

Technical Reports in the Repository: Syncing a unique grey literature collection in multiple library systems

Columbia University Libraries

Esther M. Jackson, *Scholarly Communication Technologies Librarian*
Amanda S Bielskas, *Director of Science, Engineering and Social Science Libraries*
Emily Holmes, *Director, Preservation*
Melanie Wacker, *Metadata Coordinator*

Lamont Doherty Earth Observatory Technical Reports

- IR as a repository for grey literature and Columbia University series
- 298 technical papers dating from 1949 to 2003
 - A unique collection of materials, and digitization fell outside of routine digitization
 - LDEO is an active Libraries user and partner
- Ability to reuse existing metadata in various systems
 - WorldCat, HathiTrust, CLIO (Columbia ILS), Internet Archive, Academic Commons (Columbia IR)
- **21 project team members**
- Started July 2019 and completed September 2020

Selection of Material - Why these Technical Reports?

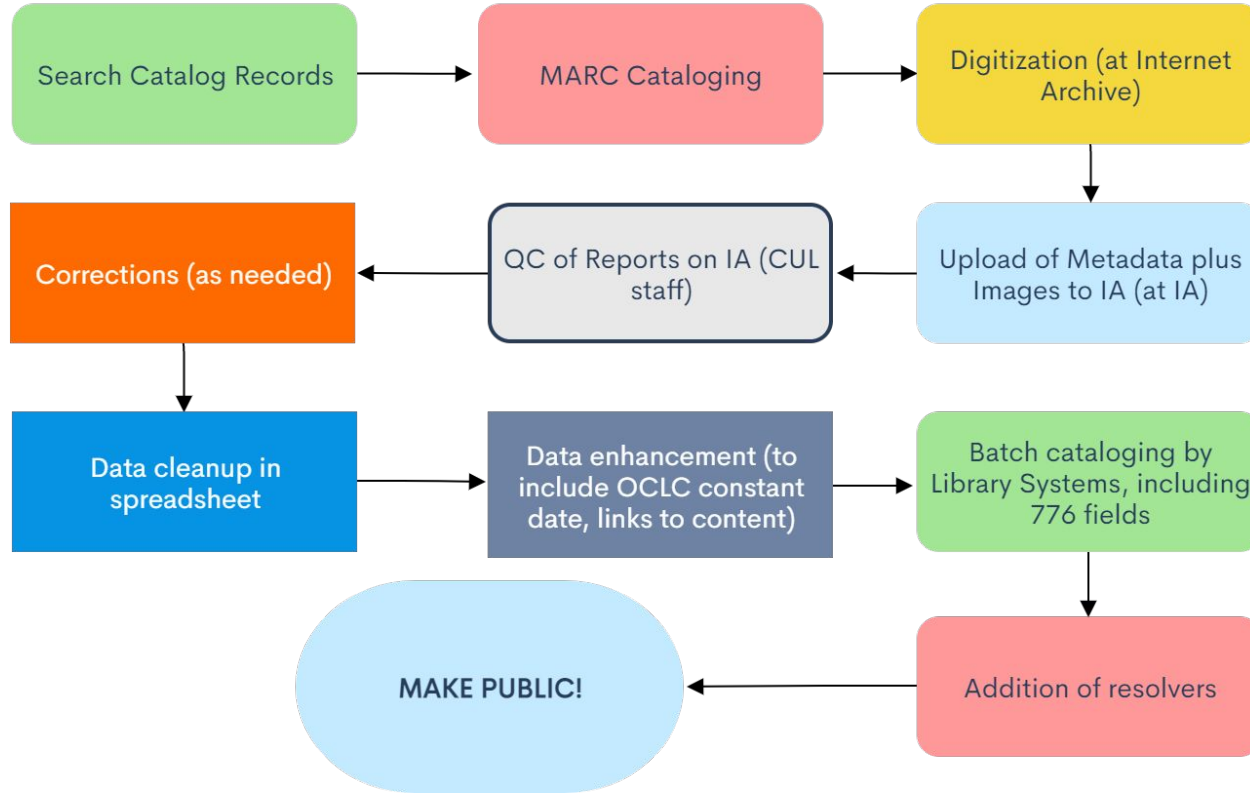
Project Aims and Goals:

- Unhide/make items discoverable in CLIO and WorldCat
- Long term preservation of copies of the documents
- Determine where/how to host items (Academic Commons, IA, Hathi)
- Clarify duplication policy (if items are hosted in multiple locations)
- Collaborate with the University on the Year of Water (2020)
- Create a special online “exhibition” of some type

Cataloging the Original Reports


100	1		Costin, Michael.
245	1	0	Dye diffusion experiments on the Great Bahama Bank / †c prepared by Michael Costin.
260			Palisades, N.Y. : †b Lamont Geological Observatory, Columbia University, †c 1963.
300			13 pages : †b illustrations, charts, plates ; †c 28 cm
336			text †b txt †2 rdacontent
337			unmediated †b n †2 rdamedia
338			volume †b nc †2 rdacarrier
500			"Technical report no. CU-6-63 to the Atomic Energy Commission Contract AT(30-1)2663."
500			"December, 1963."
504			Includes bibliographical references (page 13).
650		0	Diffusion in hydrology.

