



Oregon

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May 14, 2013

The Honorable Senator Richard Devlin
The Honorable Representative Peter Buckley
Joint Committee on Ways and Means
900 Court Street NE
H-178 State Capitol
Salem, OR 97301-4048

Dear Co-Chairpersons:

Request for Other Funds Limitation

The Department of Land Conservation and Development (DLCD) requests Other Funds limitation in order to partner in a grant opportunity with Scripps Institution of Oceanography and the San Diego Supercomputer Center, University of California San Diego (Scripps-UCSD).

As the grant applicants, Scripps-UCSD will apply to the National Aeronautics and Space Administration (NASA) for a Research Opportunities in Space and Earth Sciences (ROSES) grant opportunity. DLCD will need Other Funds limitation in order to participate as a sub-recipient.

If successful, the Scripps-UCSD proposal will result in a partnership sub-award to DLCD in the amount of \$200,000 per year for 3 years beginning October 1, 2013 and ending September 30, 2016. There is no match requirement for this funding, and no positions or FTE are requested. Deadline for the competitive application is May 31, 2013.

Agency Justification and Background:

The proposed partnership between DLCD and Scripps-UCSD would provide funding for activities identified in two major policy action plans regarding sea level change. It also aligns closely with several Statewide Planning Goals.

The partnership would provide the necessary resources to accomplish a priority action called for in *The Oregon Climate Change Adaptation Framework*^[1]. The Framework identifies eleven risks, and each risk has one *priority action*. Risk #6 identifies likely “*Increased coastal erosion and risk of inundation from increasing sea levels and increasing wave heights and storm surges*”. The priority action to address Risk #6 is “*Inventory and map areas subject to inundation and erosion due to storm surge, waves and sea level rise, including likely timing, vulnerability maps*”. (pages 44-48). This priority action is an important prerequisite for developing long term state and local strategies to reduce the costs and consequences of sea level hazards in shore land areas.

Efforts to complete the priority action are also consistent with *Overarching Action 2* of the West Coast Governors Alliance’s Action Plan,^[2] *Preparing for the Effects of Climate Change*.

The partnership would align with Statewide Planning Goals guiding the activities of the department, including: citizen involvement; land-use planning; areas subject to natural hazards; economic development; coastal shore lands; estuarine resources; and beaches and dunes.

The benefits to Oregon of partnering on the Scripps-UCSD NASA project are numerous. This work will bring science-based information products to Oregon users by improving the scale, utility, and reliability of information about sea level hazards, including sea level rise, storm surge, and large waves.

The larger Scripps-UCSD proposed project will develop the scientific methods and the technological infrastructure to leverage existing NASA data systems and data sources to allow local users to better understand the risks of sea-level rise, at the scale that is necessary for communities to anticipate, plan for, and mitigate future sea level hazards.

DLCD's role in the project will be to assess Oregon coastal user needs for information products, and provide input into the development of the user interface for access to those products. DLCDC's contribution to the project will ensure that Oregon's coastal communities receive maximum possible benefit from the NASA investment, and will put useful tools in the hands of local users at the scale appropriate for local decisions. The lead investigator for the Scripps-UCSD project approached the DLCDC because of its close partnerships with local planners and coastal resource managers and its reputation for quality products like the Oregon Coastal Atlas. Overall, this invitation is an opportunity to capture significant science and technical resources to address established Oregon priority actions for addressing sea level rise, at a scale that is appropriate and genuinely useful to local level users.

Agency Action:

The department will contract with a competitively selected contractor for about \$150,000 per year to provide portal development programming and local user information product integration with the NASA portal platform. The department will retain roughly \$50,000 per year to cover costs of staff time and administration. DLCDC will act as fiscal agent to reimburse project coordination costs with the local government user community. No new limited duration or permanent positions would be created. The department is not required to provide any match (either cash or in-kind). No General Fund expenditures are required. The grant application is due May 31st, 2013. The start date is October 1, 2013; the maximum end date is September 30, 2016.

Action Requested:

The Department requests \$350,000 in Other Funds limitation for 2013-15, and anticipates the need for 250,000 in 2015-17. DLCDC would receive \$200,000 per year for 3 years beginning October 1, 2013 and ending September 30, 2016 from the NASA ROSES funding opportunity for the above-described purposes. Expenditure details are attached in a separate support document.

Legislation Affected:

SB 5530 Section 2, 2013 Legislative Assembly.

The proposed work would be performed pursuant to the department's authorities as the state's designated Coastal Management Agency under ORS 196.435 and to implement the Statewide Land Use Planning Program pursuant to ORS 197.

Thank you for your consideration.

Sincerely,



Jim Rue, Director

cc: Marilyn Worrrix, Chair, Land Conservation and Development Commission

References:

- [1] The Oregon Climate Change Adaptation Framework, 2010
http://www.oregon.gov/ENERGY/GBLWRM/docs/Framework_Final_DLCD.pdf
- [2] West Coast Governors Alliance (WCGA) on Ocean Health Action Plan, 2008
http://www.westcoastoceans.org/media/WCGA_ActionPlan_lowest-resolution.pdf

