

# Challenges and Opportunities Outside MARC and AACR2/RDA

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**ALCTS CaMMS Copy Cataloging Interest Group**

ALA Annual Conference, Las Vegas, Nevada

June 27, 2014

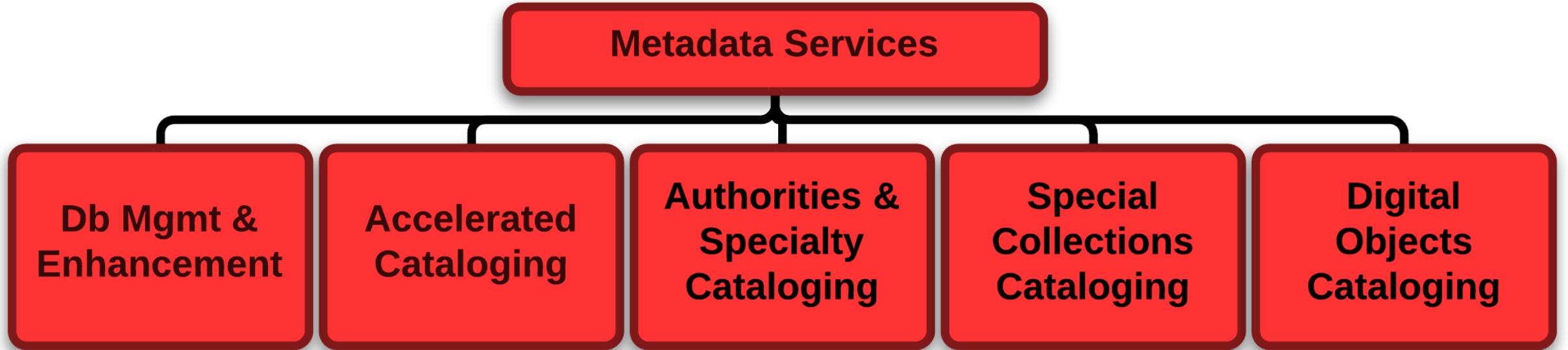
# Overview

- Metadata Services at the University of Maryland
- Copy cataloging digitized postcards
- Copy cataloging ebooks



# UNIVERSITY OF MARYLAND

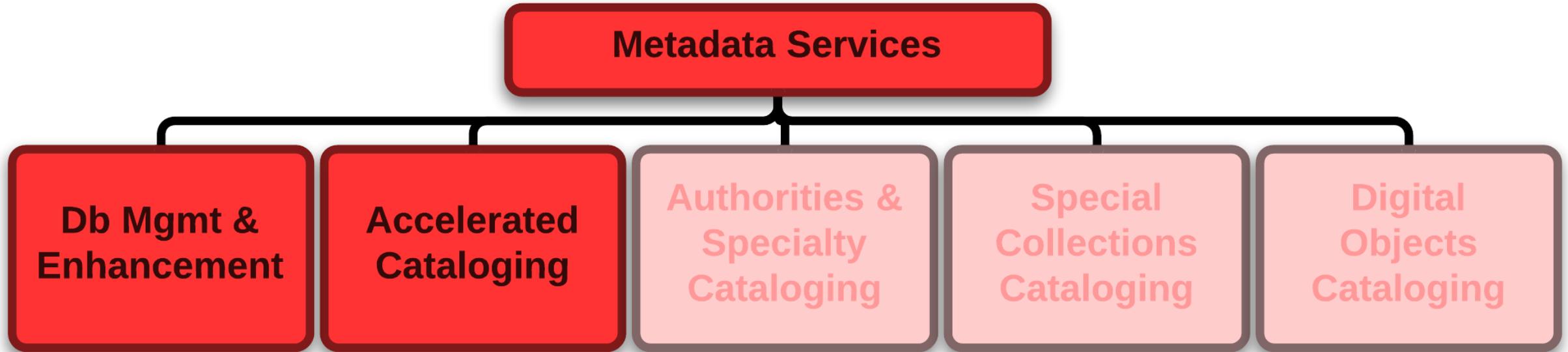
UNIVERSITY LIBRARIES  
*Metadata Services*





