



Oregon

Kate Brown, Governor

Department of Administrative Services

Enterprise Information Services

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May 18, 2022

The Honorable Senator Rachel Armitage, Co-Chair
The Honorable Representative Nancy Nathanson, Co-Chair
Joint Committee on Information Management and Technology

900 Court Street NE
H-178 State Capitol
Salem, OR 97301-4048

RE: Oregon Geographic Information Council Fund Update

Dear Co-Chairpersons:

Nature of the Request

The Oregon Legislature approved House Bill 2906 (2017) establishing the Oregon Geographic Information Council (OGIC) Fund and requiring the State Chief Information Officer and the OGIC to submit to the Legislative Assembly and the Governor a report that summarizes the balance in the fund and deposits into and expenditures from the fund.

Agency Action

The OGIC Fund is primarily used to develop, acquire, and maintain geospatial framework data and activities related to sharing geospatial data among public bodies (ORS 276A.512.(3)(a)). Funds are distributed largely through the Oregon Framework Data Development Program. The Geospatial Enterprise Office within Enterprise Information Services provides support for OGIC and administers the Oregon Framework Data Development Program. The program begins with a request for proposals, followed by an extensive technical review process to select projects for grant awards. The grant program aligns with the state biennium and budget process. Detailed information about the program can be found on the following web page: www.oregon.gov/geo/pages/fit-funding.aspx.

The 2021-23 biennium projects are currently underway. Following are example projects from the previous two biennia that highlight some of the accomplishments of the Oregon Framework Data Development Program.

- 1) The Oregon Department of Geology and Mineral Industries updated two hazard databases and created new data standards during the 2019-21 biennium: Oregon Statewide Tsunami and Oregon Earthquake databases. Both will provide critical natural hazard data to local emergency managers, planners, and the public. These data are used by communities in Oregon in the preparation of Natural Hazard Mitigation Plans, in disaster planning, and for emergency response. Having Oregon data standards for these high-priority data promotes data quality, improves use and availability of data, and provides consistency in future data updates.

- 2) In 2017, the Lane Council of Governments, in partnership with the Oregon Department of Revenue (DOR), proposed a project titled, Extending Oregon Cadastral Data to Support Framework: Using ORMAP Data to Develop and Maintain Framework Administrative Boundaries. The lack of administrative boundaries is problematic and is a set of data that is repeatedly requested. This project tested a methodology to use tax data collected by the DOR to assemble various administrative boundaries, also commonly known as tax districts. This includes district boundaries for schools, libraries, sanitary, fire, water control, and more. This pilot was considered a success and two iterations of these data layers have been created to date.

Attached is a report detailing each grant recipient, amount of OGIC funds paid to recipient, and the outcomes achieved.

Action Requested

The Oregon Geographic Information Council and State Chief Information Officer request acceptance of this report.

Legislation Affected

None.

Sincerely,



Tom Rohlifing, Marion County Assessor
Oregon Geographic Information Council Chair



Terrence Woods
State Chief Information Officer

Attachment: Oregon Geographic Information Council Fund Report as of April 30, 2022

cc: Oregon Geographic Information Council Members
Rachel L. Smith, Oregon Geographic Information Officer
Kathryn Helms, Chief Data Officer

Attachment
Oregon Geographic Information Council Fund
Report as of April 30, 2022

2017-19			
Recipient	OGIC Funds Paid	Project Name	Project Outcome / Description
Oregon Geographic Information Council Fund	\$500,070.00		Original cash funding
Oregon Department of Geology and Mineral Industries	(\$151,842.17)	Oregon Geology Data Schema	Modernization of the geology database; additional geologic point data to further define on-the-ground geologic characteristics; data are used for hydrogeologic studies, soils mapping, and hazard assessment.
		North-Central Oregon Coast National Hydrography Dataset (NHD) / Watershed Boundary Dataset (WBD) Lidar Derived Feature Update	Update the National Hydrography and the Watershed Boundaries datasets using lidar-derived hydrography; this data will improve habitat monitoring and management, flood hazard assessments and mapping, and support of emergency response.
Lane Council of Governments	(\$30,603.59)	Extending Oregon Cadastral Data: Using ORMAP Data to Develop and Maintain Framework Administrative Boundaries	Pilot project to test the use of tax codes and parcel data to produce important administrative boundaries, like special district boundaries, that do not currently exist.
Portland State University	(\$23,427.00)	Management and Delivery of Oregon's Bathymetric Data	Transform bathymetric data into usable GIS data for Oregon lakes, reservoirs, and other water bodies; data will fill gaps in Oregon's coverage of hydrology data; data will be used for water availability analysis, developing hydrologic budgets, assessing habitat types, and enhancing recreational use.
Oregon Department of Land Conservation and Development, Oregon Coastal Management Program	(\$52,680.00)	Mapping Oregon's Ocean Shore Habitats Using the Coastal and Marine Ecological Classification Standard	Creation of a habitat map of the ocean shoreline for use in natural resource planning, research, and management; the mapped area will extend the length of Oregon's ocean shoreline and include all intertidal areas; habitats will be classified and mapped using the federal Coastal and Marine Ecological Classification Standard.

