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Purdue Libraries Publishing Services: The Domino Effect of Repository-Based Publishing, Outreach, and Promotion

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PURDUE LIBRARIES PUBLISHING SERVICES

THE DOMINO EFFECT OF REPOSITORY-BASED PUBLISHING, OUTREACH, AND PROMOTION

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August 03, 2012

PURDUE
UNIVERSITY
LIBRARIES

AGENDA/TOPICS

ISSUES

FACING THE ISSUES: LIBRARY BASED PUBLISHING SERVICES

DIVERSITY OF SERVICES

SPECTRUM OF PRODUCTS

JOINT TRANSPORTATION RESEARCH PROGRAM

OUTCOMES

PROMOTION & OUTREACH

FUTURE

TECHNICAL REPORTS: THE ISSUES

1. Bibliographic Inconsistencies
2. Citation Issues
3. Publishing Process Issues
4. Standards of Quality for Publication
5. Issues of Quantity
 - USDOT \$180M pa in State Planning Research (SPR) and University Transportation Centers (UTC)
6. Lack of Best Practices
7. Lack of Catalog Uniformity
8. Accessibility & Comprehensiveness
 - Not leveraging trends in open access
6. Lack of Integration of Technical and Scholarly Research

ULTIMATELY LEADS TO DUPLICATIVE RESEARCH ACTIVITIES AND INEFFICIENT INVESTMENT OF RESEARCH FUNDS

LIBRARIES PUBLISHING SERVICES

PART OF A LARGER PICTURE OF LIBRARIES EMPHASIZING SERVICES OVER COLLECTIONS

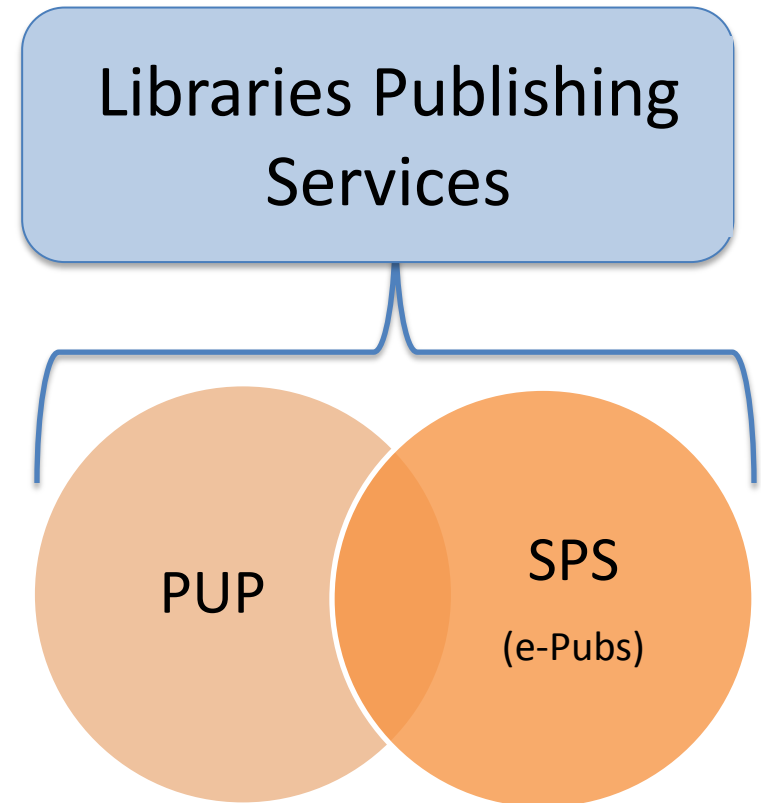
2005 – Beginning of Joint Digital Publishing Program

2012 – Creation of Purdue Libraries Publishing Services

WHY MAKE THIS CHANGE?

1. To better support **changing scholarly communication needs** of faculty, staff, and students at Purdue University.
2. To more clearly **articulate the difference between informal and formal publication**, and protect the Purdue University Press brand.
3. To **better leverage human and technical infrastructure** related to publishing activities within the libraries.

