Improving Access to Animal Acoustic Telemetry Observations Project

DEMO WORKSHOP

June 13, 2013

University of Washington, Applied Physics Laboratory
Seattle, WA

Meeting Location:
UW Benjamin Hall ("Ben Hall"), Seminar Room 512; at the western tip of campus:
616 N.E. Northlake Place, Seattle
http://uw.edu/maps/?rtb

http://www.apl.washington.edu/campus_map/campus_map.php
See map and parking instructions on the next page.

Conference call and Webex details

**** MEETING DATE & TIME: June 13, 2013

**** CONFERENCE CALL LINE:

Inside US: **1-877-417-3954** Outside US: **1-517-233-7545** Passcode **9119817#**

**** WEBEX SIGN-IN INSTRUCTIONS: Instant Net Conference Details:

Meeting Number: 441703233

No Password required

Join Instructions for Instant Net Conference:

1. *Join the meeting now:*

http://www.mymeetings.com/nc/join.php?sigKey=mymeetings&i=441703233&p=&t=c

2. Enter the required fields.

3. Indicate that you have read the Privacy Policy.

4. Click on Proceed.

Agenda

GOALS:

(1) Report major progress towards implementation of a metadata and data encoding convention for animal acoustic telemetry (AAT) data, by describing most current versions of its principal components:
  a. Data Content Standards
  b. Data products implementing the content standards
  c. Datasets and discovery metadata
(2) Demonstrating functionality of these components using established Data access Webservices such as the Data Access Protocol (ERDDAP) and OGC GeoServer.
(3) Demonstrating capabilities of getting data into user applications and generating integrated products
(4) Record user input on usage of the implemented data services and next steps.

Introductions

      10:00 Welcome (Jan Newton, Emilio Mayorga - NANOOS)
      10:10 Remarks (Charles Alexander, Hassan Moustahfid- IOOS Program Office)
      10:20 Remarks (Kes Morton - OTN Headquarters)

Project Description

      10:30 Overview of the Project + Concept Design (Hassan, Emilio)
      10:50 Reconciled Data Content Standard vs 1.0 (Hassan et al.)
      11:05 Data products implementing the Data Content Standard (Bob Branton (OTN)
      11:20 Dataset and discovery metadata (Emilio)
      11:35 Q/A & Discussion

Lunch (12:20 - 1pm)

Live Demonstrations

      01:00 Interim data/metadata Access Services
- ERDDAP – Bob Simons (NOAA, SWFSC/ERD)
- GeoServer – Emilio

      01:30 Getting the data in the hand of Users Apps
- Interactive R and Python sessions (access and visualization of animal acoustic telemetry data, integration with environmental data) – Bob Branton
- QGIS and Google Earth (geospatial access and browsing of AAT data) – Emilio

      02:15 Environmental Data Connector (EDC) - Kelly Knee and Kyle Wilcox (ASA)

Conclusion

02:30 Q/A & Discussion
03:00 Closing Remarks & next steps (Hassan, Emilio)
03:30 Adjourn

Parking

2-hour free street **parking** is usually available on the highlighted areas, on NE Northlake Way and on the connecting road between NE Northlake Way and NE Northlake Place. Otherwise, UW-APL parking is also available on the highlighted **W10** parking lot; see the receptionist at Henderson Hall to get a visitor parking permit.

Go into **Benjamin Hall** through main entrance on first floor (see map), then head to elevators at the end of the hallway, to the right. Go to 5th floor, and follow the signs to **Seminar Room 512**.