**Great Lakes Shoreline Ecosystem (GLSE) Inventory: V 3.0**

**LIO Data Package Content:**

* **GLSE Legend Table.pdf** - A pdf document containing decision keys to aid in assigning ecosites using ecological criteria and a hierarchically organized catalogue that describes all the ecological components of Great Lakes Shoreline ecological features.
* **Great Lakes Shoreline Ecosystem Inventory V 3.0.gdb** - A geodatabase containingthefeature dataset containing the following feature classes:

1. **Primary\_Ecosites**– Polygons with primary ecosite attributing mapped to a ½ hectare minimum mapping unit.
2. **Secondary\_Ecosites**–Points contained within primary ecosite polygons identifying secondary ecosites using ecosite attribution.
3. **GLSE\_Survey\_Locations** – A point layer that identifies the location of ground plots and is tabularly related to “SiteSoilClassification” and “Vegetation” tables. Ground surveyed ecosite name, soils and vegetation species data are accessible via this layer through SiteSoilClassification and Vegetation relationship classes.
4. **SiteSoilClassificationTable** – table containing data for soil (e.g., texture, moisture regime, sampling depth) used to determine ecosite. Site ecosite designation is also included. Each unique record is related a unique point location in the GLSE\_Survey\_Locations layer.
5. **VegetationTable** – table containing vegetative species observations, vegetative height layer assignments (where collected) and vegetation abundance codes (where collected). There are often several vegetation observations for each unique point location in the GLSE\_Survey\_Locations layer.
6. **\*.lyr**- Several ESRI layer files with pre-selected symbolization for primary ecosite mapping. Symbolization is provided for several levels of the standard Ecological Land Classification (ELC) hierarchy. From least to most detail in the hierarchy, level symbolization is provided for history, community class, community series and primary and secondary ecosite.

**Accessing Ground Survey Site, Soil and Vegetation**

Extensive ground surveying was conducted for the entire Great Lakes Shoreline. Survey locations were selected to expand project participant knowledge of ELC surveying and classification, ensure a broad range of ground-based observations to support calibration of the air photo / geo-spatial interpretation mapping process, and help resolve challenging interpretations identified by mapping staff during the map delineation and attribution process. This data can be accessed in ESRI visualization software (i.e., ArcMap or ArcPro) by adding the **GLSE\_Survey\_Locations** layerintothesoftware. **The actual field data can be reviewed using two methods:**

* 1. The first involves simply selecting the information tool in ArcMap or ArcPro () and using it to click on a point in the **GLSE\_Survey\_Locations layer.** Theresultantpop up window will display the field data.
  2. Alternatively you can open up the attribute table for the survey locations layer by right clicking on the layer in the table of contents and selecting “Attribute Table” in the resultant popup window. Next select the point you want field data for using the Select tool (). In ArcPro in the resultant table select the button with three grey bars icon () in the upper right corner of the attribute table and in the popup window select “Related Data” and the table you want to review data from (i.e. Vegetation or SiteSoilClassification). In ArcMap select the () tool and the table you want to review data from.