FRAMEWORK TEAM REPORTS FIT Webpage:
First Quarter 2007 www.oregon.gov/DAS/EISPD/GEO/fit/FIT.shtml

The Framework database now has full editing capabilities for the FIT leads to update. To use the report viewer, the URL is http://www.oregonexplorer.info/frameworkdata_report/Default.aspx.

Administrative Boundaries – Diana Walker, 503-986-4788

Umbrella standard has been endorsed by OGIC.

Bioscience – Jimmy Kagan, 503-731-3070 x111

Wildlife Species Mapping Project
INR has been funded by the USGS to update (develop new) statewide range, distribution, and habitat maps for all native terrestrial wildlife species in Oregon. Approximately 500 species grids will be developed. Part of the project includes developing online tools for reviewing, viewing and downloading these maps. The online tools are being developed in partnership with the Oregon Department of Fish and Wildlife. Draft distribution maps will be available for review (and use at one's own risk) by the fall of 2007. Final, detailed habitat maps for each species are scheduled to be completed by the fall of 2009.

Plant Species Mapping Project
With the databases and tools built for the Land Cover and Wildlife projects, INR is considering working with the OSU Herbarium, NACSE and the Oregon Flora Project to create similar maps for all of the native plant species in Oregon (~ 3800 plant species, including all native trees and shrubs). INR wants to gauge interest in this type of information. Contact Jimmy to let them know of your organization's interest.

Wetlands
A significant chunk of NWI quads have been successfully converted from paper to digital Framework data. Under OWEB guidance, Oregon Correctional Enterprises did the conversion, while USFWS provided QC and metadata. The NWI website currently hosts the data. The balance of NWI conversion work is expected to be funded by OWEB and completed by the end of 2007. Strategies will be developed to integrate LWI as well. A stewardship plan for Wetlands Framework is expected by the end of June 2007.

Fish Passage – Jon Bowers
The Oregon Fish Passage Barrier Data Standard (OFPBDS) workgroup has met three times and is making significant progress toward the development of a prototype standard. At our January meeting the group agreed upon the scope of the standard, definitions for key terms and also the major, non-graphic attribute categories that the standard would address. At the February meeting the group agreed to both minimum

and optional graphic data elements and a significant number of minimum non-graphic data elements.

We have three meetings scheduled in the coming two months and hope to have a prototype standard completed within that time frame and also hope to begin testing the prototype. The goal of the workgroup is to complete a 1st Draft Standard by the end of May and a preliminary Final Draft Standard by June. The endorsement phase should begin in June.

Cadastral – Cress Bates, 541-682-8559

Orrin Fredricks (BLM), Marc Thomas (FGDC) and Dean Anderson (Polk County) have all agreed to serve on the Cadastral FIT with Cress Bates (Lane County) in the lead and Gail Ewart (GEO) riding sweep. This group will focus on vertical integration issues within the Cadastral theme.

Tax Lots (ORMAP)
The Cadastral Data Exchange Standard v1.4 was used by the counties to send DOR tax lot data in the Exchange format. For the most part this went smoother than last time; however, there are still edgematching issues between counties. There were also problems with how some counties had field length/type defined which has caused problems with the horizontal integration of the tax lot data. Rod will be sending out an example data set of how each field should be defined to help better understand the exchange standard. The Tech Group is working on other issues that contribute to horizontal integration and border-to-border coverage.

PLSS
Dean Anderson (Polk County) is leading this effort, and a new round of meetings will get started soon.

Public Lands
We're gathering names of people and organizations that would like to work on this critical component to the ownership map. This group will begin work within the next few months. Contact Gail to get involved: gail.ewart@state.or.us.

Climate – George Taylor, 541-737-5705

Precipitation Frequency
We are still at work on new precipitation-intensity-duration coverages for Oregon, sponsored by the Oregon Department of Transportation and the Oregon Water Resources Department. Completion date will be early summer, 2007.

Snow Load
The Structural Engineers' Association of Oregon sponsored a project to create a new coverage of 50-year snow loading in Oregon. The previous version was published in the 1970s. The mapping has been completed, and we are finishing up the cartography.