# UNIVERSITY OF MARYLAND

UNIVERSITY LIBRARIES  
*Metadata Services*



**Database Management & Enhancement:** bibliographic corrections, transfers, withdrawals, help-desk; primary contact for questions related to metadata services

**Accelerated Cataloging:** copy cataloging of new materials and government documents; labeling and processing of physical items

# National Trust Library Historic Postcard Collection



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[NTL Postcards Home](#) | [About the Collection](#)

Browse by State

Search



## About the National Trust Library Historic Postcards Collection

From a "colorized" view of Luna Park, a great Coney Island amusement park that burned in 1944, to the long ago streets of Baltimore, the National Trust Library Historic Postcard Collection preserves unique and engaging images of people and places in early twentieth century America. Portraying locations across the United States, the collection offers perspectives into the society which produced these cards and reveals important insights about cultural attitudes of the time. These postcards also provide unique evidence of the evolution in American architecture, with rare glimpses of buildings or places that may no longer exist or have dramatically altered over time.

The online collection represents a small sampling of the approximately 20,000 postcards available in the National Trust for Historic Preservation Library Collection. The Libraries will continue to add images to this collection. For more information about the entire collection please visit <http://www.lib.umd.edu/NTL/postcards.html>.

This is a project of [Digital Programs and Initiatives](#) > [University Libraries](#) > [University of Maryland](#)

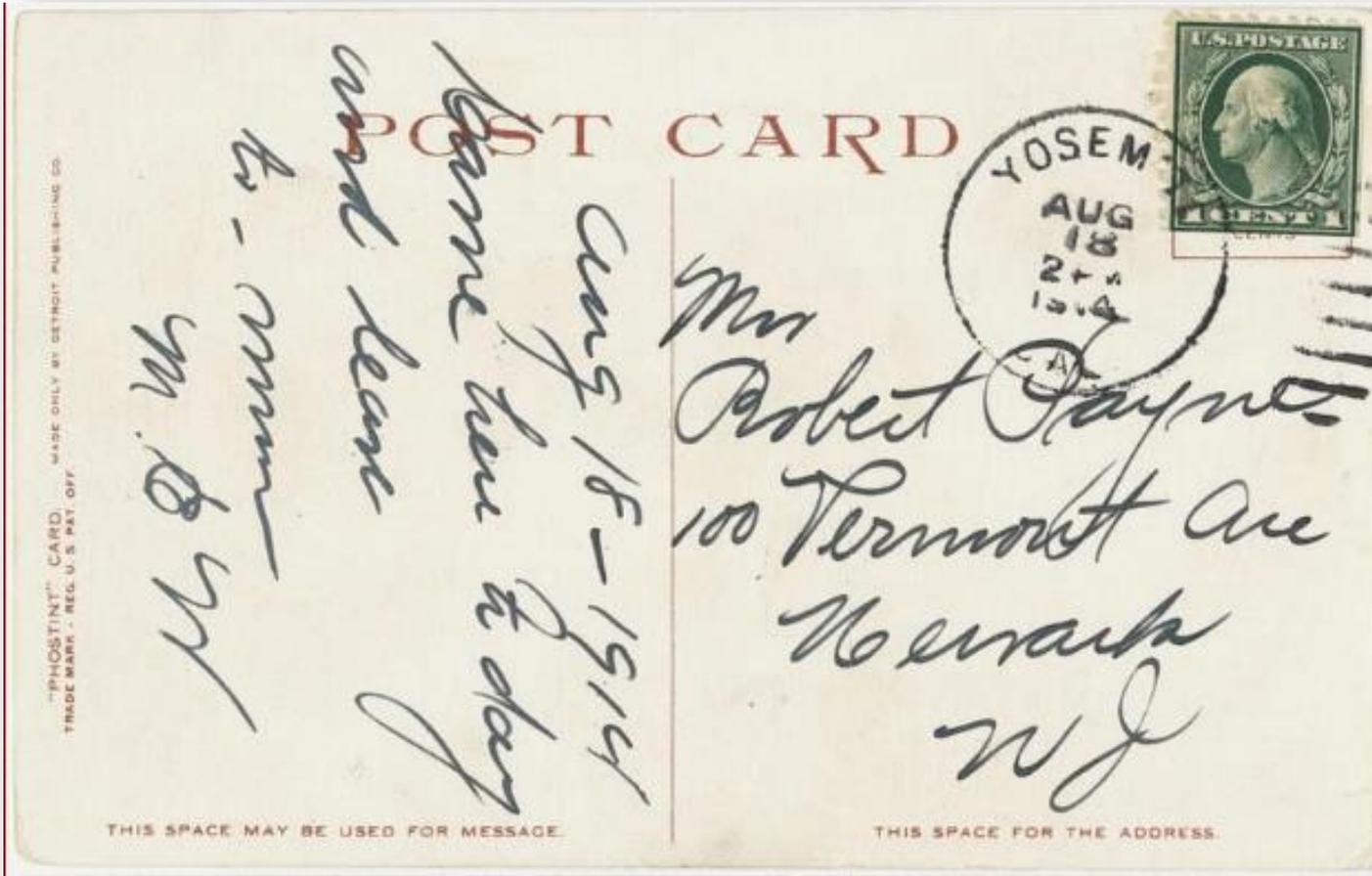
**Sentinel Hotel, Yosemite National Park,  
California, circa 1907-1914**



