

Collection Types and Staffing Arrangements: Exploring Purdue e-Pubs

Presentation at Butler University IR Day

March 17, 2011: Mark Newton, Purdue Libraries

Overview

- ✱ Context: Purdue Libraries and its digital repository program
- ✱ General overview of approaches used to populate collections
- ✱ Closer look at some specific collections and the staffing profiles to get them online

Purdue University: Context

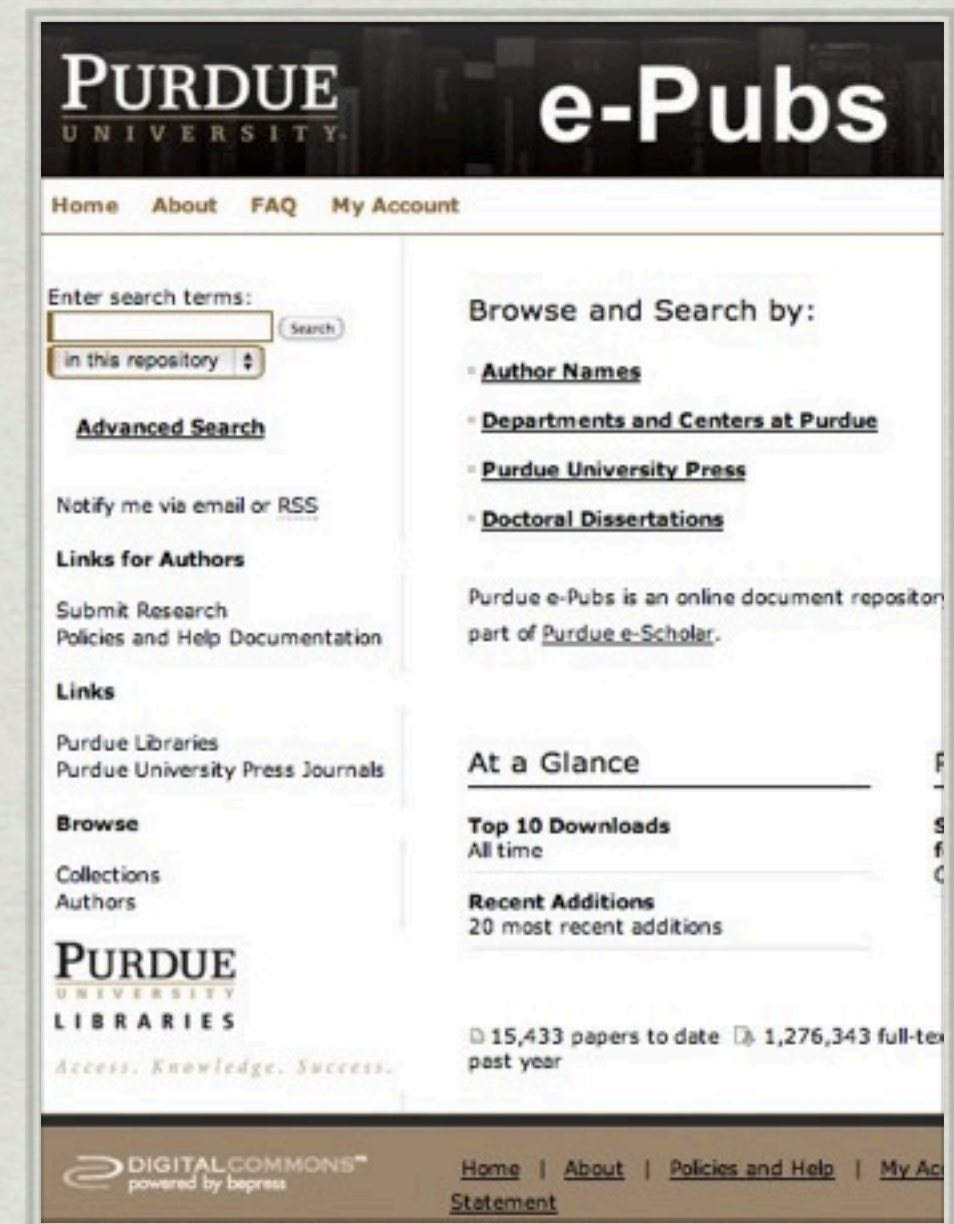
- ✱ West Lafayette, Indiana
- ✱ ~38K students, ~1.8K faculty
- ✱ A public, “land grant” institution
- ✱ Strengths in science, technology, agriculture, and engineering
- ✱ ARL library with 12 subject-oriented Libraries + units
- ✱ University Press and Copyright Office—units of the Libraries