Informed by our research into what other libraries are doing, through the “Library Publishing Services: Strategies for Success” project





THE SERVICES WE OFFER
PUBLISHING
OUTREACH

PUBLISHING & OUTREACH SERVICES

PUBLISHING

XML production workflow management

Peer review management

DOI registration – 

Copy-editing services

Typesetting of final version

Print on Demand Service – 

OUTREACH

Library-based metadata management

OAI indexing

Digitization

Repository Statistics

Google Analytics 

PART OF A LARGER PICTURE OF LIBRARIES EMPHASIZING SERVICES OVER COLLECTIONS

WHAT WE OFFER

BETTER ARTICULATION OF PRODUCT OFFERINGS ACROSS CONTINUUM

Two Imprints,

“Purdue University Press” - branded; peer-reviewed; books and journals aligned with Purdue mission

“Scholarly Publishing Services” - “white label,” less formal, tech reports, conferences, journals

PUP = primarily cost recovery through sales; SPS = primarily cost recovery through subsidies

PURDUE UNIVERSITY PRESS

BOOKS

JOURNALS

TECHNICAL
REPORTS

CONFERENCE
PROCEEDINGS

PRE- and
POST-PRINT
COLLECTIONS

SPS / PURDUE E-PUBS

JOINT TRANSPORTATION RESEARCH PROGRAM

- Partnership dates back to 1937
- Renamed JTRP in 1997
- 2006 – Partnership with Libraries began in 2009 – Initial partnership of 360 reports dating from 1990 – 2008
- Technical staff could export parts of JTRP databases to prepare descriptive metadata for Purdue e-Pubs deposit
- 2010 - digitization of reports from 1956 – 2010
- 2011 – Digitization of 1,118 reports completed

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OUTCOMES: TRB PAPER No: 12-0872

http://docs.lib.purdue.edu/lib_research/146/

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Purdue e-Pubs

Libraries Research Publications

Purdue Libraries

11-15-2011

Engaging New Partners in Transportation Research: Integrating Publishing, Archiving, and Indexing of Technical Literature into the Research Process

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Newton, Mark P.; Bullock, Darcy M.; Watkinson, Charles; Bracke, Paul J.; and Horton, Deborah K., "Engaging New Partners in Transportation Research: Integrating Publishing, Archiving, and Indexing of Technical Literature into the Research Process" (2011). *Libraries Research Publications*. Paper 146. http://docs.lib.purdue.edu/lib_research/146


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JTRP

Engaging New Partners in Transportation Research: Integrating Publishing, Archiving, and Indexing of Technical Literature into the Research Process

Mark Newton, Darcy M. Bullock, Charles Watkinson, Paul J. Bracke, and Deborah K. Horton



PURDUE UNIVERSITY

Paper No. 12-0872

Problem Statement

The United States Department of Transportation (USDOT) receives approximately 8,000 technical reports annually in State Planning and Research (SPR) and University Transportation Centers (UTCs). This investment generates an extensive synthesis of technical report gray literature that is not uniformly cataloged or comprehensively accessible. The production of technical reports today is not yet done in a way that:

- 1) incorporates best practices in digital publishing,
- 2) integrates the technical and scholarly research literature, and
- 3) leverages traditional, open access trends, and new scholarly communication services.

Background

GAO
A May 2001 Government Accounting Office (GAO) report entitled "Information Management: Dissemination of Technical Reports" speaks directly to these challenges.

- It notes that in 2001 the National Technical Information Service (NTIS) retained a print repository of approximately 2.2 million reports.
- Between 1999 and 2001, 147,735 of a 1.8 million reports, or 79% of its holdings.

The GAO report further details comprehensive technical report deposit policies.


Professional Librarian Leads
The professional librarianship members of the National User Reports: a 2008 article from 77 "Kaiser Family Foundation" funded Technical Report User Librarians in technical report distribution issues.

Public Administrator
During a National USDOT USA Program on October 27, 2011 Mendez explicitly cited the role reduce the duplication of one table research results.

Formalizing Technical Report Production and Dissemination

Objective
Leverage well established editorial and library/archives processes to address dissemination challenge identified by GAO
•Professional Librarian Literature
•HWWA






JTRP

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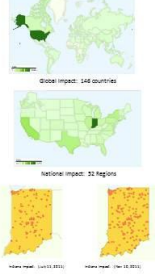
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Paper No. 12-0872

