Submitted: B Huberty - February 5, 2026

Geospatial Technology Adoption Problem

For many decades, there have been numerous demonstration projects such as the binational Great Lakes Alliance for Remote Sensing (glars.org) to show how one can map and monitor the entire Great Lakes Basin using remote sensing technologies at a very high spatial and temporal resolution. One needs to know when and where changes are occuring and why such as with invasive plants. It is useless to 'treat' one parcel and not treat the entire system to mitigate invasive plants for example. Water quality mapping at 30 meter resolution for example has been demonstrated for decades but is still an academic project. Adoption of new Geospatial technologies continues to be a challenge for both the U.S. and Canada to jointly implement a binational mapping and monitoring PROGRAM (not a project) for the entire Great Lakes Basin.