2017-19			
Recipient	OGIC Funds Paid	Project Name	Project Outcome / Description
Oregon Department of Fish and Wildlife	(\$43,008.95)	Fish Habitat Distribution Data Development Project	Update the Fish Habitat Distribution (FHD) Database with information from multiple sources on salmonid, non-game, and non-native species data within the rivers, streams, lakes, and reservoirs in Oregon; develop a FHD data inventory for Oregon lakes and reservoirs; updates will assist in the protection of fish species and support the work of DEQ, DSL, USFW, BLM, and more who work in water quality, habitat, and endangered species.
Portland State University, Institute for Natural Resources	(\$31,312.00)	Oregon Statewide Habitat Map	Creation of an Oregon Statewide Habitat Map and species habitat suitability maps for 422 of Oregon's wildlife species; maps have not been updated in 15 years though many land cover and habitat changes have taken place; maps are widely used by agencies and others in the state for land use and conservation planning.
Oregon Department of Land Conservation and Development	(\$16,552.15)	Statewide Comprehensive Plan Data Development Project	Creation of a statewide compilation of local comprehensive plans; develop a data standard for statewide planning code standardization; used for statewide and regional infrastructure planning by ODOT, and growth management and planning analysis by multiple state agencies.
Oregon Department of Administrative Services, Geospatial Enterprise Office (Quantum Spatial)	(\$100,000.00)	Statewide Imagery Acquisition	Aerial imagery collection for the state; two collections (eastern Oregon collected in 2017, western Oregon collected in 2018).
Latitude Geographics Group LTD (Oregon State University, Institute for Natural Resources)	(\$7,500.00)	Oregon Explorer Analytics	Software license for Geocortex Analytics; used to check and monitor the performance and use of Oregon Explorer pages, web apps, and data downloads.
Oregon State Treasury	\$15,121.83 (\$310.05)		Interest Fees
Oregon State University, Institute for Natural Resources	(\$21,576.28)	Oregon Spatial Data Library Enhancements	Operations and maintenance of Oregon Explorer pages, web apps, and data library services; to make publishing, discovering, and accessing data and metadata easier and more informative.

2017-19			
Recipient	OGIC Funds Paid	Project Name	Project Outcome / Description
Theresa Burcsu	(\$332.98)		Meeting/Forum Refreshments

2019-21			
Recipient	OGIC Funds Paid	Project Name	Project Outcome
Oregon Geographic Information Council Fund	\$577,856.11		Cash funding
Oregon Dept. of Human Services / Oregon Health Authority - Shared Services	(\$19,995.62)	Address Point Framework Data	Review of national address standards; design of a database to accommodate multiple national data standards; collected additional address data for master address database; cleaned and standardized addresses.
Oregon Department of Geology and Mineral Industries	(\$418,913.30)	Building Footprints Dataset of Oregon	Creation of a statewide dataset of building footprints; compilation of data from multiple sources to create a best-available version for Oregon; this dataset is considered critical data for natural hazard preparedness, emergency planning and response, land use planning and development, asset management and more.
		Oregon Statewide Tsunami Geodatabase Compilation	Integration of disparate tsunami datasets into a suite of standardized products that can be easily shared and consumed by all; creation of an Oregon Tsunami data standard.
		Oregon Earthquake Database	Updated statewide earthquake database of best available earthquake hazard data for the state; used by all cities and counties in Oregon to analyze risk and identify risk reduction mitigation for FEMA Natural Hazard Mitigation Plans; used for emergency preparedness, response, recovery, planning, and outreach.
		Oregon Coast Watershed Boundary Dataset (WBD) Lidar Derived Feature Update – Phase 2	Part 2 of the National Hydrography Dataset (NHD)/WBD project of the 2017-19 biennium; completion of the watershed boundary dataset for the Oregon Coast Range; NHD completion for 43 subwatersheds; data will improve habitat monitoring and management, flood hazard assessments and

2019-21			
Recipient	OGIC Funds Paid	Project Name	Project Outcome
			mapping, and support of emergency response.
Portland State University	(\$13,424.00)	Oregon Geology Data Schema Migration	Part 2 of the geologic database modernization that began in the 2017-19 biennium; data used for hydrogeologic studies, soils mapping, and hazard assessment.
Oregon State University, Institute for Natural Resources	(\$19,926.71)	Oregon Spatial Data Library and Imagery Explorer Integration	Combined the Oregon Spatial Data Library and the Oregon Imagery Explorer; creates a single access point for publicly available spatial data and imagery; standard maintenance and update of existing data portal.
Oregon Department of Land Conservation and Development	(\$35,929.78)	Statewide Land Use Development Project	Creation of a statewide land use data layer and standardization of land use classifications; data reflects how land is currently used (not zoned use or future use); allows users to perform regional and statewide analysis.
Oregon State Treasury	\$2,223.11 (\$240.00)		Interest Fees

2021-23			
Recipient	OGIC Funds Paid	Project Name	Planned Project Outcome
Oregon Department of Land Conservation and Development	(\$4,981.41)	Statewide Land Use Development Project	Creation of a statewide land use data layer and standardization of land use classifications; data reflects how land is currently used (not zoned use or future use); allows users to perform regional and statewide analysis.
Oregon State University, Institute for Natural Resources	(\$27,810.03)	Oregon Spatial Data Library and Imagery Explorer Integration	Combined the Oregon Spatial Data Library and the Oregon Imagery Explorer; creates a single access point for publicly available spatial data and imagery; standard maintenance and update of existing data portal.
Oregon Department of Geology and Mineral Industries	(\$19,685.64)	Oregon Statewide Tsunami Geodatabase Compilation	Integration of disparate tsunami datasets into a suite of standardized products that can be easily shared and consumed by all; creation of an Oregon Tsunami data standard.
Oregon State Treasury	\$453.51 (\$110.00)		Interest Fees

2021-23			
Recipient	OGIC Funds Paid	Project Name	Planned Project Outcome
US Bank	\$0.66		Small Purchase Order Transactions Rebate
Oregon Geographic Information Council Fund			Ending Balance: \$55,563.56