Digital Collection Development




Global, National, & Local Access



Download Statistics

Report Title	Year	Downloads	Accessed by
1. Statewide Water Pollution Control Program	1995	108	108
2. Statewide Water Pollution Control Program	1996	108	108
3. Statewide Water Pollution Control Program	1997	108	108
4. Statewide Water Pollution Control Program	1998	108	108
5. Statewide Water Pollution Control Program	1999	108	108
6. Statewide Water Pollution Control Program	2000	108	108
7. Statewide Water Pollution Control Program	2001	108	108
8. Statewide Water Pollution Control Program	2002	108	108
9. Statewide Water Pollution Control Program	2003	108	108
10. Statewide Water Pollution Control Program	2004	108	108
11. Statewide Water Pollution Control Program	2005	108	108
12. Statewide Water Pollution Control Program	2006	108	108
13. Statewide Water Pollution Control Program	2007	108	108
14. Statewide Water Pollution Control Program	2008	108	108
15. Statewide Water Pollution Control Program	2009	108	108
16. Statewide Water Pollution Control Program	2010	108	108
17. Statewide Water Pollution Control Program	2011	108	108

Emerging Opportunity with Data Sets



Concluding Message
Adoption of professional publishing practices and library expertise in information access has immediate tangible benefits for the technical report process, including:

- Modernization of processes by using digital repository technologies increases discoverability of reports
- Integrating academic research sources and press partners into the technical report production process improves consistency and rapid adoption of best practices in scholarly publishing
- Improving dissemination and discoverability of transportation research complements national and state initiatives to reduce research duplication and increase return on investment.

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PROMOTION IN FURTHER CONTENT

FROM ONE SERIES TO ONE COMMUNITY

JTRP: Data Papers

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JTRP DATA PAPERS

JTRP Data Papers from 2011

- Dataset for Investigating Computational Efficiency of Alternative Arterial Offset Optimization Algorithms, Christopher M. Day and Darcy M. Bullock

JTRP Data Papers from 2010

- Citizen Band (CB) Radio Communication Consenting on Indiana State Police Enforcement Activity, Alex M. Hainen, Steve M. Rambois, George H. Goble, Jason S. Wasson, and Darcy M. Bullock

JTRP: Other Publications

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Access. Knowledge. Beyond.

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JTRP: OTHER PUBLICATIONS AND REPORTS

Submissions from 2012

- Implementation of Limit States and Load and Resistance Design of MSE Walls (SPR-332), Rodrigo Salgado, Monica Prezzi, and He Zaher

Submissions from 2011

- Construction of MSE Wall Using Tire Shred-paved Mixtures as Backfill (SPR-347), Monica Prezzi and Varsha Kumar Shivara-Nathan

Submissions from 2009

- Total Storm Management Manual, Indiana Department of Transportation

Submissions from 2008

Purdue Road School

PURDUE UNIVERSITY Purdue Road School

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Indiana LTAP
Indiana Department of Transportation (INDOT)

Purdue Road School

In January 1913, W. K. Hott, head of the School of Civil Engineering issued a call for a Civil Engineering Conference to cover the needs of county surveyors and city engineers. Roads and streets were heavily involved. A similar conference was held in 1914 at which a resolution was passed which called for a provision in the laws of Indiana that there be a year's School of Good Roads. In 1910 the name of the Civil Engineering Conference was changed to the Purdue Road School.

The Purdue Road School consistently attracts over 2,000 Indiana local and state officials, consultants, and suppliers each year. An all-time record of 2,109 attendees was set in 2011! Important updates on pertinent transportation issues, as well as sessions on topics of general interest, are provided in the two-day conference. Road School also hosts regional meetings of several affiliated professional groups, such as the County Surveyors Association and the Indiana Chapter of the Institute of Transportation Engineers.

Browse the contents of Purdue Road School:
[Purdue Road School 2011](#)

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Hosting Repository Designation (2011-)

FUTURE PLANS

EXPANSION OF COLLECTION

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2011 Indiana Interstate Mobility Report

Summary Version

INDIANA MOBILITY REPORTS

Indiana is a vital component of our national transportation system. Within 500 miles of Indianapolis, and 65% of the U.S. interstate system includes more than 1,100 centerline miles traveled (approximately 16 billion vehicle-miles in 2009).

Indiana Department of Transportation (INDOT) roadway performance reports for an annual mobility report jointly produced by INDOT and the University of Indiana. The reports describe the current state of the interstate system is performing, where opportunities lie for future investment in congestion when new infrastructure investments are made. The report will be expanded to include additional Indiana roads.

Stephen Remias, Thomas Brennan, Gannon Grimmer, Edward Cox, Deborah Horton, Darcy Bullock

PURDUE UNIVERSITY **JTRP** **INDIANA DEPARTMENT OF TRANSPORTATION**

EXPANSION OF SERVICES



Altmetric

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FUTURE PLANS CONT'D



**NEW FACULTY ORIENTATION
AUGUST 17, 2012**



COMMENTS/QUESTIONS?

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