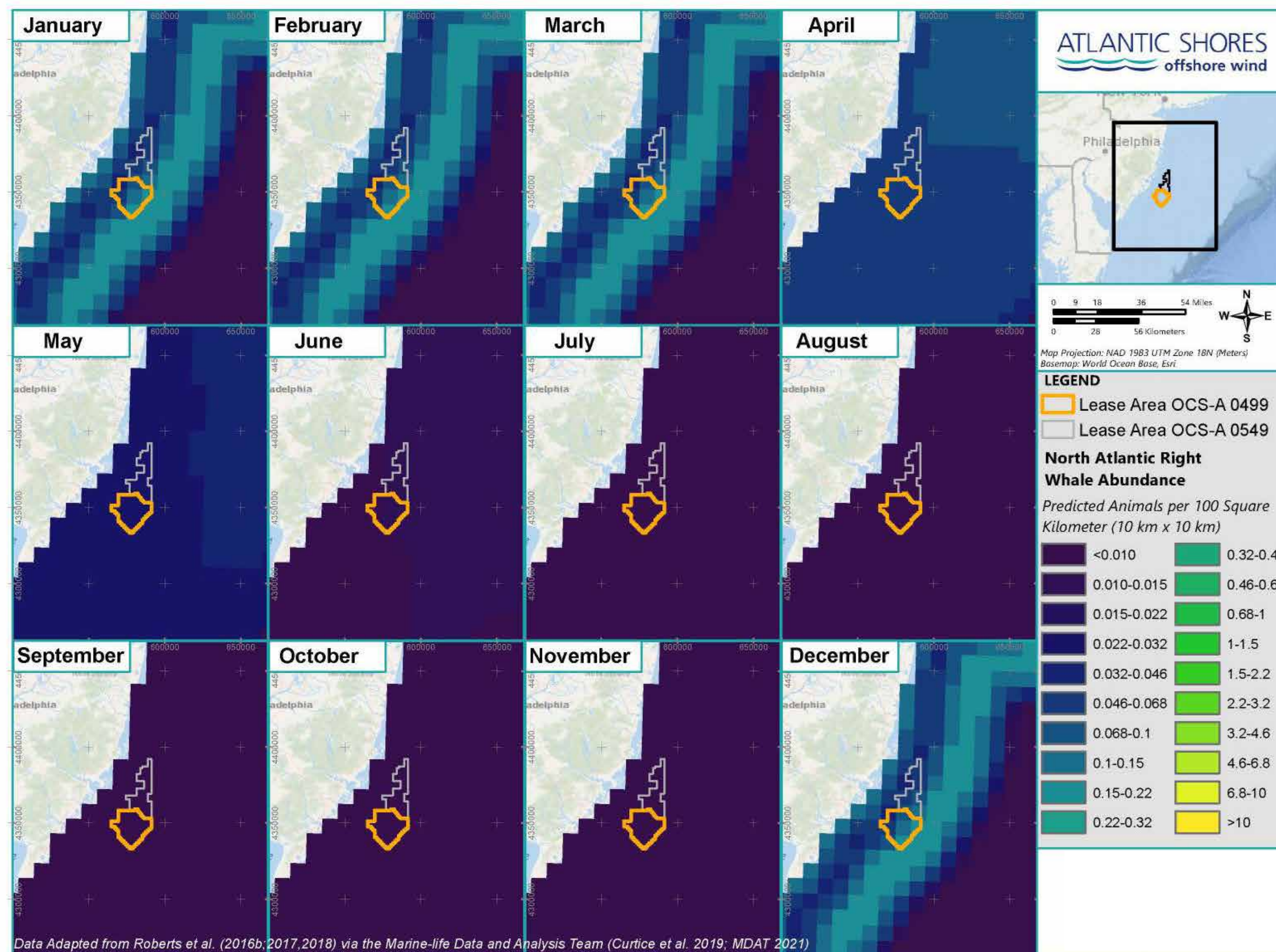
For more information, please visit:
https://www.boem.gov/