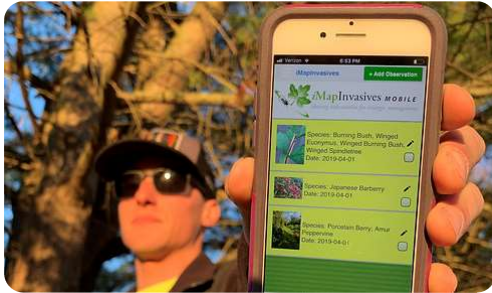# Professors & Students looking for a real-world project

iMapInvasives is a collaborative, GIS-based online database that serves as New York state's official invasive species database. Invasive species are non-native plants and animals that negatively impact the environment, economy, or human health.

Use iMapInvasives in projects for students to learn and apply valuable skills in data collection, environmental stewardship, and mapping. Try in one or more of these three areas:

iMap user using the iMapInvasives Mobile app – *photo from Falon Neske.*

SUNY Cobleskill students conducting invasive species fieldwork - *photo from instructor, Eric Struening.*

Esri StoryMap created by RIT Capstone Students for the Finger Lakes PRISM.

1 Education

Learn how to use iMap and train others in your community to contribute to statewide invasive species monitoring efforts

- Join the Certified Trainer's Network to train your class or community on how to report to iMapInvasives

- **Skills practiced:** Public presentation, science communication, community science

2 On the Ground

Conduct invasive species surveys in the field, record data in iMapInvasives, and track management efforts

- Lead and document field surveys on college property, or other local land

- Organize a community science event, such as a water chestnut pull

- **Skills practiced:** Field data collection, invasive species surveying

3 Showcase Your Work

Create live maps of your project to display and share online

- Create a Story Map to highlight your mapping efforts

- Visualize invasive species distributions using the iMap Web Map Services (WMS) to display live data

- **Skills practiced:** GIS, web mapping, science communication

Interested? ➡ Contact us at imapinvasives@dec.ny.gov

Include the subject "College Project Inquiry"

Connect on Facebook and Instagram: **@nyimapinvasives**

Learn more: **nyimapinvasives.org**

iMapInvasives
Sharing information for strategic management

New York Natural Heritage Program