<http://hdl.handle.net/1903.1/9680>

“Portraying locations across the United States, the collection offers perspectives into the society which produced these cards and reveals important insights about cultural attitudes of the time. These postcards also provide unique evidence of the evolution in American architecture, with rare glimpses of buildings or places that may no longer exist or have dramatically altered over time.”

Sentinel Hotel, Yosemite National Park,  
California, circa 1907-1914



“Portraying locations across the United States, the collection offers perspectives into the society which produced these cards and reveals important insights about cultural attitudes of the time. These postcards also provide unique evidence of the evolution in American architecture, with rare glimpses of buildings or places that may no longer exist or have dramatically altered over time.”

<http://hdl.handle.net/1903.1/9680>

# Project Details within Metadata Services

- Metadata Services involved in 2010
- Metadata Librarian worked with Systems on workflow
- Initial description created by digitization students
- Records passed to Metadata Librarian for review
  - Checked data consistency
  - Added additional description/subjects if needed
- Metadata Librarian worked with Metadata Services Graduate Assistant (GA)
- In 2013, the GA worked with copy catalogers
  - Expected several thousand more to be digitized

# Goals for Cataloging

- Work outside of MARC and AACR2/RDA
- Review and create quality cataloging records
- Maintain the copy cataloging process, just with different tools and systems
- Stressed:
  - Catalogers create and review description
  - Catalogers can use standards other than MARC and AACR2/RDA
    - (in fact they should!)
  - Catalogers can use different cataloging utilities outside of Connexion
    - Digital repositories, content management systems, spreadsheets, text files

# Tools/Systems

- Cataloging Utility
  - Fedora
- Metadata Schemas
  - University of Maryland Descriptive Metadata (UMDM)
  - University of Maryland Administrative Metadata (UMAM)
- Subjects
  - Library of Congress Subject Headings (LCSH)
  - Getty Art & Architecture Thesaurus (AAT)
  - Library of Congress Thesaurus for Graphic Materials (TGM)



## University of Maryland

### Table of contents

- [Descriptive metadata](#)
  1. [Title](#)
  2. [Title \(Alternate\)](#)
  3. [Creator](#)
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  5. [Provider](#)
  6. [Illustrator](#)
  7. [Identifier](#)
  8. [Content type](#)
  9. [Summary \(Description\)](#)



## Basic Workflow

- Retrieve individual record (status = Pending)
- Check for errors in the description
- Check for correct subject headings, adding additional if necessary
- Mark record as complete

# University of Maryland Metadata Help Manual

## Table of contents

- [Descriptive metadata](#)
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## Descriptive metadata

### Title

#### Definition

Name given to the resource by the creator or publisher. If no title exists, supply a title, an identifying phrase, or a name for the resource.

#### Guidelines

This is a required field. Transcribe the title, if there is one, from the resource. If the item does not have a formal title (e.g. a photograph or manuscript), a main title must be supplied. Keep in mind that the title will appear in the search results, so it should be descriptive enough to identify the object but not so detailed that it is overwhelming. When creating an original title it is important to keep a few things in mind:

- **Consistency:** Many records share a common subject (e.g. athletic team photographs), so it is essential to use a consistent format to ensure discoverability. Before creating a new title, refer to existing records for format guidance.