renewable-energy/state-activities/
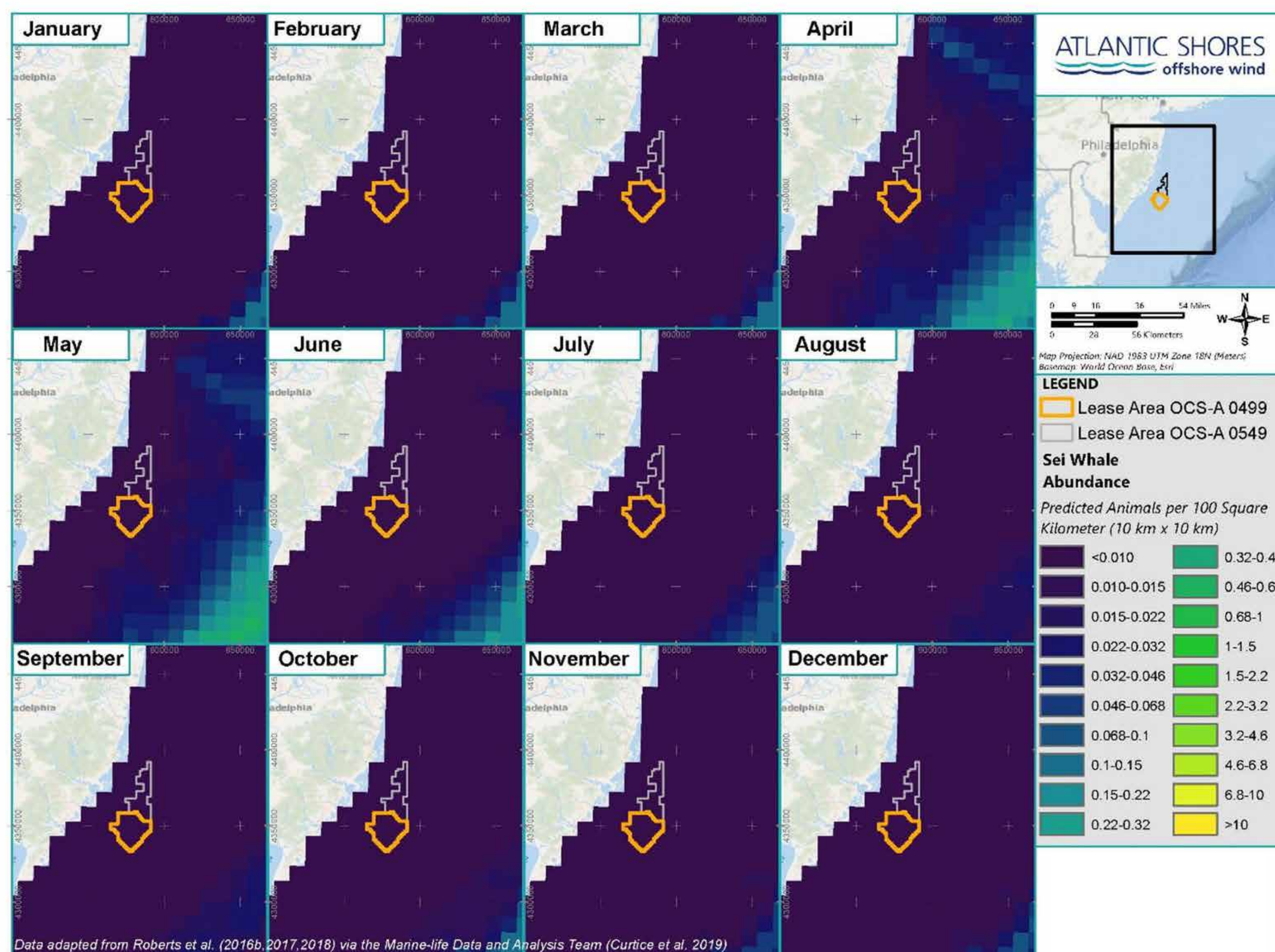atlantic-shores-south

