GIS and Data Curation Librarianship: Mobile Dissemination of GIS Resources

Benjamin D. Branch  
*Purdue University*, bdbranch@gmail.com

Nicole Kong  
*Purdue University*, kongn@purdue.edu

Michael Fosmire  
*Purdue University*, fosmire@purdue.edu

Antti M. Rousi  
*Aalto University*, antti.m.rousiaalto.fi

Follow this and additional works at: [http://docs.lib.purdue.edu/lib_fspres](http://docs.lib.purdue.edu/lib_fspres)  
Part of the [Educational Assessment, Evaluation, and Research Commons](http://docs.lib.purdue.edu/lib_fspres) and the [Library and Information Science Commons](http://docs.lib.purdue.edu/lib_fspres)

**Recommended Citation**  
Branch, Benjamin D.; Kong, Nicole; Fosmire, Michael; and Rousi, Antti M., "GIS and Data Curation Librarianship: Mobile Dissemination of GIS Resources" (2013). *Libraries Faculty and Staff Presentations*. Paper 72.  
[http://docs.lib.purdue.edu/lib_fspres/72](http://docs.lib.purdue.edu/lib_fspres/72)

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
GIS and Data Curation Librarianship: Mobile dissemination of GIS resources
Authors: Benjamin Branch, Nicole Kong, Michael Fosmire, Antti M. Rousi

Abstract- The Purdue University Libraries’ GIS department is working to advance geospatial services campus wide. In addition to conducting data curation profiles research in an IRB approved manner, we aim to validate new ways and means to make GIS services viable for large and diverse student and faculty community of over 40,000 students, all departments and along interdisciplinary boundaries. Here is a prototype of our mobile dissemination GIS of services and development in collaboration with Aalto University Library. Here, we discuss in a 3-fold manner how the GIS Dept. has prototyped a means of mobile GIS knowledge dissemination towards the development of library-led campus wide geospatial data services for future considerations. Such may offer timely and low cost data navigation of GIS resources using one’s smartphone or tablet device.

Making a Virtual collection for separate physical library resources
Library Logistics – Too often library materials, books, prints, media are in a distributed manner all over a campus of a university. Hence, this interface allows a virtual collection and referencing system that leads to all physical geospatial resources via our Wiki prototype that is fully accessible via smartphone use at a low or negligible cost. Here, one may see our resources on geospatial issues in separate areas. We are working on a prototype site that implements a Pathfinder approach of geospatial resources.

Separate physical geospatial resources located in different Purdue University Libraries

Geospatial resources in Earth Atmospheric and Planetary Sciences Library

Assembled into a unified virtual collection. Searchable through Pathfinder.

The concept of Pathfinder was development in the 1960 by Patricia Knapp*. Its purpose is to assist and direct patrons to the appropriate library resources. In our case, we are working to prototype a mobile device capacity to our Pathfinder implementation of geospatial resources.

References