

Analysis

Department of Geology and Mineral Industries

3D Elevation Program

Analyst: John Terpening

Request: Approve the submission of a federal grant application by the Department of Geology and Mineral Industries to the U.S. Geologic Survey, in the amount of \$191,505, for the 3D Elevation Program (3DEP) initiative.

Recommendation: Approve the request.

Analysis: The 3DEP initiative is a collaborative approach between the U.S. Geologic Survey (USGS), federal agencies, and state, tribal, and local governments working together to build on existing programs to complete the national collection of 3D elevation data. Previous 3DEP projects undertaken by the department and its partners include mapping the Coos County and Wallowa County areas and the Upper John Day area.

The Department is proposing to use this grant opportunity to collect data for the Oregon Lidar Consortium Silver Creek sub-basin project, which would cover 751 square miles of the Harney Basin in parts of Crook and Harney counties. The project would provide a comprehensive assessment of hydrologic connectivity within the Basin, and this area is a high priority for future geologic mapping through the STATEMAP program.

The grant requires a match; however, no additional General Fund is required. The match is being provided by two other Oregon Lidar Consortium members, the Natural Resource Conservation Service and the Oregon Watershed Enhancement Board. The amount of the match is \$304,410. The final grant proposals are due in September and the awards are anticipated to be announced in late 2017 or early 2018. This would be the third 3DEP grant received by the Department since 2015.

The Department does not require additional position authority or expenditure limitation for this grant.

The Legislative Fiscal Office recommends approval of the request.