If needed, catalogers could review the element definitions from within Fedora.

# Edit metadata for umd:73495

## Basic information

[Details / copyright](#)

[Coverage](#)

[Physical description](#)

[Subjects](#)

[Citations](#)

<b>Main title:</b>	<input type="text" value="Sentinel Hotel, Yosemite National Park, California, circa 1907-"/>	<input type="text" value="English"/>	-	+	?	
Alternate title:	<input type="text" value="The Sentinel Hotel, Yosemite Valley, Calif."/>	<input type="text" value="English"/>	-	+	?	
Creator:	<input type="text" value="Person"/>	<input type="text"/>	<input type="text" value="English"/>	-	+	?
Contributor:	<input type="text" value="Person"/>	<input type="text"/>	<input type="text" value="English"/>	-	+	?
Provider:	<input type="text" value="Corporation"/>	<input type="text" value="Detroit Publishing Co."/>	<input type="text" value="English"/>	-	+	?
Identifier:	<input type="text"/>	<input type="text" value="English"/>	-	+	?	
<b>Content type:</b>	<input type="text" value="Analog"/>	<input type="text" value="Image / Print"/>				

Catalogers review the data created during the digitization process...

# Edit metadata for umd:73495

...adding info if necessary following documented guidelines.

## Basic information

[Details / copyright](#)

[Coverage](#)

[Physical description](#)

[Subjects](#)

[Citations](#)

Main title: Sentinel Hotel, Yosemite National P

Alternate title: The Sentinel Hotel, Yosemite Valley

Creator: Person ▼

Contributor: Person ▼

Provider: Corporation ▼

Detroit Pub

Identifier:

Content type: Analog ▼

Image / Print

- **Provider** – Most postcards will have a stated publisher; this information should be present in the provider field. Some will not, however: if there is no stated publisher or insignia, leave the field blank. Check to make sure that the authorized form of the publisher name is used; consult the “Preferred Publisher Names” document or LCNAF. If the publisher name is not found, the following resources can be helpful in establishing the most frequently-used name:
  - previous examples in Digital Collections
  - MetroPostcard Publishers  
(<http://www.metropostcard.com/metropcpublishers.html>)
  - Worldcat

[Basic information](#)[Details / copyright](#)[Coverage](#)[Physical description](#)**Subjects**[Citations](#)**Repository browse terms:**

Temporal subjects:



Topical subjects:



Geographical subjects:



Genre:



[Basic information](#)

[Details / copyright](#)

[Coverage](#)

[Physical description](#)

**Subjects**

[Citations](#)

Repository browse terms:

Architecture, Landscape, Historic Places



Temporal subjects:

Decade Circa 1901-1910



Decade Circa 1911-1920



Topical subjects:

TGM None selected Hotels English



Geographical subjects:

Continent North A English



Country United English



Region California English



Zone

Genre:

TGM None selected

Many of the boxes contained dropdown menus. This helped eliminate mistakes and guide the catalogers (both the digitization students and the copy catalogers).

[Basic information](#)

[Details / copyright](#)

[Coverage](#)

[Physical description](#)

[Subjects](#)

[Citations](#)

Repository browse terms: Architecture, Landscape, Histori

Temporal subjects: Decade ▾ Circa

Decade ▾ Circa

Topical subjects: TGM ▾ None se

Geographical subjects: Contine

TGM Country

AAT Region

TGM1 Zone

TGM2 None se

ARC V None se

Genre: TGM ▾ None se

- **Repository browse term** – The first browse term will be “Architecture, Landscape, Historic Places.” Additional browse terms may be added or removed at your discretion. [Browse terms will be updated to better reflect current collection strengths sometime in 2014.]
- **Temporal subjects** – This information should be stated in decades and should correspond to the date in the title/summary fields. (This is different from PIDs in other collections.)
- **Topical subjects** – Use LCNAF/LCSH for named structures, buildings, ideas or objects, etc. Use the Thesaurus for Graphic Material (TGM) for everything else. Do not include geographical subjects in the topical subject fields!
- **Geographical subjects** – Corresponds to the location depicted in the postcard.
- **Genre** – Will always be: “Postcards” (without quotes); select TGM from the drop-down box. Some postcards can also be described with “Aerial views” or “Birds’-eye views”; this is optional.

