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U.S. Geological Survey Publications Warehouse

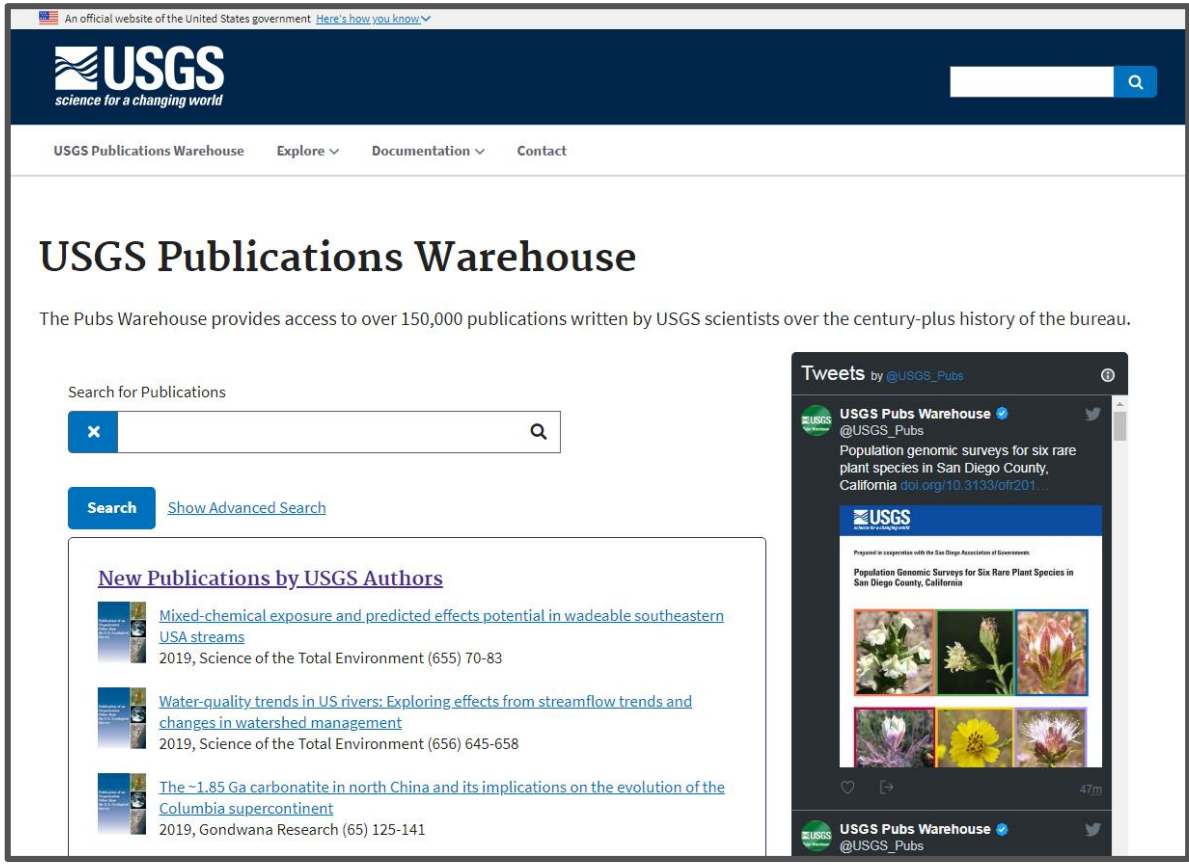
Kelly Haberstroh
USGS Library

2019 Federal Depository Library Conference
October 23, 2019

U.S. Department of the Interior
U.S. Geological Survey

Publications Warehouse background

The authoritative resource and public interface to USGS-authored publications



https://pubs.er.usgs.gov

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Publications Warehouse background

Mixed–chemical exposure and predicted effects potential in wadeable southeastern USA streams

Science of the Total Environment

By: Paul M. Bradley , Celeste A. Journey , Jason P. Berninger , Daniel T. Button , Jimmy M. Clark , Steven R. Corsi , Laura A. DeCicco , Kristina G. Hopkins , Bradley J. Huffman, Naomi Nakagaki , Julia E. Norman , Lisa H. Nowell , Sharon L. Qi , Peter C. Van Metre , and Ian R. Waite

https://doi.org/10.1016/j.scitotenv.2018.11.186

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Links

- More information: **Publisher Index Page (via DOI)**
- Open Access Version: Publisher Index Page
- Download citation as: RIS | Dublin Core

Abstract

Complex chemical mixtures have been widely reported in larger streams but relatively little work has been done to characterize them and assess their potential effects in headwaterstreams. In 2014, the United States Geological Survey (USGS) sampled 54 Piedmont streams over ten weeks and measured 475 unique organic compounds using five analytical methods. Maximum and median exposure conditions were evaluated in relation to watershed characteristics and for potential biological effects using multiple lines of evidence. Results demonstrate that mixed-contaminant exposures are ubiquitous and varied in sampled headwater streams. Approximately 56% (264) of the 475 compounds were detected at least once across all sites. Cumulative maximum concentrations ranged 1,922–162,346 ng L^{-1} per site. Chemical occurrence significantly correlated to urban land