Atlantic Shores Offshore Wind South Project

Large Whale and Sea Turtle Densities

Large Whale Modeled Density Maps

North Atlantic Right Whale: Monthly Modeled Distribution Near the Offshore Project Area

Sei Whale: Monthly Modeled Distribution Near the Offshore Project Area

Sources:
Roberts, J.J., L. Mannocci, and P.N. Halpin. 2016b. Final Project Report: Marine Species Density Data Gap Assessments and Update for the AFTT Study Area, 2015-2016 (Base Year). Version 1.0. Report by the Duke University Marine Geospatial Ecology Lab for Naval Facilities Engineering Command, Atlantic Durham, NC, USA.
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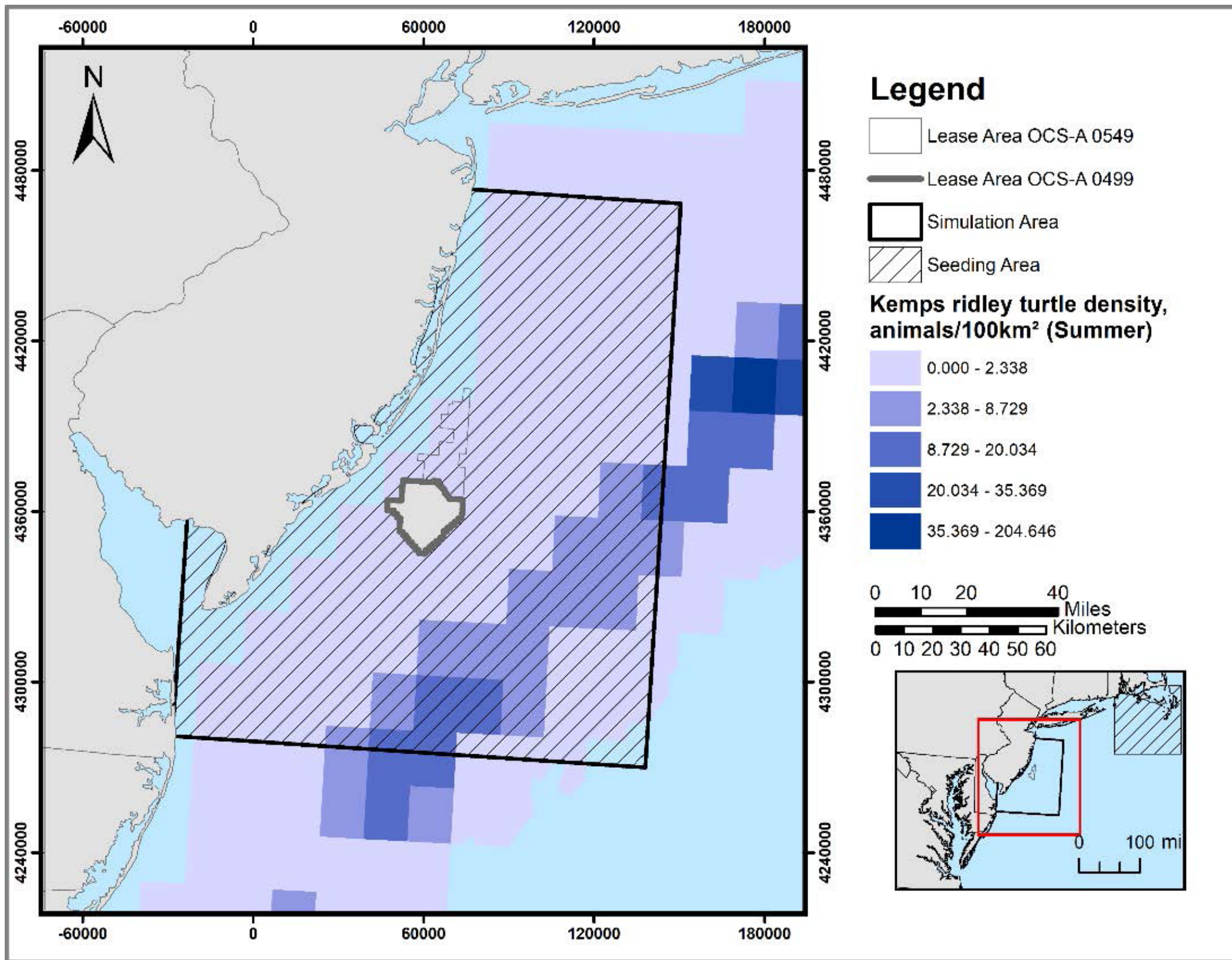http://seamap.env.duke.edu/models/MDAT/MDAT-Technical-Report.pdf.
MDAT. 2021. https://seamap.env.duke.edu/models/mdat/

