

Green Infrastructure Guide for NY Coastal Communities Wins Award

In 2019, a project that partnered New York Sea Grant (NYSG) with the City of Rochester, Monroe County, and the National Atmospheric and Oceanic Administration (NOAA) to develop a locally-focused green infrastructure (GI) retrofit manual was recognized with a design award.

The City of Rochester & Monroe County Green Infrastructure Retrofit Manual was judged as an American Society of Landscape Architects (ASLA) Merit Award of Achievement winner in the Research & Communication category.

The award recognizes professional work of significant quality, innovation or professional impact. Entries were judged by a multi-disciplinary jury established by the Pennsylvania/Delaware Chapter of the ASLA. The entry was submitted by the NY Upstate Chapter of ASLA.

This project filled an information gap specifically focused on local guidance for GI retrofits by communities in New York State. To support development of the guide, NYSG gathered stakeholder input through discussions focused on designing a manual that would help planners, municipal staff, design engineers, and maintenance personnel successfully incorporate green infrastructure practices in retrofit and redevelopment projects within the City of Rochester and Monroe County.

The 189-page *GI Retrofits Manual for the City of Rochester & Monroe County* is accompanied by a 109-page appendices document with such items as the pollutant removal efficiencies of GI practices; construction inspection, operation and maintenance forms; cost calculator; infiltration and soil testing protocols; sample maintenance agreement; recommended plants for green infrastructure installations; and case studies.

Implementing the manual's GI planning and design recommendations, best practices, and maintenance and monitoring protocols leads to increased resiliency to nuisance flooding, improved water quality and community design, and other localized benefits.



CITY OF ROCHESTER & MONROE COUNTY
GREEN INFRASTRUCTURE
RETROFIT MANUAL

Project Funded By
The National Oceanic and
Atmospheric Administration and
New York Sea Grant



Green infrastructure manual "Construction" chapter work session in Rochester, NY. Photo: Mary Austerman, NYSG

Partners:

- City of Rochester
- Monroe County
- NOAA
- The Association of State Floodplain Managers
- Barton & Loguidice, D.P.A.

Funding was provided by NYSG through the Environmental Protection Fund under the New York Ocean and Great Lakes Ecosystem Conservation Act and the Environmental Protection Agency Great Lakes Restoration Initiative through NOAA.

The Sea Grant Focus Area for this project is New York Resilient Communities and Economies

New York Sea Grant is a joint program of Cornell University, the State University of New York, and NOAA.

New York Sea Grant Extension,
112 Rice Hall, Cornell University, Ithaca, NY 14853

*This project summary was written by
Great Lakes Coastal Community Specialist Mary Austerman
315-331-8415 mp357@cornell.edu, www.nyseagrant.org*

3/2019