Purdue e-Pubs: Digital Repository

<http://docs.lib.purdue.edu/>

- ✱ Purdue e-Pubs:
Purdue University Scholarship Online
- ✱ Article Postprints
- ✱ Graduate Theses and Directed Projects
- ✱ Technical Reports and Working Papers
- ✱ Extension Documents
- ✱ Original Publications
(through Purdue Univ Press)
- ✱ Other Purdue-affiliated content



Purdue e-Pubs: Key Components

- ✱ Digital Commons: Hosted platform for repository and publishing (Libraries & Press)
- ✱ Repository Staff
 - ✱ Digital Collections Librarian (Asst. Prof)
 - ✱ Some variable library staff assistance
- ✱ Purdue e-Pubs License Language

Purdue e-Pubs: Scope & Activity

Opening self-deposit/
mediated deposit
collections through the
liaisons

Arranging for transfer of
Purdue-affiliated content

Identifying unique content

Expanding access to
conference materials

Extensive internal
collaboration with Purdue
University Press to
leverage interest in
publishing opportunities

Purdue e-Pubs: Collection Types

Self-deposit article collections

- ✳ Liaisons and Department Administration
- ✳ Typically need a collection 'gatekeeper' from the sponsoring department
- ✳ Article PDFs and manuscript postprints -- some bibliographic data only as well



Purdue e-Pubs: Collection Types

Mediated-deposit article collections

- ✱ Liaisons and Department Administration
- ✱ Policy-driven decision making from the faculty
- ✱ Librarians to do bibliography building, rights checking, batch deposit configuring

Preparing Batch Deposits for Digital Commons Repositories

Michael Witt, *Purdue University*

Mark P. Newton, *Purdue University*

Abstract

This tutorial demonstrates how to perform a batch upload into a Digital Commons institutional repository by exporting the citations and attachments from an EndNote library to XML, using an XSLT stylesheet to convert it to the Digital Commons ingest package format, and then finally performing a batch upload. The tutorial can be downloaded as a Microsoft Windows executable (dcbatchtut.exe) or a Macromedia Flash file (dcbatchtut.swf). A stylesheet from the demonstration is also included (transform.xsl) as well as the input and output data files (demofiles.zip).

Keywords

Digital Commons, batch deposits, digital repositories, institutional repositories, repository management, EndNote

