

11-3-2014

Preservation Policies of the Purdue University Research Repository (PURR)

Lisa Zilinski

Purdue University, ldz@andrew.cmu.edu

Follow this and additional works at: http://docs.lib.purdue.edu/lib_fspress



Part of the [Scholarly Publishing Commons](#)

Recommended Citation

Zilinski, L. (2014) "Preservation Policies of the Purdue University Research Repository (PURR)" [invited panel] 77th ASIS&T Annual Meeting 2014, Seattle, WA.

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.

PRESERVATION POLICIES OF THE PURDUE UNIVERSITY RESEARCH REPOSITORY (PURR)

[PANEL] TRANSFORMING THE DATA LANDSCAPE:
CONNECTING DATA, POLICIES, AND COMMUNITIES

Lisa Zilinski @l_zilinski

Data Specialist, Assistant Professor of Library Science, Purdue University

November 3, 20114

CONNECTING
COLLECTIONS,
CULTURES, AND
COMMUNITIES



77TH ASIS&T
ANNUAL MEETING

October 31 – November 5, 2014
Sheraton Seattle Hotel, Seattle, WA

PURDUE
UNIVERSITY
LIBRARIES

A SERVICE MODEL OF COLLABORATION

Purdue e-Pubs and the Purdue University Research Repository (PURR)

Publications

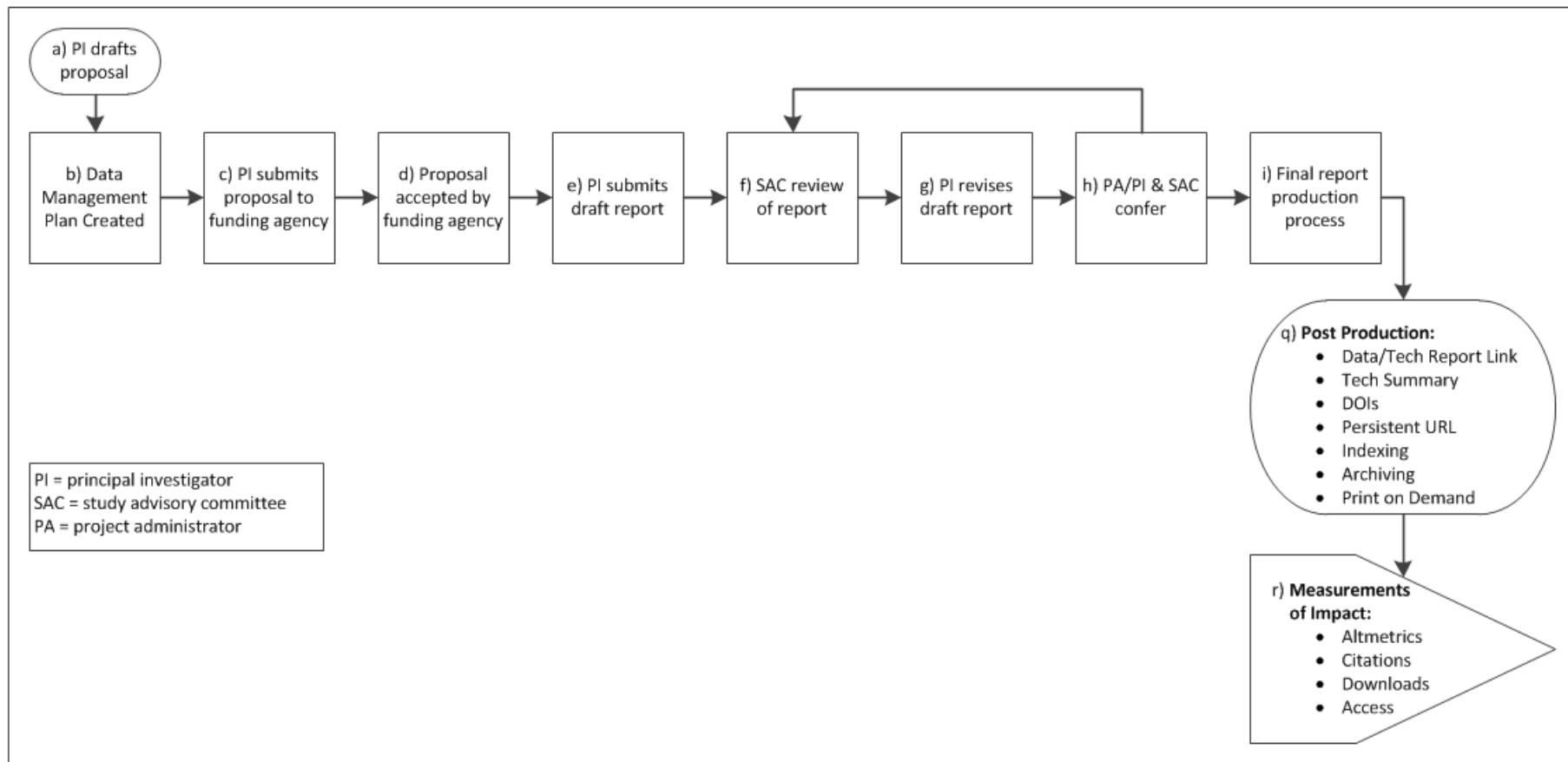
The screenshot shows the Purdue e-Pubs website. At the top, it features the Purdue University logo and the text "e-Pubs". Below this is a navigation menu with "Home", "About", "FAQ", and "My Account". A search bar is present with the text "Enter search terms:" and a "Search" button. There are also links for "Advanced Search" and "Notify me via email or RSS". A section titled "Links for Authors" includes "Submit Research Policies and Help Documentation" and "Author Addendum". A "Browse" section lists "Collections", "Disciplines", and "Authors". A central graphic shows a circular chart with the text "Explore works in 450 disciplines". Below this is a "View Larger" link. A "Paper of the Day" section highlights the "Absolute measurement of hadronic branching fractions of the D-s(+) meson" by J. P. Alexander, K. Berkelman, et al. At the bottom, statistics show "31,736 papers to date", "5,445,615 full-text downloads to date", and "2,339,540 downloads in the past year". The footer includes the Digital Commons logo and navigation links.