- Complete
- Complete
- Pending
- Private
- Quarantined

[Change status](#)

[Delete object](#)

# Sentinel Hotel, Yosemite National Park, California, circa 1907-1914

umd:73495 · Complete

## Basic information

**Main title:** Sentinel Hotel, Yosemite National Park, California, circa 1907-1914

**Alternate title:** The Sentinel Hotel, Yosemite Valley, Calif.

**Provider:** **Corporation** Detroit Publishing Co.

**Content type:** **Analog** Image / Print

## Details and copyright

## Content Items

[Edit content](#)

[ntl-012707-0001.jpg](#)

JPEG Lossy Image File

3,344px x 2,376px @ 600 ppi

1.49 megabytes



[ntl-012707-0002.jpg](#)

JPEG Lossy Image File



After cataloging, the record was marked complete and catalogers got a final look at the record.

# Workflow Similarities

## **WorldCat Copy Cataloging**

- Search for record in WorldCat
- Review record for errors
- Control headings if necessary
  
- Export record to ILS

## **Fedora Copy Cataloging**

- Search for record in Fedora
- Review record for errors
- Check for correct subject headings, adding additional if necessary
  
- Mark record as complete

# Impact

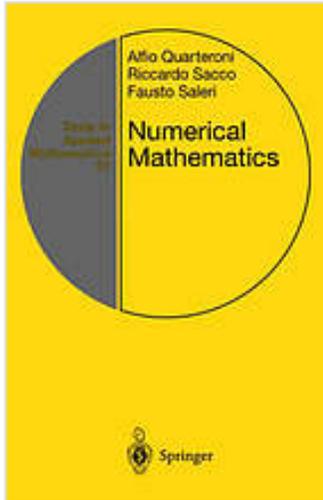
- 4 copy catalogers trained by the graduate assistant
  - Overview of UMDM/UMAM
  - Department procedures document
  - Walk through of the copy cataloging process
- Cataloged ~500 postcards in one month
  - Keep in mind, catalogers still had their normal responsibilities to take care of
- Skipped postcards (reviewed by graduate assistant)
  - Most likely due to technical issues, i.e. back of postcard wasn't digitized

# Copy Cataloging eBooks



University of Maryland uses WorldCat Local as its discovery tool.

[<< Return to Search Results](#)



## Numerical mathematics

Author: [Alfio Quarteroni](#); [Riccardo Sacco](#); [Fausto Saleri](#)

Publisher: New York : Springer, ©2000.

Series: [Texts in applied mathematics](#), 37.

Edition/Format: eBook : Document : English [View all editions and formats](#)

Database: WorldCat

Summary: "One of the purposes of this book is to provide the mathematical foundations of numerical methods, to analyze their basic theoretic (computational complexity), and to demonstrate their performances on examples and counterexamples, which outline their pros and cons in their environment, which is user-friendly and widely adopted. Within any specific [Read more...](#)"

Preview this item

### Find a copy online

#### Links to this item

University of Maryland, College Park (1)

[View eBook](#)

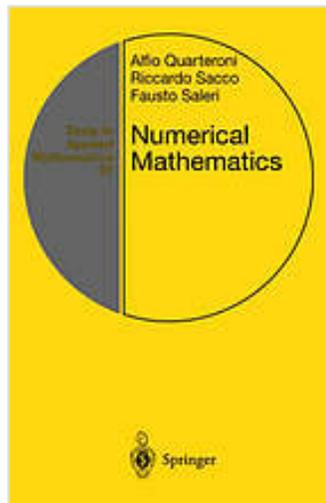
Numerical Mathematics, SpringerLink Aerospace Books - Contemporary

One of the places links for our ebooks come from is the WorldCat Knowledgebase.



Title activation can either happen individually (one-by-one) or in batches (full collections or partial collections)

[<< Return to Search Results](#)



## Numerical mathematics

Author: [Alfio Quarteroni](#); [Riccardo Sacco](#); [Fausto Saleri](#)

Publisher: New York : Springer, ©2000.