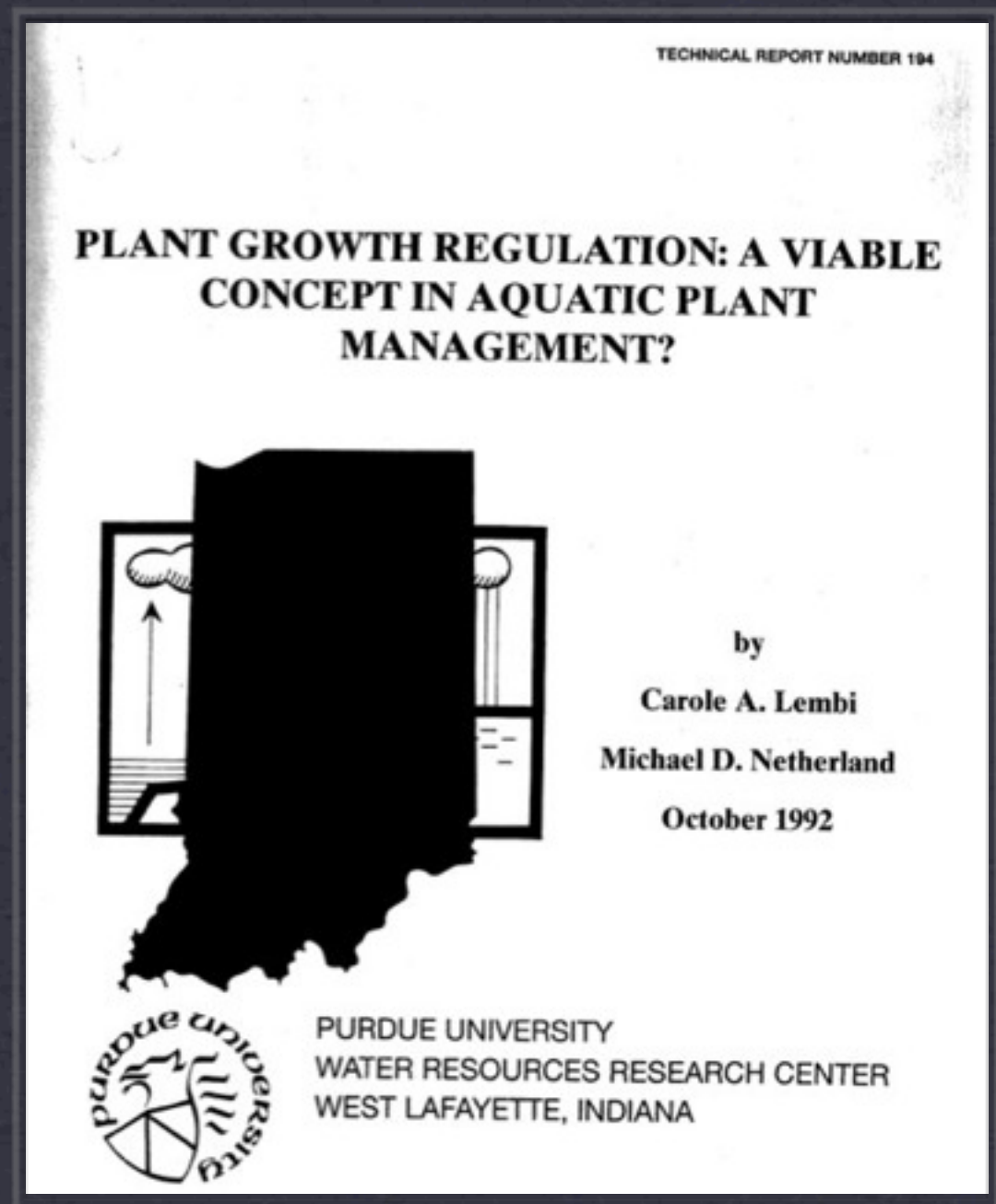
Date of this Version

September 2008



Beyond the Postprint

digital access to university
affiliated content

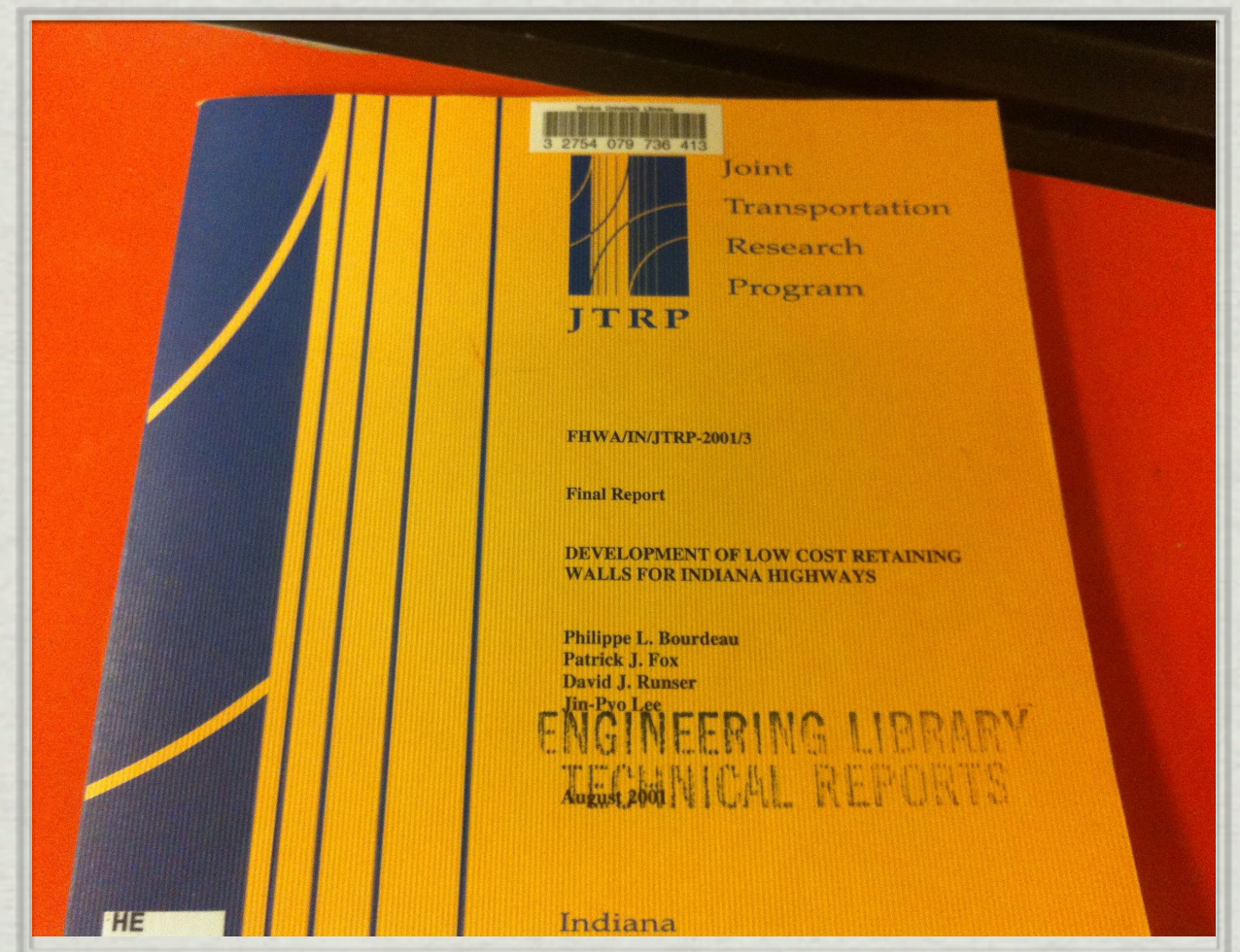


Campus Publications / Gray Literature

- * Technical Reports & Working Papers
- * Collaboration with the Press helpful to identify opportunity and articulate value

Our communities better understand the repository in the context of scholarly publishing

- * Copyright challenges



University-Affiliated Events

- ✱ Digital Commons conferences module
- ✱ Trial-run with IATUL Library Conference
- ✱ Integrated approach library/press with Purdue Conferences

The screenshot shows the Purdue University IATUL 31st Annual Conference website. The header includes the Purdue University logo and the IATUL logo. The main title is "31st Annual IATUL Conference" with the subtitle "International Association of Scientific and Technological University Libraries". The navigation bar includes links for Home, About, FAQ, and My Account. The left sidebar contains a search bar, a search button, a dropdown menu for "in this repository", and links for Advanced Search, Notify me via email or RSS, Links for Authors, Author FAQ, Links, IATUL 2010 Conference Site, and Browse (Collections, Disciplines, Authors). The main content area shows the breadcrumb "Home > Libraries > IATUL 2010 > Papers > Day 1" and the title "CONFERENCE DAY 1, JUNE 21, MONDAY". Below this, a note states that documents will be presented on June 21, 2010, in parallel paper presentation sessions, and refers to the official IATUL 2010 conference program. The "Schedule" section for "2010" and "Monday, June 21st" lists three sessions:

