

Tethys and Annex IV Quarterly Report Q1 FY2014
Pacific Northwest National Laboratory
January 2014

The purpose of this document is to report on the Tethys and Annex IV activities carried out within Q1 of FY 2014.

Milestones

Q1 Milestone (Tethys): Demonstration of Tethys functionality for Department of Energy WWPTO staff on the Drupal platform, on development server, to demonstrate that all previous functionality has been maintained and additional capabilities are under development.

Progress: The environment has been created and all the content has been imported successfully. Modifications on the fine details are still underway, matching styles and completing work on the advanced functionality of the map viewer. New features include an improved home page with a banner image that rotates every 24 hours, rotating announcements on the home page to keep users updated on community events, commenting and rating on publications and blog articles, and new user profiles with the ability to share contact information on a community list. New features will continue to be developed throughout the year, based on plans in the backlog and new feedback from peer reviews. The demonstration was pushed back to mid-January because of communication issues during Winter break.

Q1 Milestone (Annex IV): Engagement with member nation analysts to: plan for gathering of metadata on marine energy projects and research studies; discuss and finalize criteria for the Tethys annual peer review; and plan collaborative activities for the year.

Progress: Two international calls were set up with country analysts in order to accommodate time zone differences. These calls reviewed the details of Phase 1 and shared the vision for Phase 2, including providing an introduction into analyst tasks such as providing a peer review, gathering and updating metadata, and updating the regulatory frameworks.

Performance Metrics for Q1 FY2014

The table below lists the metrics and goals identified in the Tethys Management Plan, as well as the data collected in Q1 (October 1 2013 – December 31 2013) for the nine metrics and goals. More information on the metrics can be found at: <http://tethys.pnnl.gov/deliverables>

Metric	Goal	Q1 Progress	Compare to Q4 Data
Total Visits	10% increase on annual basis, to be tracked on revolving quarterly basis.	7,800 users; 9,721 visits	Q4: 5,823 users; 7,261 visits 33.9% increase in users; 33.9% increase in visits
Total Pageviews	10% increase on annual basis, to be tracked on revolving quarterly basis.	17,228 pageviews	Q4: 12,526 pageviews 37.5% increase
Average Pages per Visit	No goal, but activity should be tracked on revolving quarterly basis.	1.77 pages/visit	Q4: 1.73 pages/visit 2.3% increase
Number of Documents Indexed	Increase by 25 documents per quarter.	1035 documents	Q4: 946 documents +89 documents; 56 OSW, 27 MHK, 6 Unspecified
Number of External Websites Linked to Tethys	No goal, as this is outside of our control, but active outreach may increase.	22 domains	No change
Number of Websites Linked from Tethys	Increase by 10 links per quarter.	540 links	Q4: 527 external links +13 links
Percentage of Valid Links in Tethys	90% working links at any time.	95.7% links	Q4: 99.0% links 3.3% decrease

Highlights and Key Findings for Q1 FY2014

- The new Drupal platform is expected to reduce maintenance costs on the site because the content will be more organized. Security concerns with Semantic MediaWiki will be reduced with Drupal because greater popularity and funding ensure security releases are more frequent and thorough. New features will be easier to implement because there is a greater stock of Drupal modules to work with.
- A significant push was made to add new documents to Tethys, specifically focusing on offshore wind material. Much of this content was gathered from searching databases for existing offshore wind reports. Tethys now contains more than 1000 documents (excluding any Annex IV metadata).
- A noticeable decrease in user activity can be seen during the last two weeks of December. This is due to vacations and holidays over the Winter Break, which clearly exemplifies one of several annual trends.
- The metric tracking external websites linked to Tethys was altered to report the number of domains, specifically those that have referred 5 or more people to Tethys. This is because otherwise you get duplicates such as Wikipedia France and Wikipedia Germany all counting as separate websites.

The following several pages are a direct output of statistics from Google Analytics, showing information that may prove helpful in identifying the health of Tethys and top referral sources:

Print Client Dashboard

Oct 1, 2013 - Dec 31, 2013

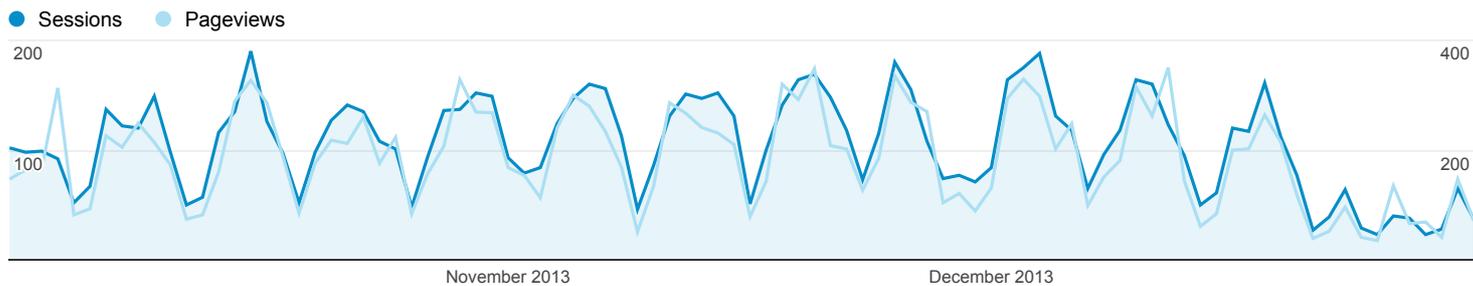
All Sessions
100.00%

+ Add Segment

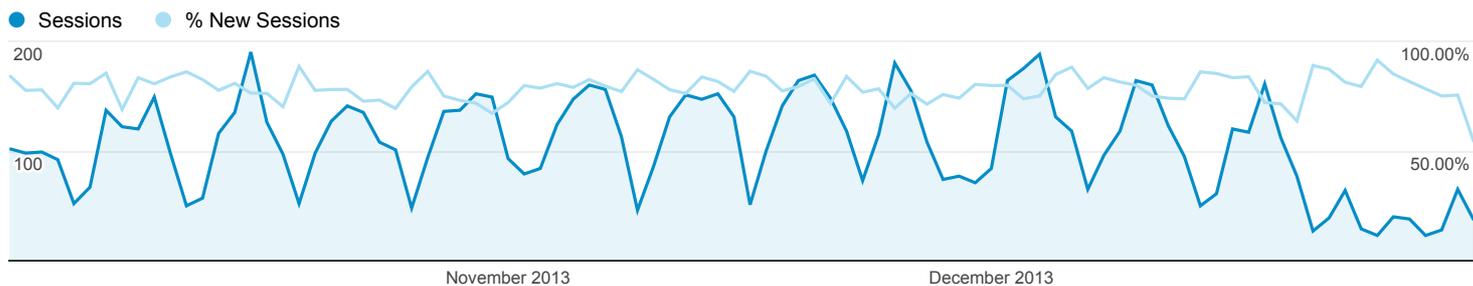
Visits and Unique Visitors



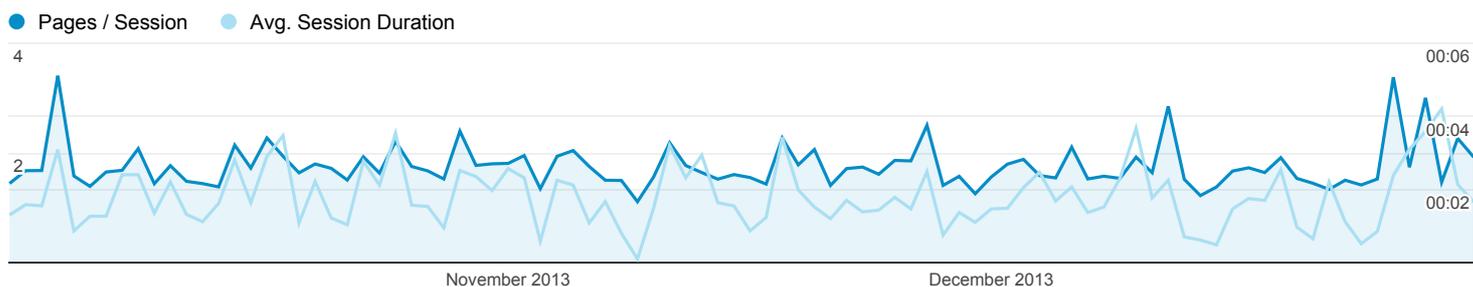
Visits and Pageviews



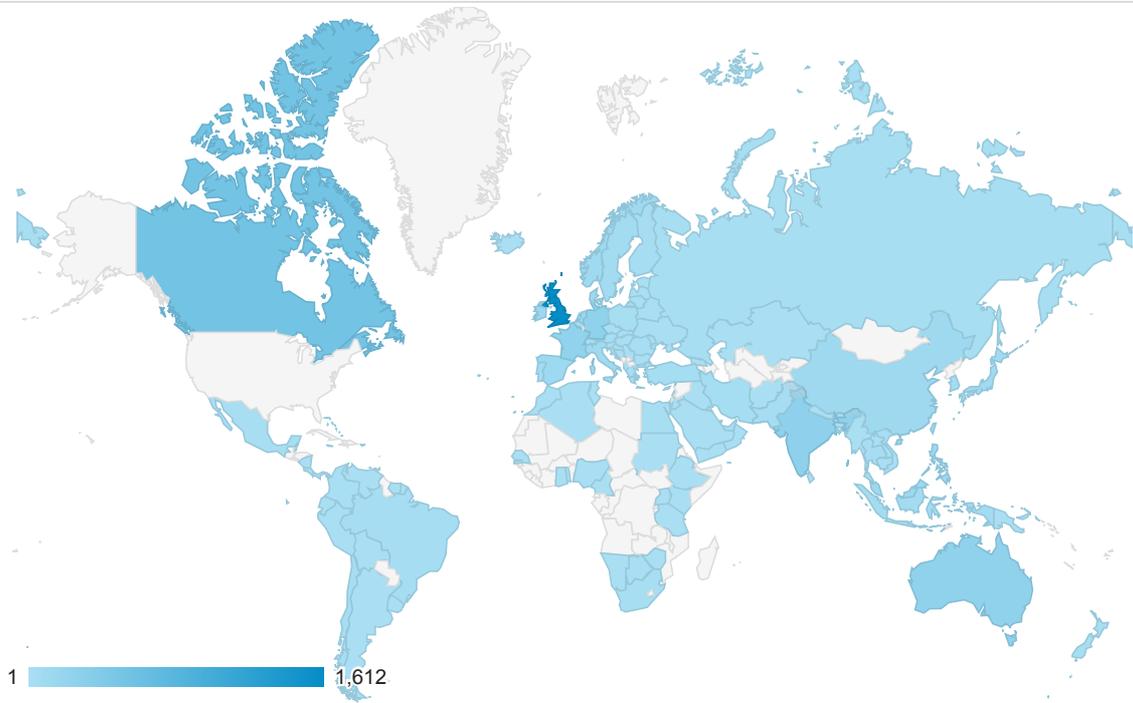
Visits and % New Visits



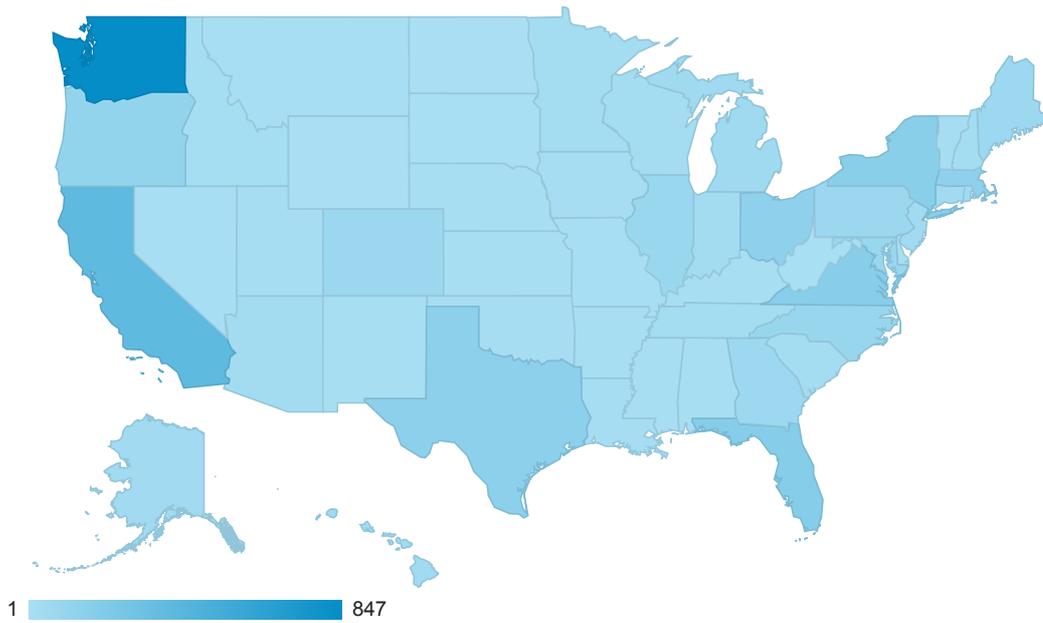
Pages / Visit and Avg. Visit Duration



Visits Per Country (excluding the U.S.)



Visits Per State



Visits and Bounce Rate by Source / Medium

Source / Medium	Sessions	Bounce Rate
google / organic	7,500	78.08%
(direct) / (none)	1,180	66.95%
bing / organic	169	81.07%
yahoo / organic	139	82.73%
www1.eere.energy.gov / referral	76	48.68%
en.wikipedia.org / referral	73	57.53%
en.openei.org / referral	59	45.76%
facebook.com / referral	36	75.00%
google.com / referral	30	70.00%
ask / organic	28	89.29%

Visits and Bounce Rate by Page

Page	Sessions	Bounce Rate
/wiki/index.php/Tethys_Home	1,032	50.39%
/wiki/index.php/Environmental_Effects_of_Tidal_Energy_Development	472	91.31%
/wiki/index.php/Sihwa_Tidal_Power_Plant	244	70.08%
/wiki/index.php/La_Rance_Tidal_Barrage	215	74.42%
/wiki/index.php/Potential_Impact_of_Large-Scale_Tidal_Power_Developments_in_the_Upper_Bay_of_Fundy_on_Fisheries_Resources_of_the_Northwest_Atlantic	194	84.02%
/wiki/index.php/San_Juan_Islands_Tidal_Currents	182	78.57%
/wiki/index.php/Types_of_Offshore_Wind	163	73.01%
/wiki/index.php/Offshore_Windmills_and_the_Effects_of_Electromagnetic_Fields_on_Fish	156	87.18%
/wiki/index.php/Invertebrates	126	69.84%
/wiki/index.php/Jiangxia_Pilot_Tidal_Power_Plant	108	71.30%