Series: [Texts in applied mathematics](#), 37.

Edition/Format: eBook : Document : English [View all editions and formats](#)

Database: WorldCat

Summary: "One of the purposes of this book is to provide the mathematical foundations of numerical methods, to analyze their basic theoretic computational complexity), and to demonstrate their performances on examples and counterexamples, which outline their pros and environment, which is user-friendly and widely adopted. Within any specific [Read more...](#)

[Preview this item](#)

### [Find a copy online](#)

#### Links to this item

University of Maryland, College Park (1)

[View eBook](#)

Numerical Mathematics, SpringerLink Aerospace Books - Contemporary

# Individual eBook Cataloging

- Managed through the WorldCat Knowledgebase (WCKB)
- Process
  - Records from vendor loaded into ILS
  - OCLC notified of titles and activates titles in the WCKB
  - Holdings set in WorldCat automatically
- Where's the copy cataloger?
  - Copy cataloger checks to make sure all of the pieces happened
  - Copy cataloger can fix errors in the WorldCat master record

 [ScienceDirect Backfiles - Earth & Planetary Sciences](#)

 Customizable

Elsevier



**Held by my library**  
( 95 / 95 ) Titles  
[Deselect Collection](#)

 [ScienceDirect Backfiles - Earth and Planetary Sciences Supplement 1](#)

Non-Customizable

Elsevier



**Held by my library**  
( 10 / 10 ) Titles  
[Deselect Collection](#)

 [ScienceDirect Book Series](#)

 Customizable

Elsevier



**Held by my library**  
( 53 / 458 ) Titles  
[Deselect Collection](#)

<a href="#">Control System Design Guide (Fourth Edition)</a>		E-book/Proceeding: 2012	OCN: <a href="#">793511067</a> ISBN: 9780123859204 <a href="#">Website</a> 	 <b>Held by my library</b> <a href="#">Deselect Title</a>
<a href="#">Cross-Border Resource Management</a>		E-book/Proceeding: 2012	OCN: <a href="#">809249107</a> ISBN: 9780080983196 ISSN: 1474-8177 <a href="#">Website</a> 	 <b>Held by my library</b> <a href="#">Deselect Title</a>
<a href="#">CUDA Programming</a>		E-book/Proceeding: 2013	OCN: <a href="#">815520903</a> ISBN: 9780124159334 <a href="#">Website</a> 	 <b>Held by my library</b> <a href="#">Deselect Title</a>



# Pros

- Automated process, very little, if any, human intervention
- Using records in WorldCat
- Links to ebooks managed outside of the MARC record
  - Easier to set holdings
  - No batch loading of records
  - Easier to mass edit links
  - Duplicate records have our link on it (but not holdings)

## Cons

- Not always a record
- (Occasionally) similar titles end up with the wrong link
- Mistakes can happen, requiring clean-up

## eBook Collections Cataloging

- Managed through the WorldCat Knowledgebase (WCKB)
- Process
  - Collection is activated in the KB
    - Either all title or select titles
  - Holdings set in WorldCat automatically
- Where's the copy cataloger?

# Changing Role for Copy Catalogers

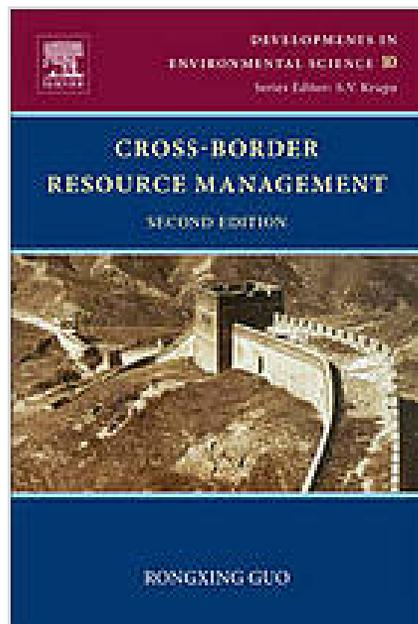
- New roles
  - Batch cataloging without MARC records
  - Verifying title lists from vendors with title lists from collections
    - More difficult than you might think
  - Making available any number of titles quickly and efficiently
- Process
  - Compare title lists
  - Upload titles for activation
  - Check for errors
  - Copy cataloger can fix errors in the WorldCat master record

Using Excel, we can compare two spreadsheets using the VLOOKUP function.