Time	Topic	Speaker	Location	Time Range
8:45 AM	<u>Remarks before the IATUL</u>	Arden L. Bement, Purdue University	Forney Hall (FRNY) G140	8:45 AM - 9:15 AM
9:15 AM	<u>Ensuring the integrity, accessibility, and stewardship of research data in the digital age</u>	Daniel Kleppner, Massachusetts Institute of Technology	Forney Hall (FRNY) G140	9:15 AM - 9:45 AM
10:45 AM	<u>Covering the last mile: developing e-science data services with liaison librarians</u>	Tracy A. Galbridge, Massachusetts Institute of Technology	Forney Hall (FRNY) G140	10:45 AM - 12:00 PM

The screenshot displays the Purdue University e-Pubs website. The header features the Purdue University logo and the text "e-Pubs". Below the header is a navigation bar with links: Home, About, FAQ, and My Account. The main content area shows a breadcrumb trail: Home > DP > NANO > PRISM. The title of the page is "PRISM: NNSA CENTER FOR PREDICTION OF RELIABILITY, INTEGRITY AND SURVIVABILITY OF MICROSYSTEMS". Below the title, there is a section titled "Documents from 2010" which lists several publications with their titles and authors. On the left side of the page, there is a search bar with the text "Enter search terms:" and a "Search" button. Below the search bar, there is a dropdown menu labeled "in this series" and a link to "Advanced Search". Further down, there is a section for "Links for Authors" with a link to "Policies and Help Documentation". At the bottom of the left sidebar, there is a "Browse" section with links to "Collections" and "Authors". The Purdue University Libraries logo is also visible at the bottom left.

KEY CONCEPTS

- Strong Liaison Relationship
- Response to Faculty Needs
- Issue of Admin Turnover
- Education on Key IR Issues (e.g., Open Access) critical
- Interest in established online presence

STAFFING PROFILE

- Department Admin
- Liaison Intermediary
- Additional Support and consulting from Repository Librarian

POSTPRINT COLLECTION (RESEARCH CENTERS)

PURDUE E-PUBS: CASE 1

ECE TECHNICAL REPORTS

Technical reports published by the School of Electrical and Computer Engineering from the College of Engineering at Purdue University.

Technical Reports from 2011

TR-ECE-11-01, Kent Mixture Model for Hyperspectral Clustering via Cosine Pixel Coordinates on Spherical Manifolds, Dalton Lunga and Okan Ersoy

TR-ECE-11-02, Dissecting Video Server Selection Strategies in the YouTube CDN, Ruben Torres, Alessandro Finamore, Jesse Kim, Marco Mellia, Maurizio M. Munafo, and Sanjay Rao

TR-ECE-11-03, Locality-enhancing loop transformations for parallel tree traversal algorithms, Youngjoon Jo and Milind Kulkarni

TR-ECE-11-04, A Complexity-Reduced H-Matrix Based Direct Integral Equation Solver with Prescribed Accuracy for Large-Scale Electrodynamics Analysis, Wenwen Chai and Dan Jiao

TR-ECE-11-05, Dense Matrix Inversion of Linear Complexity for Integral-Equation Based Large-Scale 3-D Capacitance Extraction, Wenwen Chai and Dan Jiao

Technical Reports from 2010

TR-ECE-06-05, Designing an Efficient Retransmission Scheme for Wireless LANs: Theory and Implementation, Dimitrios Koutsonikolas, Chih-Chun Wang, Y Charlie Hu, and Ness Shroff