Elevation – Emmor Nile, 503-945-7418

The Oregon LiDAR consortium is moving forward with approximately 1,700 square miles of 1-meter DEM collection.

Geodetic Control – Ken Bays, 503-986-3543

ODOT Geometronics, as are many states, plans to implement height modernization techniques to upgrade the vertical geodetic control layer in Oregon. We will do this by working with the National Geodetic Survey to enhance the geoid model in Oregon and by using conventional survey leveling techniques to obtain accurate orthometric heights on the GPS continuously operating reference stations of ODOT's Oregon Real-time GPS Network.

ODOT Geometronics is responsible for maintaining and enhancing geodetic control in Oregon, and we are using the Oregon Real-time GPS Network and Height Modernization techniques as two methods of enhancing and updating geodetic control.

Geoscience – Paul Staub, 971-673-1548

Geology
Work continues on Year 4 data development in southwest Oregon. Geologic information from 66 map conversions and 12 existing data sets will be incorporated. The project area covers ten 100k quadrangles. The first two years' data are viewable on the DOGAMI interactive website, with Year 3 data to be posted in March 2007. The link is: http://www.oregongeology.com/sub/ogdc/index.htm. A workgroup meeting is needed to approve modifications to the geology component of the Geoscience standard.

Soils
A workgroup is beginning to form and will review the current standard and explore options for complete statewide coverage. There is interest in integrating SSURGO data with USFS and others to assemble a preliminary statewide soils layer. One potential option is for OSU Crop & Soil sciences (students/staff) to work with the Institute for Natural Resources and NRCS/USFS to develop an interim soils data set for Oregon. (Contact Paul if you are interested in helping make this happen).

Hazards – Andre LeDuc, 541-346-5833

Floodplain

Hydrography – Bob Harmon, 503-986-0866

Hydrography Framework data is now available on the Clearinghouse!

The PNW hydro framework (PNWHF) group (Oregon, Washington, and the feds) met on January 24. Some of the items discussed at the meeting (complete notes at http://hydro.reo.gov/):

- Review of the objectives of the PNW hydro framework effort.
- Need to update the partnership agreement to include more partners, especially the NRCS and USGS, and reflect the roles that have changed for some since the loss of the REO.
- Hydrologic unit (HU) agreement in place between the PNWHF, NRCS, and USGS. Rick Jordan (USFS) gave an update on the certification process. It should be completed by September.
- A draft agreement is being worked on between the PNWHF and the USGS for the maintenance of the PNW hydrography data after it has been migrated to the NHD. There will be a NHD stewardship conference in Denver in April. Representatives from the PNWHF will attend.
- Dan (BLM) will create a new roles document that includes a stakeholder group/steering committee.
- The PNWHF web site needs to be updated (Dan, Bob, Bill Kaiser (USFS)). This update will focus on content. A full redesign will happen later.
- Bill provided an overview of the LLID to NHD migration, including a brief overview of some of the issues that has made this process challenging.
- Dan wrapped up with a review of the PNWHF budget (from federal FY04 through FY07). The bottom line is that we have adequate funding through the end of September, but we're not sure after that. The group discussed the need to aggressively pursue grant opportunities. Joy Paulis (WA) volunteered to assist these efforts.

The next meeting is April 19.

Land Use / Land Cover – Eric Brandt, 541-682-4338
Jimmy Kagan, 503-731-3070 x111

<u>Land Cover and Existing Vegetation Framework Data</u>
The National Land Cover Database and Grid for Oregon has just been released and is available on the USGS and National Map. It is organized by USGS map zone, and Oregon currently contains 4 zones (2, 7, 8, and 9). The data follows national standards, although varies between zone 2 (the coast) and the rest of the state due to different details acquired in the coastal portions of the U.S.

