

DIGITAL MAPPING TECHNIQUES 2018

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The contents of this document are provisional

See Presentations and Proceedings
from the DMT Meetings (1997-2018)

<http://ngmdb.usgs.gov/info/dmt/>

Creating a Professional Publication Series for Story Maps and Other Web Applications

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ESRI STORY MAPS IN A PUBLICATION SERIES

The Delaware Geological Survey (DGS) GIS Specialist has been authoring ESRI Story Maps (ESRI, 2018) since 2014. Professional staff at DGS suggested that these web applications should be acknowledged professionally in a DGS publication series. Thoughts arose as to whether a new publication series be created, or include the applications in an existing series. Of the eight existing DGS publication types, it was decided that they would be applicable in either the Information Series or Special Publication.

After a limited investigation to see if any public Story Maps are cataloged as a publication, John Stevenson, Associate Librarian at the University of Delaware (UD), located a Story Map through UD DELCAT catalog search. Watersheds in Eastern Ontario was published by Frontenac County, Ontario, Canada (Frontenac and ESRI, 2014). The Manager of Information Services for North Frontenac was contacted, and he was unaware of their Story Map being cataloged in the library system.

CONCERNS/QUESTIONS

How long will ESRI support Story Maps?

With over 600,000 public Story Maps currently available, it is reasonable to assume that ESRI will not remove existing Story Maps or disable the templates that drive the application. Story Maps have become a large area of interest for GIS professionals (and non-GIS professionals) worldwide, so the best business practice would be to keep existing Story Maps online. If there are changes or upgrades to the templates in the future, an export/import method or systematic transfer of information should be made available to migrate Story Map information or make them a stand-alone application.

Who are the authors of a Story Map?

The content in a Story Map is typically authored by DGS geologists/hydrologists, so the GIS Specialist would list them as first authors and the GIS Specialist listed last for adding the

content to the Story Map. A geologist suggested that the GIS Specialist is the first or only author. A comparative publication for this case is DGS Special Publication No. 21 (Benson, 1998) where Dr. Benson compiled thirteen manuscripts into one publication. The content was written by 19 contributors, but Dr. Benson is referenced as sole author of this volume. Further discussion with the DGS editor and Director regarding Story Map referencing will occur in the future.

How would a Story Map be archived?

DGS publications are archived in the UD Library Institutional Repository as PDF documents. The content in a Story Map can be packaged in a zip file containing a PDF document of text, images, videos, and geospatial data used to create interactive maps. The archived content can be used to re-create an online presence with other resources. At the time of this paper, two Story Map templates (Map Journal and Cascade) have a print option available. Text and images in the Story Map are exported to a downloadable PDF document.

How would a Story Map be reviewed?

DGS Story Maps are reviewed by two DGS professional staff and the Director for approval before making it available to the public on the DGS website. The current review process for DGS geologic maps include the editor, one internal reviewer, two external reviewers, and the Director before releasing a publication. DGS will be discussing how to move forward with publishing Story Maps within a DGS publication series.

REFERENCES

ESRI, 2018, Story Maps, accessed August 28, 2018, at <http://storymaps.arcgis.com/en/>.

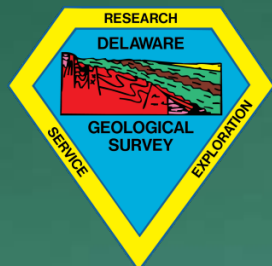
Benson, R.N., 1998, Geology and Paleontology of the Lower Miocene Pollack Farm Fossil Site Delaware: Delaware Geological Survey Special Publications No. 21, 191 p.

Frontenac (Ont.) and Environmental Systems Research Institute (Redlands, Calif.), 2014, Watersheds in Eastern Ontario, accessed August 28, 2018 at <http://gis.northfrontenac.com/watersheds>.

Creating a Professional Publication Series for Story Maps and Other Web Applications

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How do we fit web applications/Story Maps into the DGS publication series?

- Bulletin
- Geologic Map
- Hydrologic Map
- **Information Series**
- Miscellaneous Map
- Open File Report
- Report of Investigations
- **Special Publication**

Concerns/Questions:

1. How long will ESRI support Story Maps?
2. How do we reference Story Maps for professional credit?
3. How do we archive Story Maps?
4. How do we review Story Maps?

1. What if Story Map templates go away?

- There are currently over 600,000 public Story Maps, they will not go away anytime soon
- ESRI will offer import/export options to other formats if Story Map templates are no longer available

2. The Story Map creator is an author - How to reference?

Example 1 – List authors of content, then Story Map creator:

Delaware Geology in the Field 2017, Schenck, W.S.,
McLaughlin, P.P., and Wang, L.T., accessed May 8,
2018, at

<http://udel.maps.arcgis.com/apps/Cascade/index.html?appid=bafc9a88a89d4d448eb6a760d972dc7d>.

Example 2 – List Story Map creator as first or only author

Delaware Geology in the Field 2017, Wang, L.T., Schenck, W.S., and McLaughlin, P.P., accessed May 8, 2018, at

<http://udel.maps.arcgis.com/apps/Cascade/index.html?appid=bafc9a88a89d4d448eb6a760d972dc7d>.

