New Hampshire Coastal Watersheds
Connectivity Model

NH Coastal Watersheds

Conservation and Public Lands

Municipal Boundaries

State Boundaries

Roads
- Major (interstate / turnpike)
- Minor (state / US)
- Local Roads
- Unimproved (Class VI)

Surface Water

Wetlands (NWI)

Streams

Conservation Land and Forest Block Connectivity Model
- 13 (high connectivity)
- 0 (low connectivity)

As part of the Land Conservation Plan For New Hampshire's Coastal Watersheds, we modeled the connectivity of forest blocks and conservation lands. The model assigns importance (*i.e.* numerical value) to lands near existing conservation lands which serve to connect unfragmented forest blocks. Our assumption is that by building on the existing conservation network we can maintain functioning ecosystems and connect them through future land protection.

Data Sources:

Base datasets provided by NH GRANIT. GRANIT, a partnership between the Office of Energy and Planning (OEP) and the University of New Hampshire Complex Systems Research Center (CSRC), compiles, maintains, and distributes geographic data for the state of NH.

Additional datasets:

Conservation Land and Forest Block Proximity Model
Produced for the Land Conservation Plan For New Hampshire's Coastal Watersheds by the Society for the Protection of New Hampshire's Forests

NH Coastal Watersheds
Based on watersheds generated by NH Coastal Program and USGS SPARROW water quality model.

NH Conservation and Public Lands
Produced by NH GRANIT, January 2006 with updates provided by Rockingham Planning Commission, Strafford Regional Planning Commission, the Society for the Protection of NH Forests, and The Nature Conservancy.

0 2.5 5 10 15 Miles

N

Atlantic Ocean

M A I N E

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