For more information, please visit:
https://www.boem.gov/renewable-energy/state-activities/
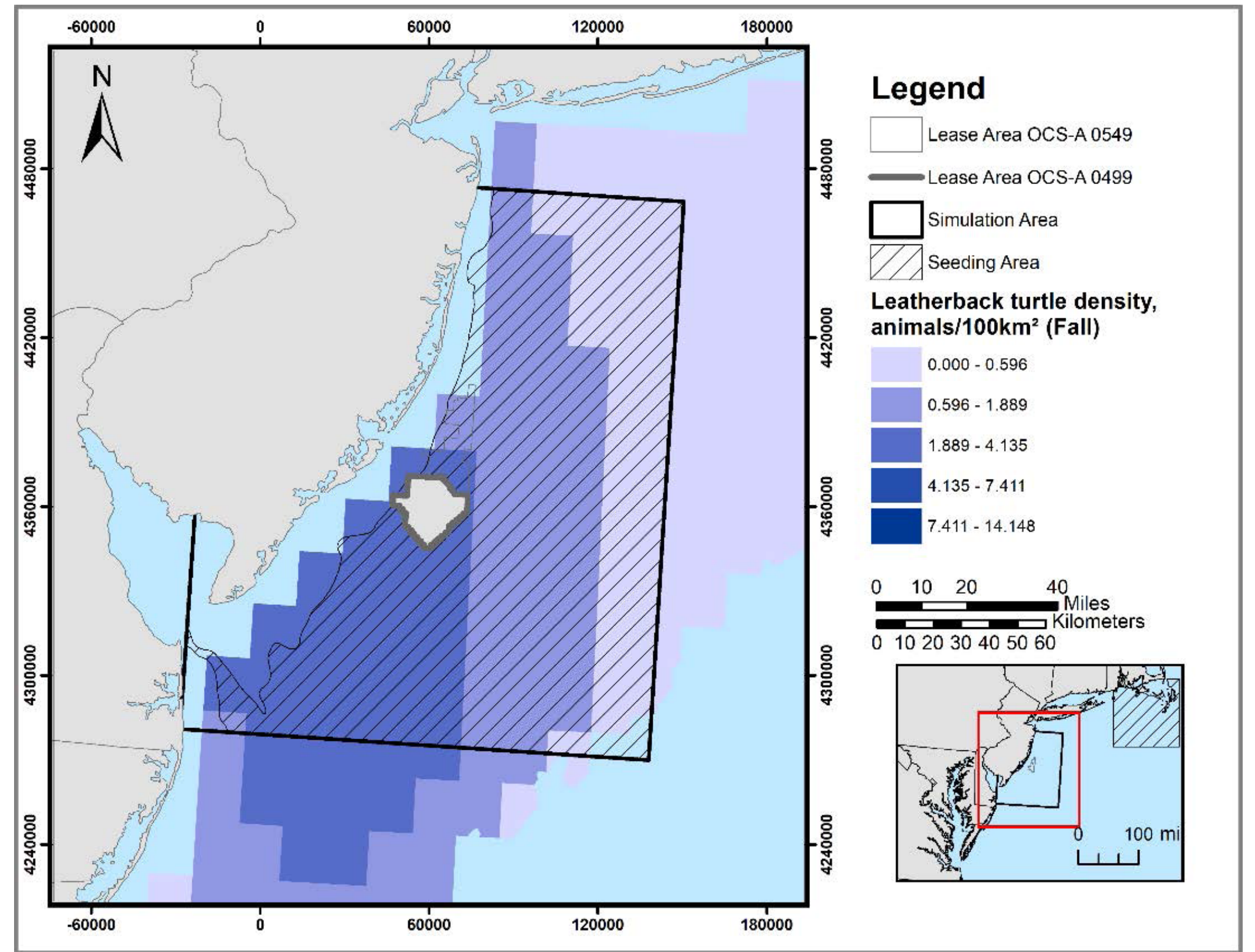atlantic-shores-south