The image displays two overlapping Microsoft Excel windows. The background window, titled 'Springer-ebooks-from-Springer-admin-20121210.xls', shows a spreadsheet with columns for 'e-Book ISBN', 'Main Print ISBN', and 'Author'. The foreground window, titled 'publication\_title', shows a spreadsheet with columns for 'publication\_title', 'print\_ider', 'online\_id', 'date', and 'first num'. The foreground window is partially obscuring the background window.

	A	B	C	D	E
1	publication_title	print_ider	online_id	date	first num
2	5118	Information and Communications Security	978-3-642	978-3-642	2010
3	5119	Intelligent Information and Database Systems	978-3-642	978-3-642	2010
4	5120	Graph Theoretic Concepts in Computer Science	978-3-642	978-3-642	2010
5	5121	The Doctrine of Chances	978-3-540	978-3-540	2010
6	5122	Digital Heritage	978-3-642	978-3-642	2010
7	5123	Dynamic Business Process Formation for Instant Virtual Enterpr	978-1-848	978-1-848	2010
8	5124	The Regularized Fast Hartley Transform	978-90-48	978-90-48	2010
9	5125	Out of Africa I	978-90-48	978-90-48	2010
10	5126	The Place of Probability in Science	978-90-48	978-90-48	2010
11	5127	Combinatorial Pattern Matching	978-3-642	978-3-642	2010
12	5128	Regional Cohesion	978-3-790	978-3-790	2010





## Cross-border resource management

Author: [Rongxing Guo](#)

Publisher: [S.I.] : Elsevier, 2012.

Series: [Developments in environmental science](#), v.10.

Edition/Format:  eBook : Document : English [View all editions and formats](#)

Database: WorldCat

Summary: Rational exploitation and utilization of natural and environmental resources is more difficult in cross-border areas than in areas under the jurisdiction of a single authority. Moreover, cross-border resource management is constrained by the number of independent stakeholders involved. The primary reasons for this come from the uneven spatial distribution of production factors as well as the non-cooperative [Read more...](#)

51	Construction Hazardous Materials Compliance	<a href="http://www.sciencedirect.com/science/book/9780124158412">http://www.sciencedirect.com/science/book/9780124158412</a>	ebook	Butterwor
52	Content Strategy at Work	<a href="http://www.sciencedirect.com/science/book/9780123919229">http://www.sciencedirect.com/science/book/9780123919229</a>	ebook	Morgan Ka
53	Control System Design Guide (Fourth Edition)	<a href="http://www.sciencedirect.com/science/book/9780123859204">http://www.sciencedirect.com/science/book/9780123859204</a>	ebook	Butterwor
<b>54</b>	<b>Cross-Border Resource Management</b>	<a href="http://www.sciencedirect.com/science/book/9780080983196">http://www.sciencedirect.com/science/book/9780080983196</a>	ebook	Elsevier
55	CUDA Programming	<a href="http://www.sciencedirect.com/science/book/9780124159334">http://www.sciencedirect.com/science/book/9780124159334</a>	ebook	Morgan Ka
56	Data Governance	<a href="http://www.sciencedirect.com/science/book/9780124158290">http://www.sciencedirect.com/science/book/9780124158290</a>	ebook	Morgan Ka
57	Data Hiding	<a href="http://www.sciencedirect.com/science/book/9781597497435">http://www.sciencedirect.com/science/book/9781597497435</a>	ebook	Syngress
58	Data Insights	<a href="http://www.sciencedirect.com/science/book/9780123877932">http://www.sciencedirect.com/science/book/9780123877932</a>	ebook	Morgan Ka
59	Data Virtualization for Business Intelligence S	<a href="http://www.sciencedirect.com/science/book/9780123944252">http://www.sciencedirect.com/science/book/9780123944252</a>	ebook	Morgan Ka
60	Design for Emotion	<a href="http://www.sciencedirect.com/science/book/9780123855211">http://www.sciencedirect.com/science/book/9780123855211</a>	ebook	Morgan Ka

# Thank you!

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