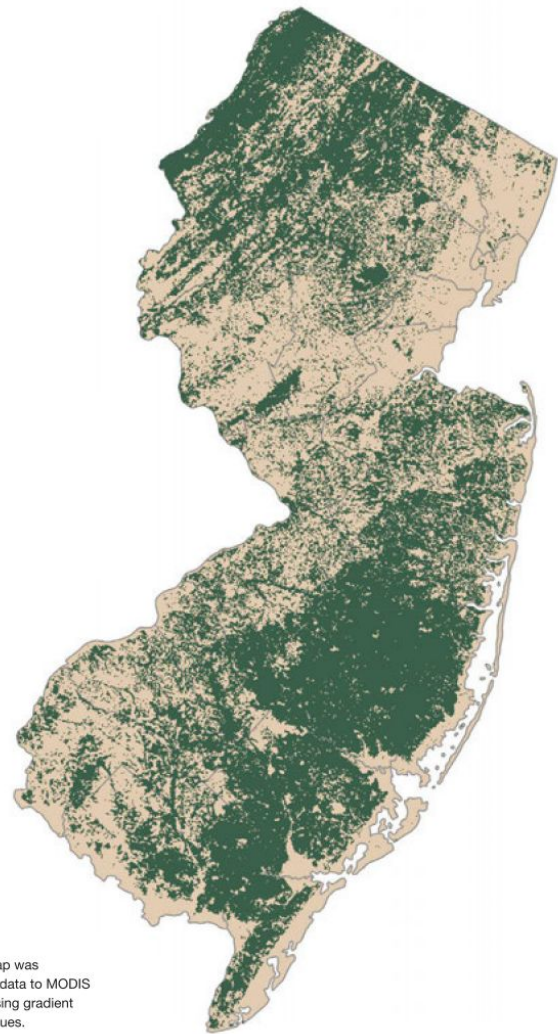


New Jersey's Forests

- 2 million acres (40%) of NJ is forest;
- Forest area has remained relatively consistent since 1971;
- Nearly half of NJ forest land is privately owned;
- NJ forests are largely middle-aged, lacking a diversity of age classes;
- NJ forest land is projected to decrease in area over the next 50 years.

Distribution of Forest Land

■ Forest
■ Nonforest



Processing note: This map was produced by linking plot data to MODIS satellite pixels (250 m) using gradient nearest neighbor techniques.

Forest Health Issues in NJ

- Fragmentation & Development
- Invasive species
- White-tailed Deer
- Insects & Disease
- Decline of Forest Wildlife
- Disturbance / Fire Suppression
- Age Class Structure
- Climate Change

Agrilus planipennis Fairmaire "emerald ash borer" (EAB)

- Typical specimens are a **bright, metallic, emerald green color overall**, with the **elytra usually appearing somewhat duller and slightly darker green**. The overall greenish coloration may also have variable amounts of **brassy, coppery or reddish reflections**, especially on the pronotum and ventral surfaces.
- A few rare specimens of EAB are entirely coppery-red, entirely bluish-green, or green with bluish elytra.
- Length: <10.0–13.0 mm
- EAB in general is somewhat larger in size and more brightly metallic green than most other U.S. *Agrilus* species.



Findings of the U.S. Forest Service's Northern Forest Futures Project



- Northern forests lack age-class diversity and will uniformly grow old without management interventions or natural disturbances.
- The area of forest land in the North will decrease as a consequence of expanding urban areas.
- Invasive species will alter forest density, diversity, and function.
- Management intensity for timber is low in Northern forests and likely to remain so.
- Management for nontimber objectives will gain relevance but will be challenging to implement.

<https://www.nrs.fs.fed.us/futures/>



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