KEY CONCEPTS

- Strong Demand for Grey Literature Online
- Responding to Library Interest in Unique Assets
- Founding a Base in the Repository for Campus Publishing Services

STAFFING PROFILE

- Department Admin
- Repository Librarian support as necessary

ONGOING TECHNICAL REPORT SERIES

PURDUE E-PUBS: CASE 2



KEY CONCEPTS

- Reiterate value
 - Exposure for Grey Lit
 - Library as digital archive of record
- Look for value-adds: enhanced metadata, OCR
- Permissioning archives may present unexpected challenges

STAFFING PROFILE

- Repository librarian to 'project manage' and provide technical assistance
- Departmental contacts
- Staff assistance to compile deposit and error check

CAMPUS PUBLICATION ARCHIVES (JTRP)

PURDUE E-PUBS: CASE 3

The screenshot displays the Purdue University e-Pubs website. The header features the 'PURDUE UNIVERSITY' logo and the 'e-Pubs' title. A navigation bar includes links for Home, About, FAQ, and My Account. On the left sidebar, there is a search bar with the text 'Enter search terms:', a 'Search' button, and a dropdown menu for 'in this series'. Below this is an 'Advanced Search' link. Further down, there are links for 'Notify me via email or RSS', 'Links for Authors', 'Policies and Help Documentation', and a 'Links' section with links to 'Purdue Libraries', 'Purdue University Press Journals', and 'Arabidopsis Growth Methods Website'. A 'Browse' section follows with links for 'Collections' and 'Authors'. At the bottom of the sidebar is the 'PURDUE UNIVERSITY LIBRARIES' logo and the tagline 'Access. Knowledge. Success.'.

The main content area shows a breadcrumb trail: [Home](#) > [Ag](#) > [HLA](#) > [Greenhouse](#) > [Arabidopsis Growth Methods](#). Below this is a graphic for '101 Ways to Grow Arabidopsis' and the title 'PURDUE METHODS FOR ARABIDOPSIS GROWTH'. The text describes the collection: 'The documents in this collection have been assembled from material that was originally posted to the Web site of the Plant Growth Facility of the Department of Horticulture & Landscape Architecture in the College of Agriculture at Purdue University. Each document addresses a separate issue pertaining to the Purdue methods for Arabidopsis growth used in the facility, or greenhouse. A summary of the methods, a guide to the materials, and a list of relevant references are available here as separate documents. These documents have been prepared by Robert Eddy (robbeddy@purdue.edu), the Plant Growth Facilities manager.'

There are two sections of manuscripts listed:

- Manuscripts from 2010**
 - [101 Ways to Try to Grow Arabidopsis: INSV—Your Worst Arabidopsis Nightmare?](#), Robert Eddy and Daniel T. Hahn
 - [Purdue Methods: How Do I Prevent Calcined Clay from Leaking out of Container?](#), Justin Kottkamp, Tyler Mason, Robert Eddy, and Daniel T. Hahn
- Manuscripts from 2008**
 - [101 Ways to Try to Grow Arabidopsis: Can a Greenhouse Bench or Shelf Be Air-Conditioned?](#), Robert Eddy and Daniel T. Hahn
 - [101 Ways to Try to Grow Arabidopsis: Can a Soilless Mix Be Augmented to Improve Growth?](#), Robert Eddy and Daniel T. Hahn

KEY CONCEPTS

- Remain alert to unexpected opportunities and stakeholders
- Be responsive to emerging needs
- Non-faculty outputs can raise awareness of scholarly communication services

STAFFING PROFILE

- Content creator adapted all content
- Repository librarian to communicate directly with content creator and to manage batch uploads

ORIGINAL CONTENT (GREENHOUSE METHODS)

PURDUE E-PUBS: CASE 4

With thanks

Mark Newton

Digital Collections Librarian

Assistant Professor, Purdue University Libraries

765-494-8511

newton@purdue.edu

SPECIAL THANKS TO CHARLES WATKINSON, DIRECTOR, PURDUE UNIVERSITY PRESS