Data

The screenshot shows the Purdue University Research Repository (PURR) website. At the top, it features the Purdue University logo and the text "Purdue University Research Repository". Below this is a navigation menu with "Home", "Publications", "Projects", "Get Started", "Policies", and "Contact Us". A search bar is present with the text "Search". A video player is embedded with the title "What is PURR?" and a "Play Video" button. Below the video player are three main sections: "Start Your Research Project", "Featured Dataset", and "Do you have a question?". The "Start Your Research Project" section includes "Create a Data Management Plan", "Upload Research Data to Your Project", and "Publish your Dataset". The "Featured Dataset" section highlights "Linking Pressure and Saturation through Interfacial Areas in Porous Media" by V. Niasar, S. Hassanizadeh, L. Pyrak-Nolte, C. Berentsen, Purdue University, University of Utrecht. The "Do you have a question?" section includes an "Ask a Librarian" form. The footer includes navigation links and copyright information: "Copyright © 2013 Purdue University. All Rights Reserved. Powered by HUBzero® a Purdue project".

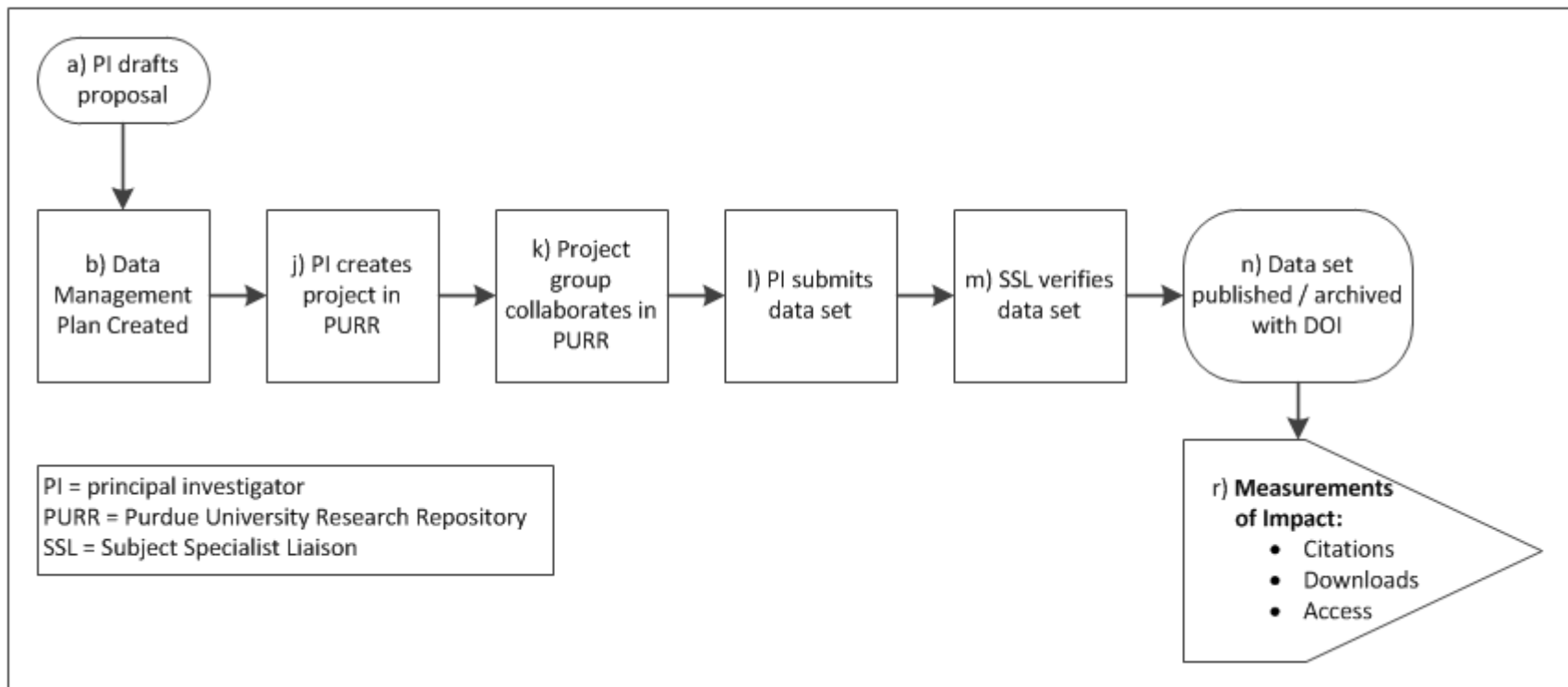
TRADITIONAL SCHOLARLY PUBLICATIONS

PURDUE UNIVERSITY PRESS/PURDUE E-PUBS/JTRP

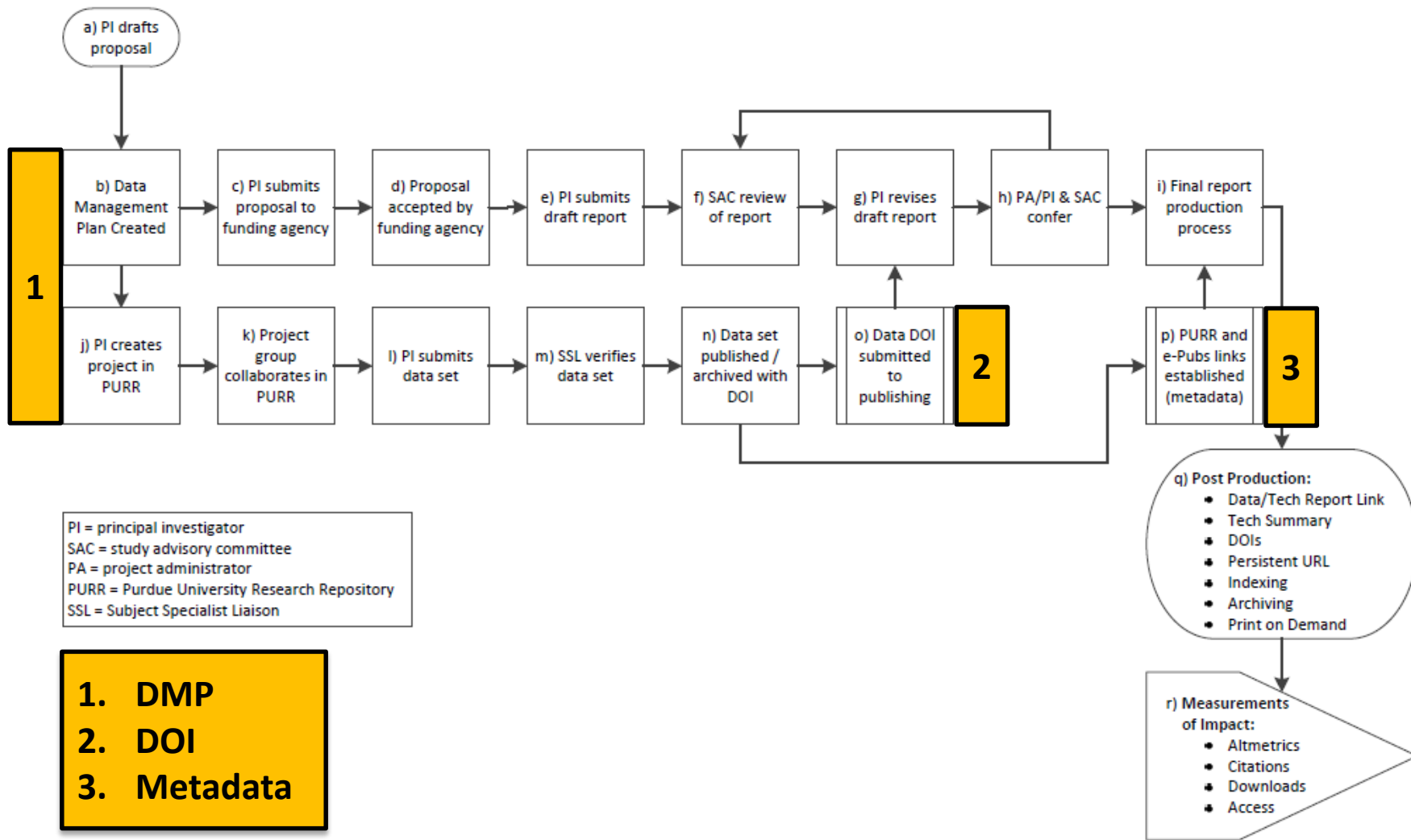


PURR WORKFLOW

DATA MANAGEMENT PLANNING , COLLABORATION, PUBLISHING, & PRESERVATION



COHESIVE PUBLICATION WORKFLOW



JTRP LINKED PUBLICATIONS

TECHNICAL REPORT

- Varma, A. H. and Y. Sohn, "[Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges](#)," Publication FHWA/IN/JTRP-2013/03, Joint Transportation Research Program, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2013. (DOI: [10.5703/1288284315184](#)).

DATA

- Amit Varma, Youngmoo Sohn, (2013), "ADJUSTING FORCE - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3SF2MC0W](#))
- Amit Varma, Youngmoo Sohn, (2013), "DAMAGED GIRDER - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3X63B541](#))
- Amit Varma, Youngmoo Sohn, (2013), "FORCE SYSTEM 1 - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3NS0KX8Z](#))
- Amit Varma, Youngmoo Sohn, (2013), "FORCE SYSTEM 2 - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3J09W45G](#))
- Amit Varma, Youngmoo Sohn, (2013), "FORCE SYSTEM 3 - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D30Z70W9F](#))
- Amit Varma, Youngmoo Sohn, (2013), "N-1 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3W66984S](#))
- Amit Varma, Youngmoo Sohn, (2013), "N-2 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D38G8FH7Z](#))
- Amit Varma, Youngmoo Sohn, (2013), "S-1 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3RJ48V2G](#))
- Amit Varma, Youngmoo Sohn, (2013), "S-2 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D34Q7QQ3T](#))
- Amit Varma, Youngmoo Sohn, (2013), "TEMPERATURE - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3D795B1Q](#))

LINKING DATA

PURDUE E-PUBS AND PURR



Home About FAQ My Account

Home Publications Projects Get Started Policies Contact Us

Search

You are here: Publications > Datasets > S-1 Span Damage - Supplementary Materials for the ... > About

Enter search terms:

Search

in this series

Advanced Search

Notify me via email or RSS

Links for Authors

Submit Research
Style Guidelines
Policies and Help Documentation

Links

Purdue Libraries
Purdue University Press Journals
Joint Transportation Research
Program
Purdue Road School

Browse

Collections
Disciplines
Authors

PURDUE
UNIVERSITY
LIBRARIES

Access. Knowledge. Success.