Atlantic Shores Offshore Wind South Project

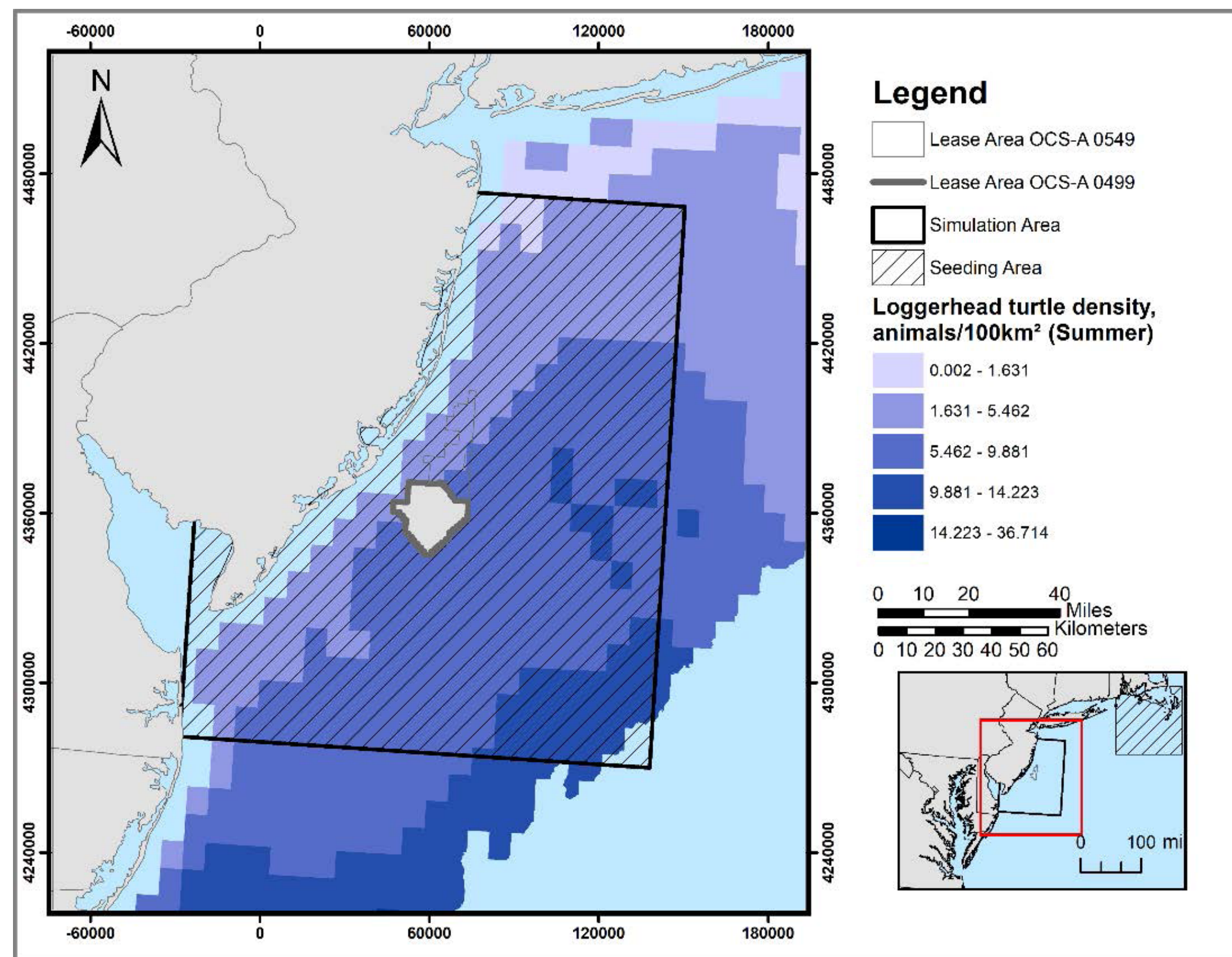# Large Whale and Sea Turtle Densities
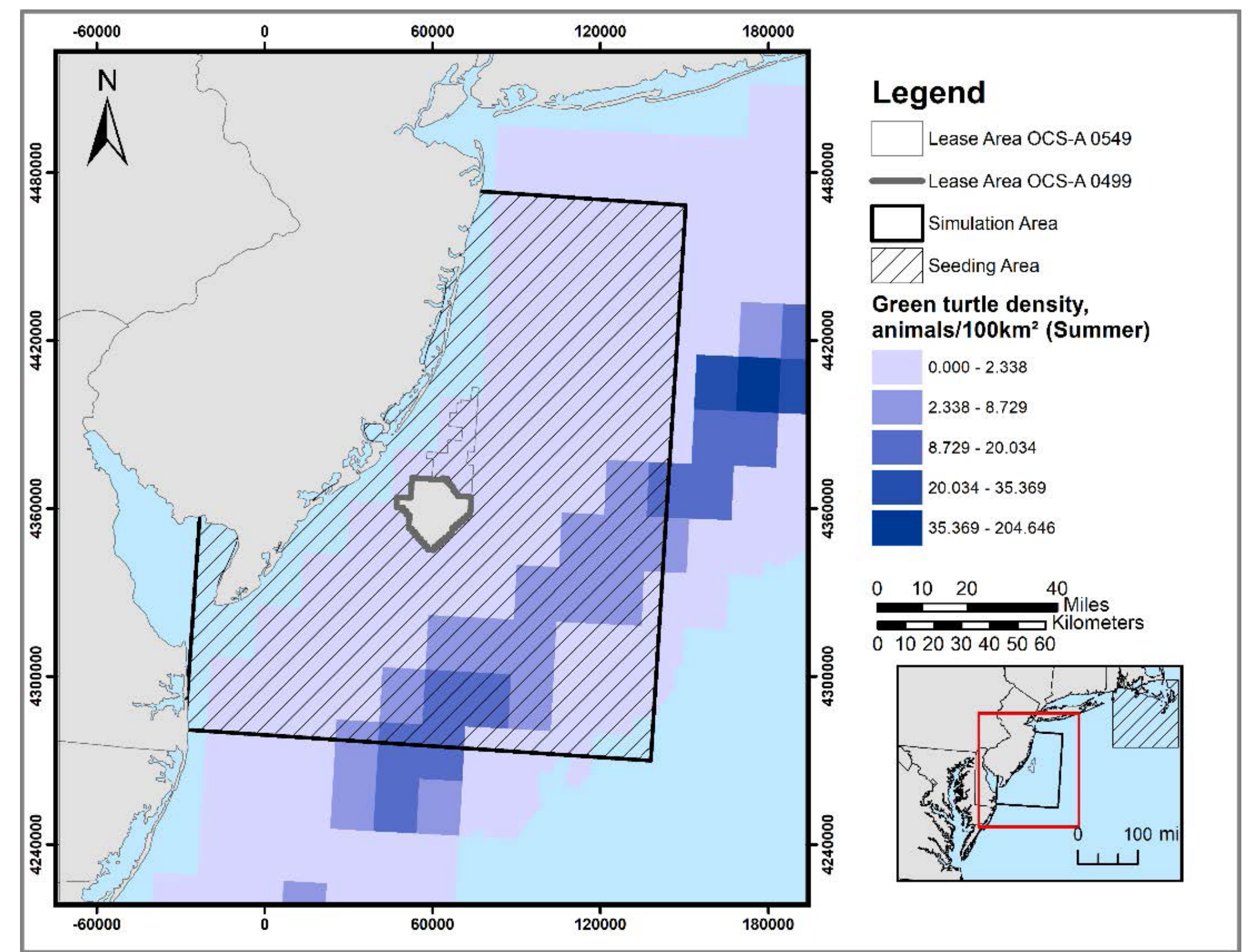
Turtle Modeled Seeding Area and Density Maps

Kemps ridley turtle seeding range

Leatherback turtle seeding range

Loggerhead turtle seeding range

Green turtle seeding range

The seeding area accounts for a species' habitat preferences. As the leatherback sea turtle prefers deeper waters, its seeding range is restricted to the deeper portion of the simulation area. The other three sea turtle species are found in shallow waters; therefore, their seeding areas extend over the entire simulation area.

Sources:

Department of the Navy (US). 2017. U.S. Navy marine species density database phase III for the Atlantic Fleet training and testing study area. NAVFAC Atlantic Final Technical Report. Naval Facilities Engineering Command Atlantic, Norfolk, VA.

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https://remote.normandeau.com/docs/NYSERDA_Winter_2018_19_Taxonomic_Analysis_Summary_Report.pdf.

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