

The Invasive Species Database Program at NYNHP manages New York’s Invasive Species Database through iMapInvasives (“iMap”), the Watercraft Inspection Stewardship Program Application (WISPA), as well as derivative data products for the benefit of NYS agency staff, conservation organizations, and the public.

2025 in the Numbers

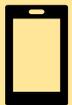
iMapInvasives Data	Entered in 2025	Total (since 2010)
Confirmed Presence Records	23,251	377,372
Not-Detected Records	31,889	119,812
Treatment Records	3,123	21,973
Unique Users Submitting Presence Records	1,433	7,518
Acres of Searched Area Records	118,717	1,954,582
WISPA Data	Entered in 2025	Total (since 2018)
Total Data Records - Launching and Receiving	222,602	1,886,901
Any Organisms or Debris Detected Before Launching	21,249	61,937
Intercepts: Invasives Species Detected Before Launching	1,786	16,016



2025 Program Highlights



Convened the first **Marine Species Tiers** working group, resulting in a list 56 priority marine invasive species, many of which are now reportable in iMap: nynhp.org/invasives/species-tiers-table/



Maintained a suite of **5 mobile tools** for collecting iMap data, ranging from single-point presence and not-detected records to multi-species polygons and treatments: nyimapinvasives.org/report-an-invasive.



Worked with partners to conduct **47 iMap trainings and presentations**, reaching **1,300+ people**. View some recordings at youtube.com/user/iMapInvasives.



Leveraged machine learning for confirming batches of unconfirmed iMap records via image recognition technology (SUNY-ESF Graduate Student project).



Conducted annual analyses of the data and published results to online viewers. Highlights include the *Species Tiers*, *Management Outcomes Viewer*, *Waterbody Lookup Tool*, and *WISPA analyses*: nyimapinvasives.org/data-and-maps.

The Invasive Species Database Program is funded by the NY Environmental Protection Fund administered through the NYS Department of Environmental Conservation.

Software to collect, share, and visualize data

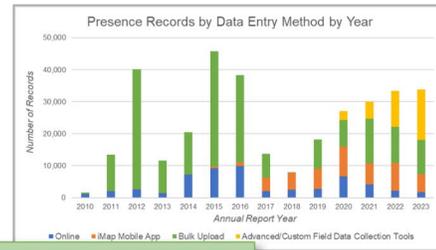
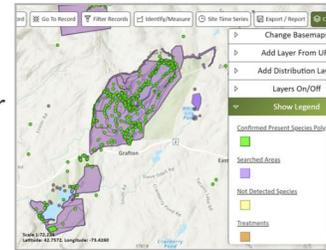


Provide mobile and online tools for stakeholders that leverage current mapping technology to collect, share and visualize data. Collaborate with national iMapInvasives software developers.



Manage invasive species data for New York

Continue to curate, build and serve high-quality datasets for stakeholders to use for strategic decision-making and prioritization.

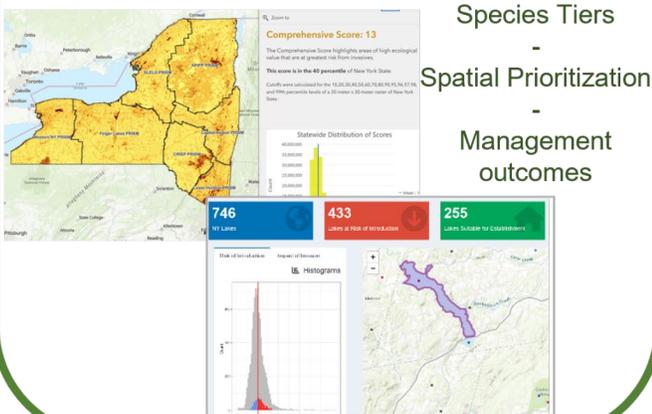


New York Natural Heritage Program

NYNHP Invasive Species Database Program

Analysis for Prioritization

Create and maintain analytical tools and products derived from the invasive species data that help advance the work of stakeholders and lead to strategic decision-making.



Build community around the database

Increase the early detection capacity of NYS by building a community around the database through trainings, outreach and networking, and contributing to a statewide summit.