Home > JTRPROGRAM > JTRP > 1531



JTRP TECHNICAL REPORTS

Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges

Free Download

SHARE



Altmetric 1

Amit H. Varma, Purdue University

Follow

Youngmoo Sohn, Purdue University

Follow

Recommended Citation

Varma, A. H., and Y. Sohn. *Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges*. Publication FHWA/IN/JTRP-2013/03. Joint Transportation Research Program, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2013. doi: 10.5703/1288284315184.

DOI

10.5703/1288284315184

Comments

Supplementary videos for SPR-3105:

Amit Varma, Youngmoo Sohn, (2013), "S-1 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: [10.4231/D3RJ48V2G](https://doi.org/10.4231/D3RJ48V2G))

PURDUE
UNIVERSITY

Purdue University Research Repository

PURR

Login Register Report a bug

Home Publications Projects Get Started Policies Contact Us

Search

You are here: Publications > Datasets > S-1 Span Damage - Supplementary Materials for the ... > About

S-1 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges

View Publication

Version 1.0 - published on Oct 15, 2013
doi:10.4231/D3RJ48V2G - cite this

Licensed under CC0 1.0 Universal

0 review(s) (Review this)
0 questions (Ask a question)
1 citation(s)

Share

By Amit H. Varma¹, Youngmoo Sohn¹

Purdue University

Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Bridges

Listed in Datasets

About Supporting Docs Versions Reviews Questions Citations

Cite this work Researchers should cite this work as follows:

Amit H. Varma, Youngmoo Sohn, (2013), "S-1 Span Damage - Supplementary Materials for the Report: Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges": (DOI: 10.4231/D3RJ48V2G)

BibTex EndNote

About Supporting Docs Versions Reviews Questions Citations

Citations

Non-affiliated (0) | Affiliated (1)

Affiliated authors

Varma, A. H. and Y. Sohn, "Effects of Realistic Heat Straightening Repair on the Properties and Serviceability of Damaged Steel Beam Bridges," Publication FHWA/IN/JTRP-2013/03, Joint Transportation Research Program, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2013. (DOI: [10.5703/1288284315184](https://doi.org/10.5703/1288284315184)).

BibTex EndNote Electronic paper

PURDUE
UNIVERSITY
LIBRARIES

PURR PRESERVATION POLICY

Purdue University Research Repository

PURR

PURR Digital Preservation Policy

Purdue University Research Repository (PURR) Digital Preservation Policy

Purpose

The Purdue University Research Repository (PURR) serves as Purdue's institutional data repository through providing resources and services to promote the management, dissemination and preservation of research data generated by researchers affiliated with Purdue or in association with Purdue researchers. The Purdue University Libraries is responsible for preserving content in PURR. The Libraries is committed to preserving and maintaining all PURR content for a period of ten years after it is published in PURR. Long-term preservation of PURR content beyond the ten year retention period is subject to the Libraries' selection criteria for long-term retention, pending budget approval for staffing and related resources needed to accomplish this goal.

The following PURR Digital Preservation Policy describes how Purdue University will support sustainable access to digital data sets and related content deposited into PURR. Detailed strategies for preservation activities will be developed in conjunction with this policy. This policy is subject to change as capabilities, standards, best practices and available technologies impact the University's ability to preserve this content. The intended audience for this policy includes faculty, administrators, and students of Purdue University, researchers external to Purdue who are collaborating with Purdue personnel and who want to make use of PURR's services, funders, and users.

The objectives of PURR are:

- to collect, publish and preserve the digital data sets and associated documentation generated by researchers affiliated with Purdue or associated with Purdue's research projects.
- to enable researchers at Purdue to satisfy the requirements of funding agencies in managing, sharing and preserving research data.
- to provide the means for researchers, policy makers, and others to discover and access data sets generated through research done at or in conjunction with Purdue for the long term.
- to provide a sustainable preservation environment where deposited research data are available to support the historical record of research, and accessible for use for contemporary scholarship.

