

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

Columbia University Libraries

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# 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?

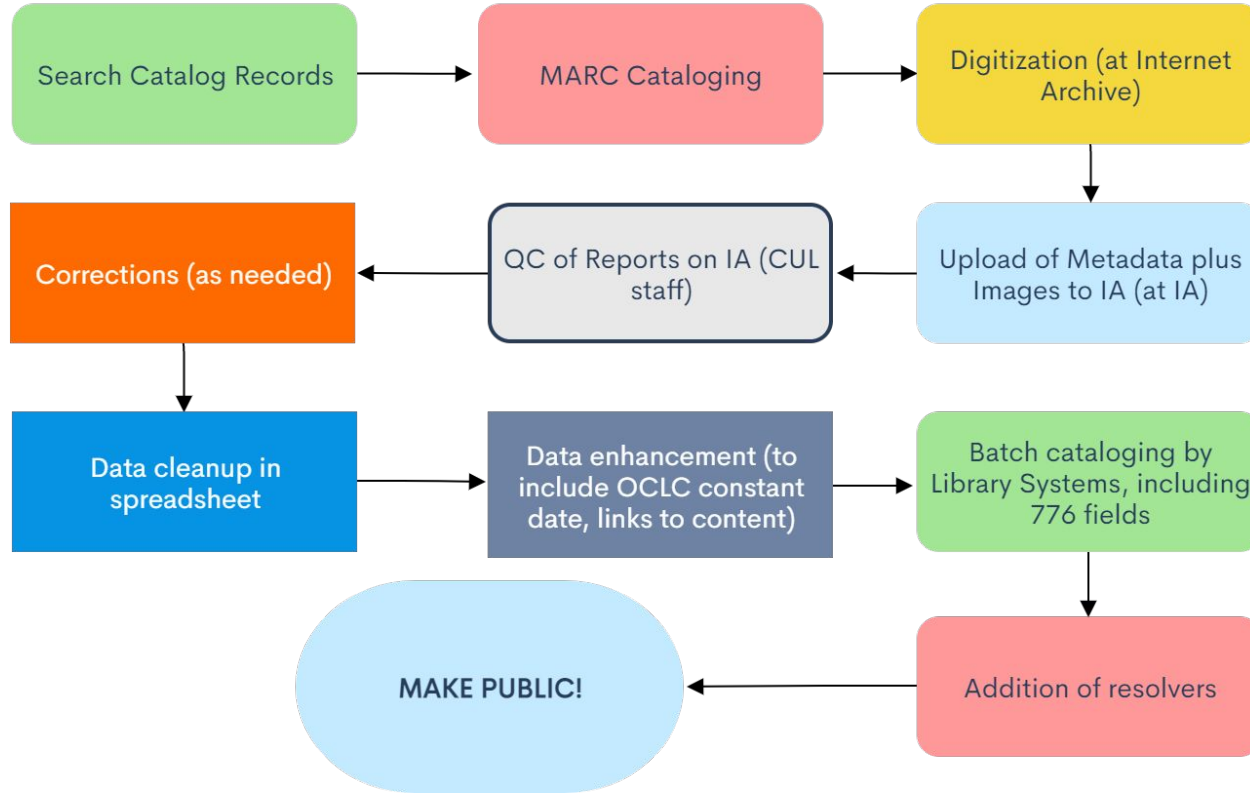
## Project Aims and Goals:

- 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 | <a href="#">Diffusion in hydrology.</a>   |

# 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 /<br>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  |  |   |
| series-1:series_number | 830 \$v  | default   |
| series-1:series_issn   | 830 \$x  | default   |
|                        |  | always true (for default series and always-added "LDEO Technical    |

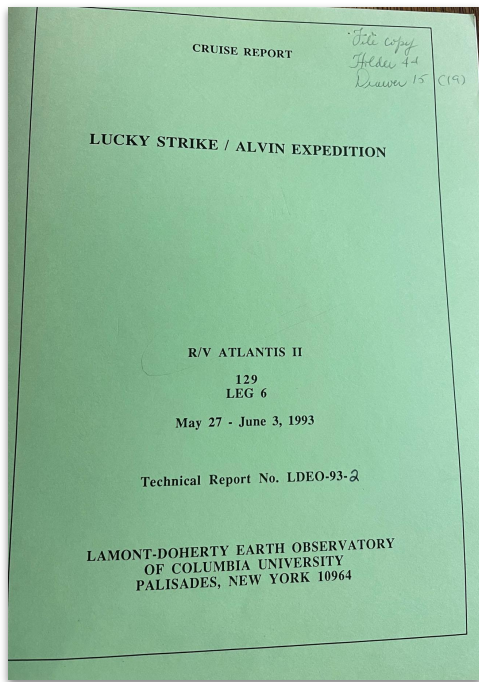
# Hyacinth

## Descriptive Metadata

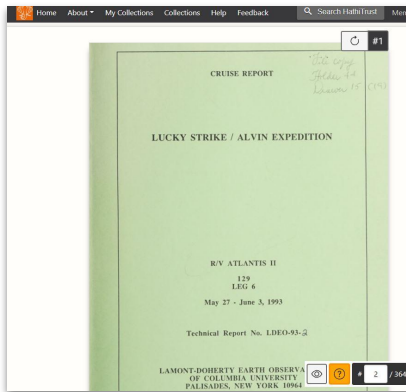
|                  |   |
|------------------|---|
| Title            |   |
| Non-Sort Portion | The   |
| Sort Portion     | "T" phase of shallow-focus earthquakes                |
| Name 1           |   |
| Value            | Tolstoy, Ivan, 1923-                                  |
| Primary?         | 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 |



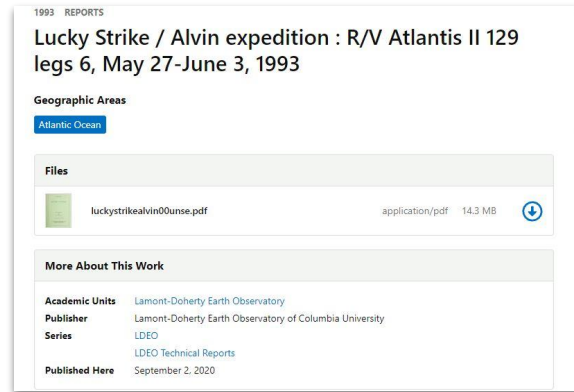
# Display of Materials



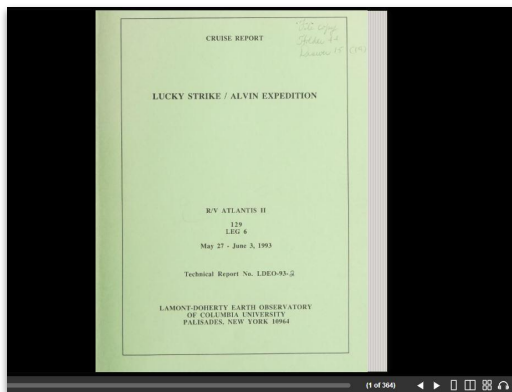
Physical Item



In HathiTrust



In Academic Commons (IR)



In Internet Archive

# Display of Materials

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COLUMBIA | ACADEMIC COMMONS

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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**

|                       |  |
|-----------------------|--|
| <b>Academic Units</b> | Lamont-Doherty Earth Observatory   |
| <b>Publisher</b>      | Lamont Geological Observatory  |
| <b>Series</b>         | Technical report (Lamont Geological Observatory), CU-6-62, no. 6<br>LDEO Technical Reports |
| <b>Published Here</b> | September 2, 2020  |
| <b>Fedora 3 PID</b>   | 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

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