Digitization Workflow



Cataloging the Digitized Reports

1. Dye diffusion experiments on the Great Bahama Bank

Author Costin, Michael
Published Palisades, N.Y. : Lamont Geological Observatory, Columbia University, 1963.
Location For Offsite CU-6-63
Format  Book

2. Dye diffusion experiments on the Great Bahama Bank

Author Costin, Michael
Published Palisades, N.Y. : Lamont Geological Observatory, Columbia University, 1963.
Online  <http://www.columbia.edu/cgi-bin/cul/resolve?clio14910002>
Format  Book,  Online

Reusing the Metadata

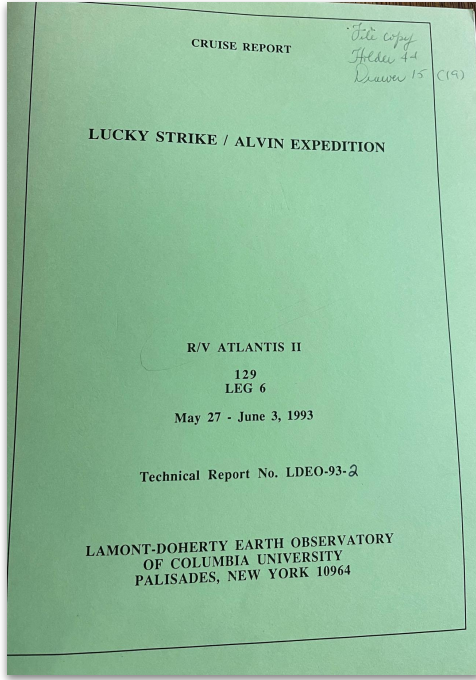
Hyacinth element name	default mapping	mapping = Ideotechnical (note: first char is lower
note-1:note_value	540 \$a	skip
		default mapping
		AND
	830 \$a \$n \$p / If there is no 830, but a 490 with first indicator 0 use that field's \$a value instead	always add an additional series with title "LDEO Technical Reports"
series-1:series_title	830 \$v	default
series-1:series_number	830 \$x	default
series-1:series_issn		always true (for default series and always-added "LDEO Technical

Hyacinth

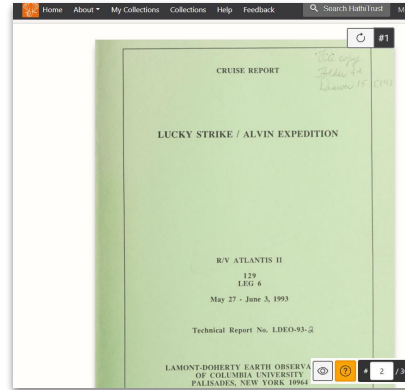
Descriptive Metadata

Title	
Non-Sort Portion	The
Sort Portion	"T" phase of shallow-focus earthquakes
Name 1	
Value	Tolstoy, Ivan, 1923-
Primary?	true
Role 1	
Value	author
Name 2	
Value	Ewing, W. Maurice (William Maurice), 1906-1974
Role 1	
Value	author
Name 3	
Value	Press, Frank, 1924-
Role 1	
Value	author
Name 4	
Value	Columbia University. Lamont-Doherty Earth Observatory

Display of Materials



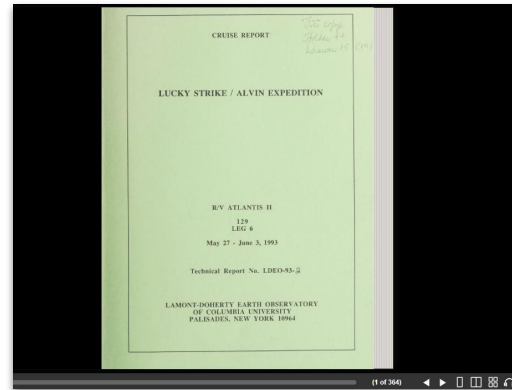
Physical Item



In HathiTrust



In Academic Commons (IR)



In Internet Archive

Display of Materials

COLUMBIA UNIVERSITY LIBRARIES

COLUMBIA | ACADEMIC COMMONS

Search for theses, data, articles, etc. 

About Explore Esther Jackson ▾ Upload Your Research

1962 REPORTS

A precision deep-ocean seismic reflection survey

Windisch, C. C.; Ewing, J. I. (John I.); Bryan, G. M. (George M.)

Geographic Areas

North Atlantic Ocean North Atlantic Region

Files

	precisiondeepoce00wind.pdf	application/pdf	2.19 MB	
---	----------------------------	-----------------	---------	---

More About This Work

Academic Units	Lamont-Doherty Earth Observatory
Publisher	Lamont Geological Observatory
Series	Technical report (Lamont Geological Observatory), CU-6-62, no. 6 LDEO Technical Reports
Published Here	September 2, 2020
Fedora 3 PID	ac:mcvdcnjt2d

Download

DOI

<https://doi.org/10.7916/d8-8m36-km02> 

Future Work

- Project process has been used successfully on other projects; well-suited for collections of pamphlet-like materials that already have been cataloged in CLIO (ILS)
- Collection as model for addition of similar materials to Academic Commons (IR)
- Addition of “related items” metadata to Academic Commons (IR) records in order to point users to IA records and/or CLIO records
- Use of HySync to connect Dryad Data to Academic Commons (IR)

Acknowledgements

Barbara Rockenbach (Sponsor), **Chris Cronin** (Sponsor), **Rob Cartolano** (Sponsor), **Amanda Bielskas** (Business Owner), **Emily Holmes** (Project Manager), **Kathryn Pope** (Team Lead), **Stephen Davis** (Team Lead), **Violeta Ilik** (Team Lead), **Melanie Wacker** (Team Lead), **Brian Luna Lucera** (Team Member), **Esther Jackson** (Team Member), **Jasmine Bhonsly** (Team Member), **Enerel Dambiinyam** (Team Member), **Dave Motson** (Team Member), **Kate Harcourt** (Influencing Stakeholder), **Nicky Agate** (Influencing Stakeholder), **Mark Wilson** (Team Lead), **Charlotte S. Kostelic** (Team Member), **Eva Cunningham** (Influencing Stakeholder), **Crystal Rivas** (Influencing Stakeholder), **Jeremiah Mercurio** (Influencing Stakeholder)