<https://purr.purdue.edu/legal/digitalpreservation>

PURR PRESERVATION STRATEGIES

Purdue University Research Repository

PURR

Preservation Strategies

1. Preservation Strategies

The following preservation acts adhere to the PURR Preservation Strategic Plan's goal of preserving access to digital content so that it remains readable, meaningful, and understandable. Each object that enters the repository will undergo some type of preservation strategy, defined here:

Bit-level Preservation: This is the most basic level of preservation in PURR. Datasets designated for bit-level preservation will undergo file backup, fixity checking, and recognition of file format preservation activities. Datasets will be maintained in a state that provides potential for long-term care and accessibility. Datasets will undergo Bit-level Preservation if the file format is unrecognized or unsustainable, or if Full or Limited Preservation is not possible at the time of ingest. When possible, representation information will be included within object metadata.

Limited Preservation: Datasets at this level will receive Bit-level Preservation activities with representation information, and migration actions when appropriate during the life cycle. Migration will be made with the priority of preserving content and when possible, the format and style. Functionality of the dataset may not be preserved at this level, due to proprietary formats which may fall into this level.

Full Preservation: This is the highest preservation level in PURR. Datasets at this level receive Bit-level Preservation activities, with representation information, as well as transformation/normalization and migration actions when appropriate during the life cycle. Full Preservation includes continual monitoring by PURR managers for obsolescence and changes in file formats and/or technology.

PURR reserves the right not to accept or preserve objects found to be corrupted or dangerous to the repository.

As stated in the [PURR Digital Preservation Policy](#), Purdue Libraries is committed to preserving and maintaining all PURR content for a period of ten years after it is published in PURR. Long-term preservation of PURR content beyond the ten year retention period is subject to the Libraries' selection criteria for long-term retention, pending budget approval for staffing and related resources needed to accomplish this goal.

<https://purr.purdue.edu/legal/preservation-strategies>

FILE FORMAT RECOMMENDATIONS

Purdue University Research Repository

PURR

File Type	Sustainable	Supported	Unsustainable
Word Processing	PDF/A, OpenDocument Text	PDF/B, Microsoft Word, Microsoft Open XML, Rich Text Format	CorelWordPerfect, Lotus WordPro, PDF
Plain Text	Plain Text, Comma-separated file, Tab-delimited file		
Structural markup	SGML w/DTD, XML w/DTD		SGML w/o DTD, XML w/o DTD
Spreadsheets	OpenDocument Spreadsheet, Comma-separated file, Tab-delimited file, PDF/A	Microsoft Excel, Microsoft Excel Open XML	
Databases	Delimited Flat File w/DDDL	Microsoft Access, dBase Format	
Audio	WAVE	AIFF (uncompressed), Standard MIDI, Windows Media Audio, MPEG, MP2AAC	Audio CD, DVD-Audio, RealAudio, Shorten, RIFF-RMID, Extended MIDI, Module Music Formats
Video	<i>Archival format not currently established.</i>	AVI, MPEG-1, MPEG-2, MPEG-4, Quicktime	Windows Media Video
Images	TIFF, JPG 2000	JPEG, PMG, PDF/A, GIF	RAW, Adobe Photoshop, Kodak PhotoCD, Encapsulated PostScript, FlashPix, PDF

<https://purr.purdue.edu/legal/file-format-recommendations>

PRESERVATION SUPPORT POLICY

Purdue University Research Repository

PURR

Preservation Strategy	Preservation Action	Sustainable	Supported	Unsustainable
Bit-level Preservation	DOI identifier for object	x	x	x
	Preservation metadata	x	x	x
	Secure storage and backup	x	x	x
	Regular virus checks	x	x	x
	Regular fixity checks	x	x	x
	Bitstream maintenance	x	x	x
	Transformation/Normalization	x	x	x
Limited Preservation	Strategically monitor format for changes	x	x	
	Migrate to more preservable format	NA	x	
Full Preservation	Migrate to successive format	x		

<https://purr.purdue.edu/legal/preservation-support-policy>

QUESTION AND COMMENTS

Thank You

Lisa Zilinski

lzilins@purdue.edu

@l_zilinski