## **Grow Washington-Aroostook**



University of Maine at Machias GIS Laboratory & Service Center



Job Creation ~ Modern Infrastructure ~ Healthy, Affordable Communities

**Grow Washington-Aroostook** is a regional planning process funded by the US Dept of Housing and Urban Development, focused on job creation, modern infrastructure, and healthy, affordable communities in the Maine counties of Aroostook and Washington. The University of Maine at Machias GIS Service Center, working in cooperation with the Washington County Council of Governments, provided mapping, cartography and geographic analysis services for the Washington County initiatives of the project. The work was performed by UMM students and student interns.



## **Climate Resilience & Storm Prediction**

Students: Amy Dowley, Jake Rottersman, Chris Federico, Thomas Cochran & Susan Hazlett

- Storm surge prediction maps & models
- Sea level rise maps
- Climate resilience assistance
- Mapping culverts
- Mapping vulnerable waterfront infrastructure

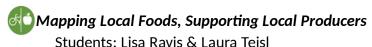




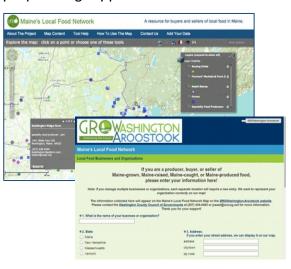
Maps for Planning and Land Records Management 💵

Students: Lynn O'Kane, Laura Teisl, Beverly Lamoureux, Meghan Cranford, Chris Federico, Adam Bedard & Travis Ouhl

- Online, interactive maps for municipal planning
- Public online parcel map viewer
- Development suitability modeling
- Municipal planning support



- Interactive online map of Maine farms, farmers markets, producers & more
- Poster map for local businesses highlighting Washington County's food producers
- Web form to add data to the food map

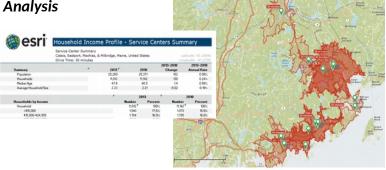




Student: Randall Berry

• Drive-time mapping & analysis

• Demographic mapping & analysis





## Graphic Design Support & Templates



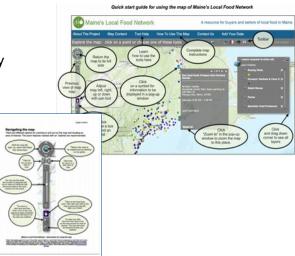
Students: Beverly Lamoureux & Heidi Powell

- Unified design guidance for the entire GrowWA Project
- Templates for maps, documents, posters and presentations
- Compilation of icons and graphics



Students: Catherine Kropp, Laura Teisl & Amy Dowley

- Instructions for using online maps designed for non-technical users
- Technical support for online map users



University of Maine at Machias Geographic Information Systems Laboratory & Service Center 223 Torrey Hall ~ (207) 255-1214 ~ giscenter@maine.edu













This project was supported by the United States Department of Housing and Urban Development under a Sustainable Communities Regional Planning grant. The opinions, findings, conclusions and recommendations herein do not necessarily represent the official position or policies of the United States Government.