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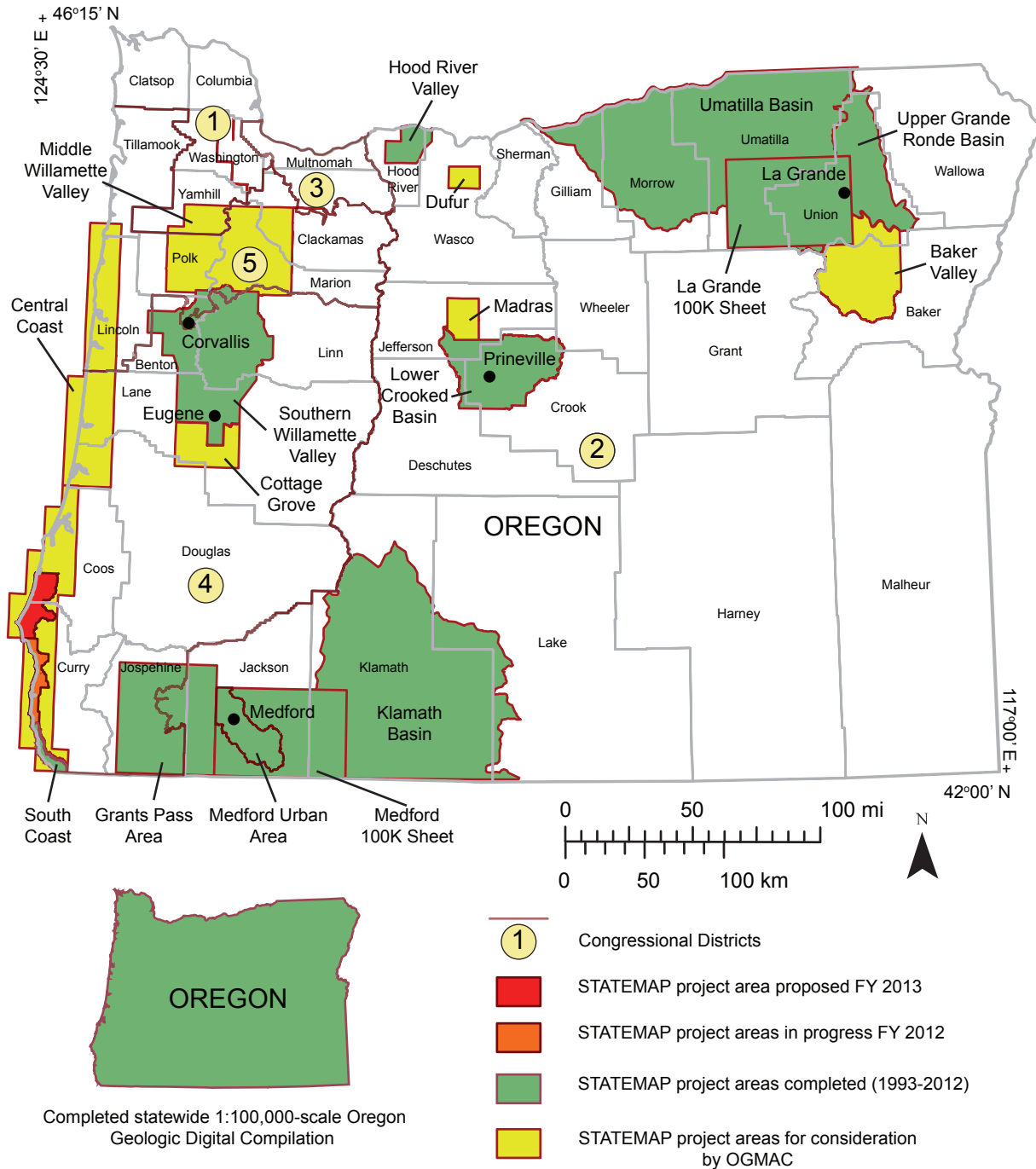