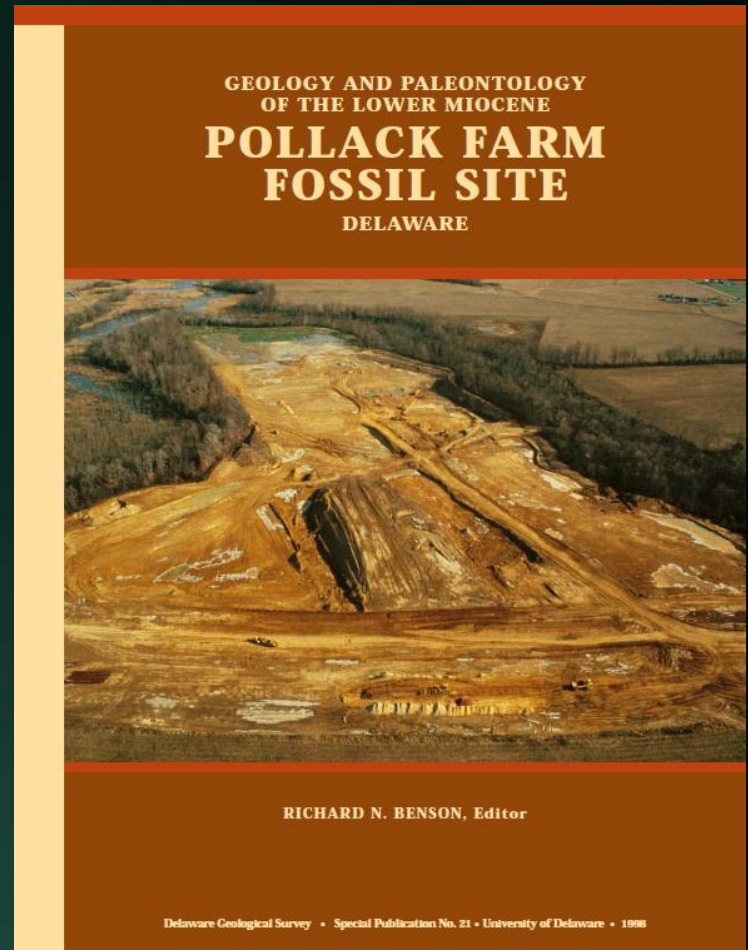
Delaware Geology in the Field 2017, Wang, L.T., accessed May 8, 2018, at

<http://udel.maps.arcgis.com/apps/Cascade/index.html?appid=bafc9a88a89d4d448eb6a760d972dc7d>.

DGS Special Publication No. 21

Author: Richard N. Benson,
Editor

The results of several geology
and paleontology studies
were compiled by Dr. Benson.
He is listed as author of this
volume.



Benson, R.N., 1998, Geology and Paleontology of the Lower Miocene Pollack Farm Fossil Site Delaware: Delaware Geological Survey Special Publications No. 21, 191 p.

3. How do we archive Story Maps?

- Save text, images, geospatial data in a zip file
- The Map Journal and Cascade Story Map templates have a print option (PDF)
- Future archival methods from ESRI?

4. How to review?

Currently we have 1-2 staff members and Director review and comment before making Story Maps public on the DGS website and announcing through social media

DGS map publications are reviewed by the editor, one DGS staff member, two external professionals, and the Director

Library search


University of Delaware Library
DELCAT Discovery

Libraries to search | [Advanced Search](#)

Watersheds in Eastern Ontario

Author: [Frontenac \(Ont.\); Environmental Systems Research Institute \(Redlands, Calif.\)](#)

Publisher: Glenburnie, Ont. : County of Frontenac, [2014]

Edition/Format:  eMap : Clipart/images/graphics : Local government publication : English

Summary: This map shows the County of Frontenac and watersheds at various levels throughout Ontario.

 Find a copy online

Check for online access at your library

[Get It!](#)

Details

Genre/Form:	Maps
Material Type:	Clipart/images/graphics, Government publication, Local government publication, Internet resource
Document Type:	Internet Resource, Map, Computer File
All Authors / Contributors:	Frontenac (Ont.) ; Environmental Systems Research Institute (Redlands, Calif.)
OCLC Number:	889852478
Notes:	Available on the Internet in electronic format. Title from title screen (viewed on August 22, 2014). "A story map." Includes text, colour illustrations and legend.
Description:	1 online resource
Cartographic Mathematical Data:	Scale varies.
Contents:	1. Ontario watersheds -- primary -- 2. Eastern Ontario watersheds -- secondary -- 3. Eastern Ontario watersheds -- tertiary -- 4. Eastern Ontario watersheds -- quaternary.
Responsibility:	produced by North Frontenac ; powered by Esri.

Abstract:

This map shows the County of Frontenac and watersheds at various levels throughout Ontario.

Watersheds in Eastern Ontario

Watersheds in Eastern Ontario

What is a Watershed? Visit the [Conservation Ontario](http://www.conservationontario.com) website to find out.

This map shows The County of Frontenac and watersheds at various levels throughout Ontario

Produced by

North Frontenac

1 Ontario Watersheds - Primary

There are 3 Primary Watersheds in Ontario. The central, southern, western and eastern regions of Ontario, including The County of Frontenac, are in the 'Great Lakes - St. Lawrence' watershed.

2 Eastern Ontario Watersheds - Secondary

3 Eastern Ontario Watersheds - Tertiary

4 Eastern Ontario Watersheds - Quaternary

