

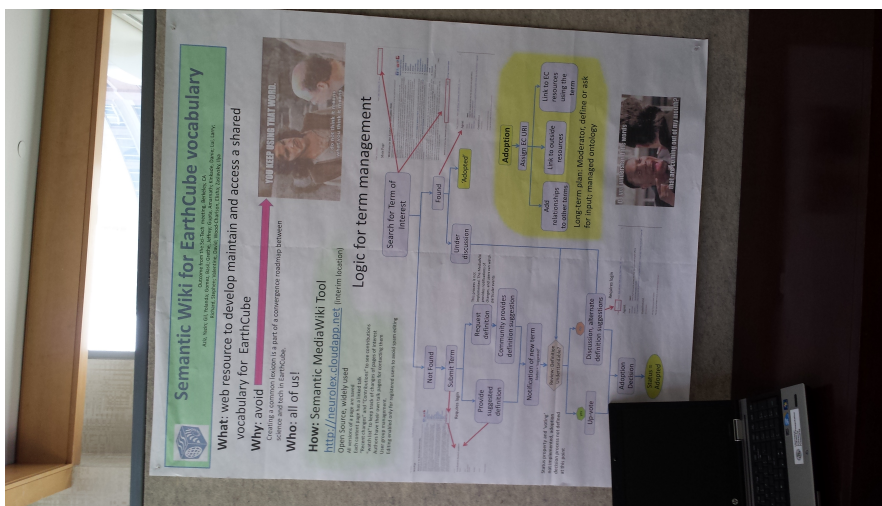
Interesting Resources

1. **Linked Data concept**
2. **Sources and types of semantic heterogeneity** <http://www.mkbergman.com/1782/big-structure-and-data-interoperability/>
3. **Reading Materials:-**
Semantic mediation <http://www.sciencedirect.com/science/article/pii/S0098300411002603#>
Principles of linked data <http://linkeddatabook.com/editions/1.0/>
Lexical Relations: Hyponymy and Homonymy <http://www.ibuzzle.com/articles/lexical-relations-hyponymy-and-homonymy.html>
4. **Related Ontologies:-**
 - (1) SWEET (<http://sweet.jpl.nasa.gov/>)
 - (2) Environmental Ontology (<http://www.environmentontology.org/>)
 - (3) SEAM-LESS (<http://www.seamless-ip.org/>)
 - (4) CUAHSI-HIS ontology (<http://his.cuahsi.org/ontologyfiles.html>)
 - (4) Semantically-Enabled Science Data Integration (<http://tw.rpi.edu/web/project/SESDI>)
 - (5) A part of ontologies in Marine Metadata Interoperability (<https://marinemetadata.org/conventions/ontologies-thesauri>)
 - (6) Semantic Sensor Network Ontology (<https://www.w3.org/2005/Incubator/ssn/ssnx/ssn>)
 - (7) Sensor Web Enablement (SWE) (<http://www.openeospatial.org/ogc/markets-technologies/swe>)
 - (8) Time ontology in OWL (<https://www.w3.org/TR/owl-time/>)

- Ongoing projects on ontology

 - (1) Marine Metadata Interoperability (<https://mmisw.org/orr/>)
 - (2) Linked Open Vocabulary (<http://lov.okfn.org/dataset/lov/>)
 - (3) eReefs (<http://sissvoc.ereefs.info/sissvoc/ereefs/collection>)

- Past NASA projects using Semantic Web (<https://earthdata.nasa.gov/esdswg/technology-infusion/semantic-web/earth-science-data-system-projects-using-semantic-web>)
5. **Related Standards:**
<http://www.w3.org/TR/vocab-data-cube/>
6. **Related Softwares:**
Sagemath <http://www.sagemath.org/doc/reference/calculus/index.html>
OMS <http://www.javaforge.com/project/oms>
Wolframcloud <http://datadrop.wolframcloud.com/>
Tethys platform <http://tethys-platform.readthedocs.org/en/1.0.0/index.html>
DeepDive <http://deepdive.stanford.edu/doc/basics/walkthrough/walkthrough.html>
7. Praveen's update from EC meeting
 - a. <http://www.geosoft-earthcube.org/>
 - b. <http://www.wings-workflows.org/>
 - c. <http://ontosoft.org/software/>
 - d. <http://www.hydroterre.psu.edu/HydroTerre/Help/Ethos.aspx> {There is 400TB of data behind this}
 - e. <http://cinergi.cloudapp.net/>
 - f. <http://schema.geolink.org/>
 - g. http://neurolex.cloudapp.net/wiki/Main_Page



8. EMELI (Experimental Modeling Environment for Linking and Interoperability)
 - a. paper: http://academicworks.cuny.edu/cgi/viewcontent.cgi?article=1463&context=cc_conf_hic
 - b. code: <https://github.com/peckhams/topoflow/tree/master/topoflow/framework>