The Institute for Natural Resources (INR) and the US Forest Service PNW Research Lab have been funded to create a statewide vegetation map, and associated vegetation attributes (mostly for forested habitats), such as fuels, forest tree density, forest basal area, etc), with vegetation classified with the Ecological Systems classification of NatureServe. The map and associated grids are being developed on an ecoregion basis, with the entire state to be completed by the end of 2007. Draft maps will be available for the entire state except for the East Cascades, by the end of April (keeping us hopping until then). To develop this data properly, we require a consistent 1:24,000, perennial stream layer for attributing riparian vegetation, and a 1:24,000 soils and surficial geology map for attributing some vegetation types. A similar map has just been completed for Oregon by LandFire, and is available from the LandFire web site.

When the statewide vegetation map and associated grids are completed at the end of 2007, INR will combine the updated NLCD with the updated vegetation attributes into a statewide framework land cover grid, using the recently adopted land cover standard. Update is planned every five years.

Land Stewardship Project

Funding for mapping land stewardship in Oregon is not available yet, but the USGS GAP Analysis project is committed to developing an updated statewide cover for the NW ReGAP project by the end of 2008. The stewardship data was last updated in 2004 by INR for the ODFW Conservation Strategy assessment. Before being updated again, the hope is that a statewide land ownership data layer, built on OR-MAP boundaries, can be developed, so no polygon line-work (except line-work directly related to changes in land stewardship and management) will need to be developed. Perhaps, counties can be persuaded to allow DAS access to a statewide dataset exclusively for that purpose.

In the meantime, INR is working with both OWEB (for their Oregon Watershed Restoration Inventory (OWRI) database) and the Defenders of Wildlife, to build an integrated database of all conservation and restoration activities in Oregon to assist in attributing portions of the land stewardship and management cover which have always been lacking: conservation easements, voluntary conservation and restoration projects, etc. This database is critical to creating a permanent and meaningful Framework element. The Conservation Registry and OWRI web access project is targeted for completion by the end of 2008.

Land Use

LCOG is ramping up work on a redesign of the countywide land use data that has been in use throughout the region for more than three decades. A regional Land Use Subcommittee is forming with representatives from five local jurisdictions to help facilitate the user requirements analysis and coordinate outreach activities through the design, deployment, and ongoing data maintenance phases. The redesign will result in a state of the art geodatabase design for land use data. At a minimum, the new data classification scheme will support code mapping to the existing 1965 SLUCM standard,

State LU/LC Framework standards, and to the extent possible other publicized and widely used systems such as NAICS. Data design and development activities are planned into the summer, with deployment expected in the fall of 2007.

Orthoimagery – Randy Sounhein, 503-378-3805

- 2 meter Imagery datasets for 2006: extent limited
- 2 meter Imagery datasets for 2007: might not get flown; extent could be more limited than 2006
- Future imagery cooperative for 1 meter or less imagery datasets (with IR) for 2008. The IR product was something that both CY and I wanted in 2005 but were turned down due to NRCS's needs.

The 2006 NAIP imagery that FSA flew is limited to agriculture lands, and so as a result there are a few counties that were not flown: Wheeler, and coastal counties Clatsop, Tillamook, Lincoln, Coos, Curry.

FSA has ordered the 2007 NAIP imagery, however the chances of the state getting flown this year are not really good. The reason for this is that those states that don't have a consortium are placed on low priority. In order to get top priority, FSA needs a 33% cooperative/partnership relationship in place, consisting of 33% from FSA, 33% from other federal agencies, and 33% from say the state/local agencies.

In regard to obtaining the 2006 imagery, I have been told that I can acquire those datasets so please make sure other folks are not duplicating my efforts. I suggest that we continue on with the consortium effort as follows: Finalize the 2005 imagery and get that out. Once this is done and the new 07-09 biennium begins I suggest we begin preparing for the acquisition of 2008 NAIP imagery.

Preparedness – Ken Murphy, OEM

Well positioned to move forward.

Transportation – Dennis Scofield, 503-986-3156

No report.

Utilities – Emmor Nile, 503-945-7418

Nothing shocking to report, all gassed out, poor communication. If you would like to see something happen with this theme, contact Emmor.