**OWEB Grant Application Mapping Protocols**

*OSU GIScience Program - single point placement guidance.*

**Monitoring**

Monitoring applications are digitized as a point representing the approximate center of a project site.

**Assessment**

Assessment applications are digitized as a point representing the approximate center of the project area.

**Restoration**

Restoration applications are digitized as a point representing the approximate center of a project site. Applications are considered to have multiple project sites when a project takes place on more than one stream reach, road, or more than one general location. Current protocols call for digitizing only one location for reporting purposes. Choose one site per project to place the point.

**Education**

Education applications are digitized as a point representing the approximate center of the area the project intends to affect.

**Technical Assistance**

Technical assistance applications are digitized as a point representing the approximate center of a project site or the approximate center of the area the project intends to affect.

**Land Acquisition**

Land Acquisition applications are digitized as a point representing the approximate center of a project site.

**Water Acquisition**

Water acquisitions applications are digitized using the Water Resource Department database information for the given water right (i.e. point of diversions).

**Research**

Research applications are digitized as a point representing the approximate center of the project area or site.

**Statewide**

“Statewide” is an OWEB designation. True statewide applications or projects that affect the whole state are digitized as the centroid of the Oregon state boundary. Applications that are designated statewide but may affect a smaller area such as Western Oregon or an ESU are digitized as polygons of the affected area, then a centroid coordinate is created from that polygon.

**Small Grants**

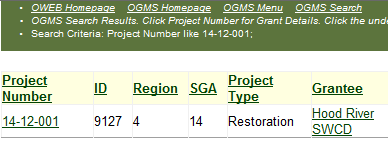
Small grants are restoration projects, see the Restoration project guidance.

**OWEB Grant Management System (OGMS) Login** – login to OGMS to view the application and map.

<http://apps.wrd.state.or.us/apps/oweb/fiscal/default.aspx>

Log-In ID: grantee

Password: oweb

1. Enter the Project Number from the provided tracking spreadsheet and hit Submit.
2. Click on the green linked project number, this opens the project detail page. 
3. Scroll to the bottom of the detail page and click on the green linked ‘Grant Application’ text under the ***Images*** section.
   1. The project location information is on page 1, the map is toward the end of the application within the supporting documents.

Feature Class Attributes

|  |  |
| --- | --- |
| OBJECTID | A database populated field, no data entry needed. |
| gr\_project\_id | OGMS four-digit project id. Can be found within OGMS or on the tracking provided spreadsheet. |
| project\_name | The name of the project, found within OGMS or on the provided tracking spreadsheet. |
| application\_nbr | The grant application number, found within OGMS or on the provided tracking spreadsheet. |
| gis\_source | Identifies the feature class source of the lat/long coordinate for reporting purposes, select ‘oweb\_grant’ from the drop down menu for all grant applications digitized unless it is a statewide grant and a centroid has been derived from a created polygon. In this case, leave it blank and OWEB will populate this field. |
| origin\_date | The date the application point was created. E.g., 07/13/2011 |
| Shape | A database populated field, no data entry required. |
| project\_type | The type of grant application as outlined in the guidance above (small grants are considered restoration). |
| mapper | The name of the person who digitized the feature. Names are included in a drop down menu. |
| gis\_type | A required field for reporting identifies how the point was created. Enter ‘GIS Point Source’ from the dropdown menu unless it is a statewide project; enter ‘GIS Polygon Centroid’. |
| analysis\_scale | A required field for reporting identifies the appropriate scale for viewing the data. Enter ‘6th Field HUC’ from the drop down menu. |
| point\_x/point\_y | The latitude/longitude coordinates in decimal degrees. This can be populated in batches using ‘Calculate Geometry’. |
| qaqc\_date | Identifies when the data was quality checked. No data entry required. |

**Map Services Needed – either DAS-GEO services can be used or the Basemap ‘Add Data’ option in ArcGIS 10.0**

**DAS-GEO**

1. In ArcCatalog, expand the ‘GIS Servers’ directory, choose 'Add ArcGIS Server' from the list
2. select the option 'Use GIS Services'
3. enter 'http://159.121.100.164/ArcGIS/services' for the Server URL under the Internet option (this adds the NAIP imagery as a service)
4. click finish

The connection to the server will now be listed under the GIS Servers list; the 2009 imagery (called ‘Imagery\_Mosaic2009') is located under the 'Basemaps' folder.

Repeat the map services steps above, substituting the following URL in step 3, to add a topographic map service from hosted by ESRI. ArcGIS Online - <http://services.arcgisonline.com/arcgis/services>

**ESRI Basemap**

1. Select the ‘Add Data’ button, choose Add Basemap
2. Select Imagery
3. Repeat step 1
4. Select USA Topo Map