United States  
Geological Survey



# National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping



## Contact Information

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## Summary of STATEMAP Geologic Mapping Program in Oregon

| Federal Fiscal Year | Project Title  | State Dollars      | Federal Dollars    | Total Project Dollars |
|---------------------|--|--------------------|--------------------|-----------------------|
| 1995                | Medford, Bend 100k Sheet   | \$110,000          | \$39,000           | \$149,000             |
| 1996                | La Grande 100k Sheet, Medford 100k Sheet   | \$127,000          | \$112,000          | \$239,000             |
| 1997                | La Grande 100k Sheet, Medford 100k Sheet   | \$139,000          | \$112,000          | \$251,000             |
| 1998                | La Grande 100k Sheet, Klamath Basin  | \$138,000          | \$128,000          | \$266,000             |
| 1999                | Upper Grande Ronde Basin, Klamath Basin  | \$212,000          | \$145,000          | \$357,000             |
| 2000                | Upper Grande Ronde Basin, Klamath Basin  | \$215,000          | \$142,000          | \$357,000             |
| 2001                | Upper Grande Ronde Basin, Umatilla Basin (24k), Grants Pass Area (24k)                             | \$187,000          | \$186,000          | \$373,000             |
| 2002                | Upper Grande Ronde Basin, Eugene Urban Area (24k), Umatilla Basin (24k), Grants Pass (24k)         | \$187,000          | \$187,000          | \$374,000             |
| 2003                | Northeast Oregon Compilation (year 1) Umatilla Basin (24k), Upper Grande Ronde Basin               | \$274,000          | \$233,000          | \$507,000             |
| 2004                | Southeast Oregon Compilation (year 2) Umatilla Basin (24k), Grants Pass Area (24k)                 | \$293,000          | \$228,000          | \$507,000             |
| 2005                | Central Oregon Compilation (year 3) Prineville Urban Area (24k) , Southern Willamette Valley (24k) | \$214,000          | \$207,000          | \$421,000             |
| 2006                | Southwest Oregon Compilation (year 4) Prineville Urban Area (24k), South Coast (24k)               | \$348,000          | \$222,000          | \$570,000             |
| 2007                | West Oregon Compilation (year 5) Southern Willamette Valley (24k)                                  | \$349,051          | \$222,368          | \$571,419             |
| 2008                | Northwest Oregon Compilation (year 6) Southern Willamette Valley (24k)                             | \$327,208          | \$220,833          | \$548,041             |
| 2009                | Southern Willamette Valley (24) and Compilation  | \$228,815          | \$223,441          | \$452,256             |
| 2010                | Medford/Bear Creek Valley area   | \$289,186          | \$221,128          | \$510,314             |
| 2011                | *Hood River Valley   | \$153,962          | \$149,458          | \$303,420             |
|                     | <b>*TOTALS</b>   | <b>\$4,012,222</b> | <b>\$3,062,228</b> | <b>\$7,074,450</b>    |

*Totals reflect funding since FY 1993; Hood River Project completed July 1, 2012*

### Oregon STATEMAP fact sheet (FY2012)

Funding from the STATEMAP portion of the National Cooperative Geologic Mapping Program (NCGMP) has been at the core of the Oregon Department of Geology and Mineral Industries' (DOGAMI) geologic-mapping program for many years. The program has allowed DOGAMI to significantly increase the production of new maps and has, through the Oregon Geologic Mapping Advisory Committee, helped focus mapping on areas where resource- and hazard-management issues require good geologic data.

In FY 2009, we completed a six-year program to compile the entire state digitally (Oregon Geologic Data Compilation or OGDC) using STATEMAP funds and funding from the Oregon Geographic Information Council, BLM, and USFS. We now have a current and comprehensive statewide GIS-based geologic dataset which offers the best-available geology for every part of the state.

DOGAMI continues to acquire high resolution lidar data, which now covers more than 95% of the populated areas of the state. Lidar dramatically improves the accuracy and completeness of geologic maps. The recently published Medford and southern Willamette Valley projects are examples of where DOGAMI intends to go

with future geologic mapping projects using high resolution lidar. These projects used lidar to generate new high-resolution bedrock and surficial geologic maps and digital geodatabases at a scale of 1:8,000. By building on existing data, developing integrated databases, and using existing lidar data we can produce high quality, multi-use geologic products in a very cost-effective way. We now prioritize our future STATEMAP projects based on those areas of the state that have lidar coverage and compelling societal issues.

DOGAMI's on-going commitment to provide digital geologic mapping is of great importance and value, supplying much needed data to Oregon's citizens. Users of DOGAMI's STATEMAP products attest to the benefits of high-resolution geologic mapping: *"The geologic maps you have produced have proven invaluable in my work advising property owners and developers in matters concerning geologic hazards and water quality and availability."*

-Geologic consultant in the southern Willamette Valley-