Provides access to metadata about and links to 160,000+ USGS-authored and -funded publications

Publications Warehouse content

Published by the USGS	Published by an external entity
• USGS numbered series reports • USGS unnumbered series reports	• Journal articles • Conference proceedings • Books • Book chapters • Other government reports • Extended abstracts

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Publications Warehouse background

- Established in 2004
- Moved under the USGS Library in 2009
- Collaborative effort among several groups in USGS

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Publications Warehouse staff components

1. Cataloging

- Catalogs newly published USGS-authored products
- Catalogs legacy USGS-authored products
- Updates metadata for existing records
- Located at the National Wildlife Health Center in Madison, WI

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Publications Warehouse staff components

2. Development

- Development and maintenance of the Publications Warehouse application
- Located at the Upper Midwest Water Science Center in Middleton, WI

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Publications Warehouse staff components

3. Digitization

- Retrospective scanning to provide full-text access to historical USGS series reports
- Over 85% of USGS series publications currently available full text in Publications Warehouse
- Located in the USGS Library in Reston, VA

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Publications Warehouse Guidance Committee

- Established May 2018
- Discusses policy and workflow issues
- Works to define the scope, guidelines, and policies related to Publications Warehouse
- Committee members from multiple groups in USGS

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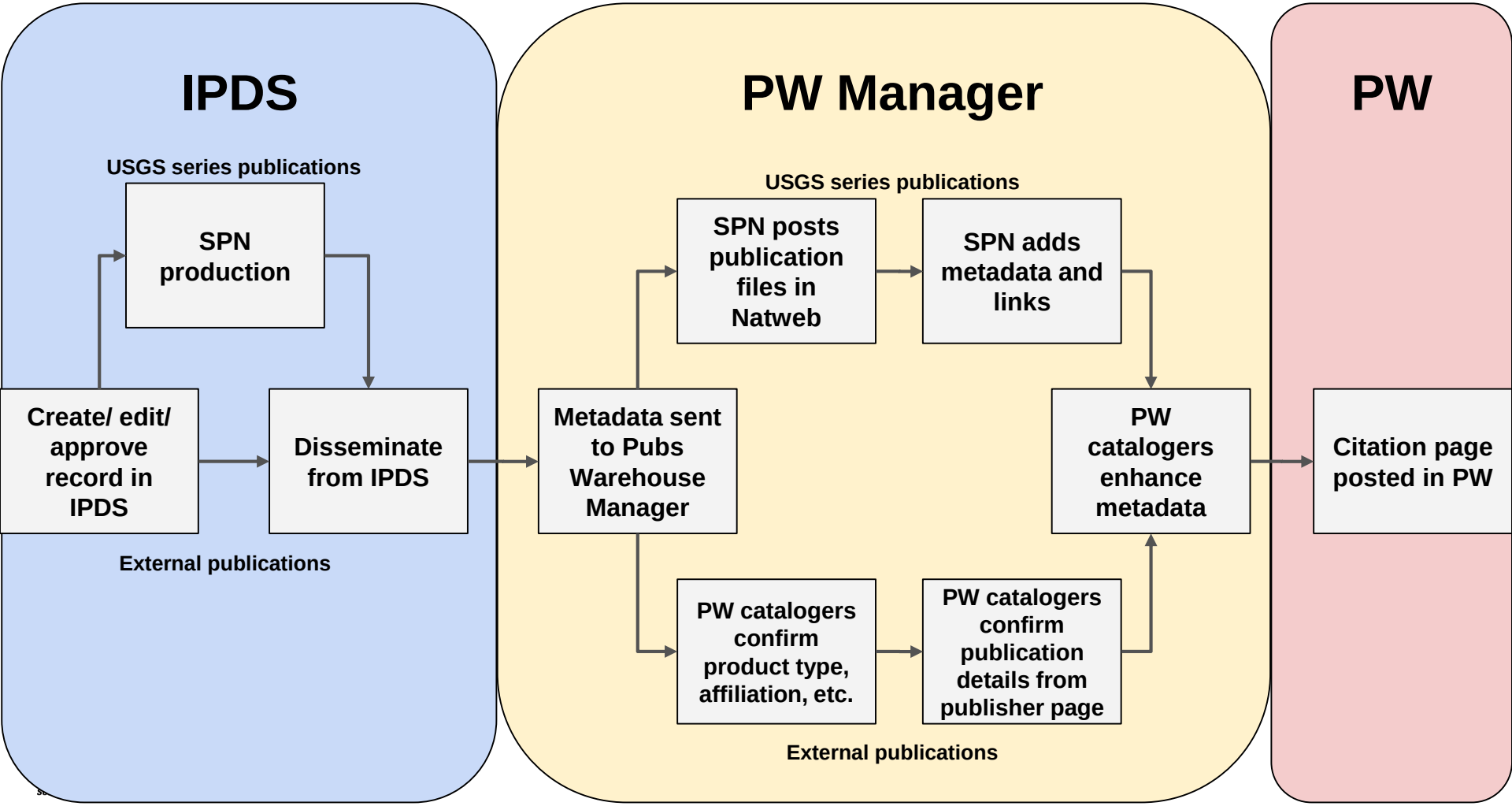
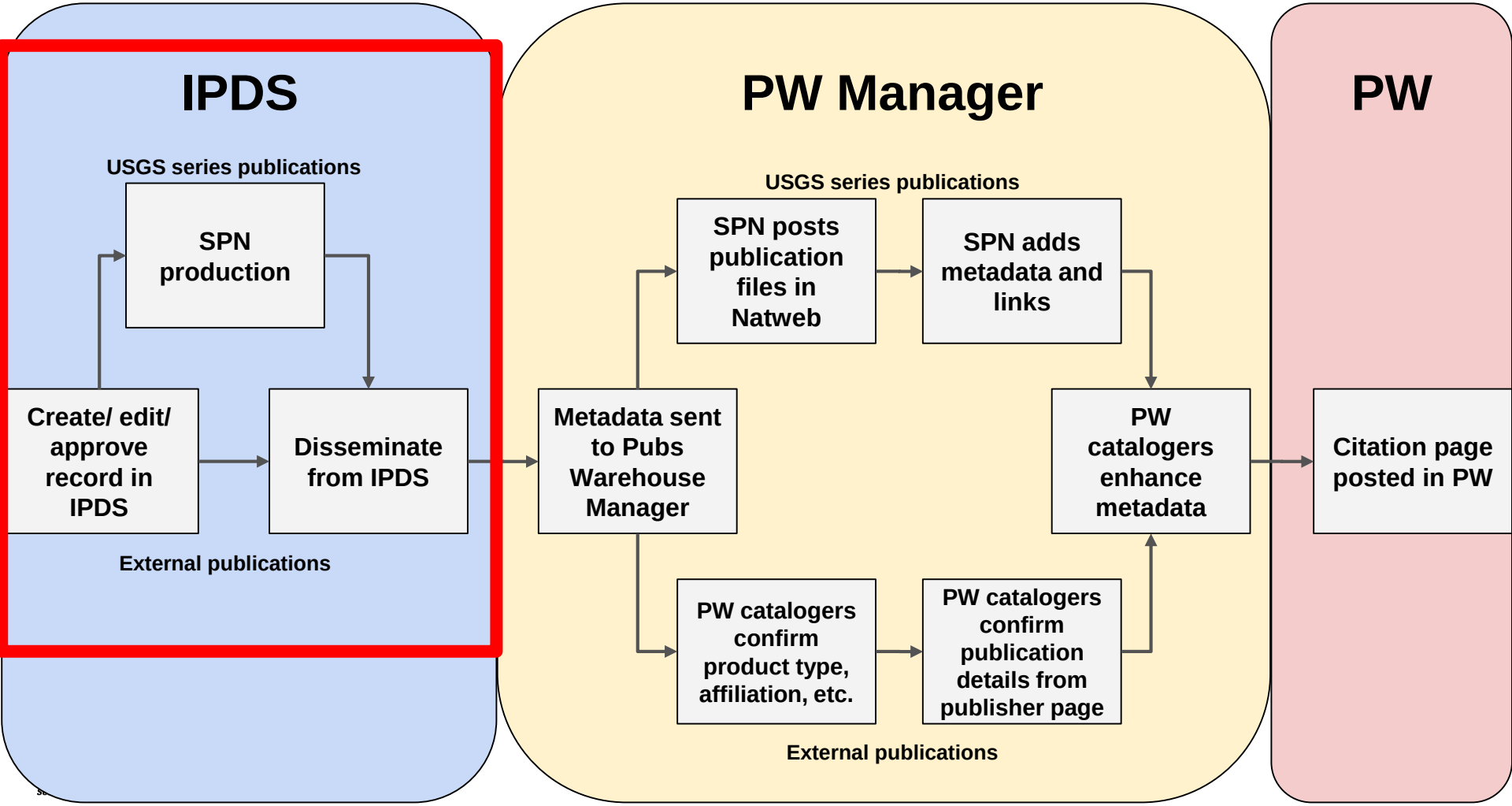
Basic USGS publishing workflow



Information Product Data System (IPDS)



Information Product Data System (IPDS)

- Internal product tracking and approval system required for all USGS products
- Tracks USGS Fundamental Science Practices (FSP)
- Reviews and approvals performed
- Manuscript documents uploaded
- Product metadata filled in
- When published, record is disseminated to Publications Warehouse Manager

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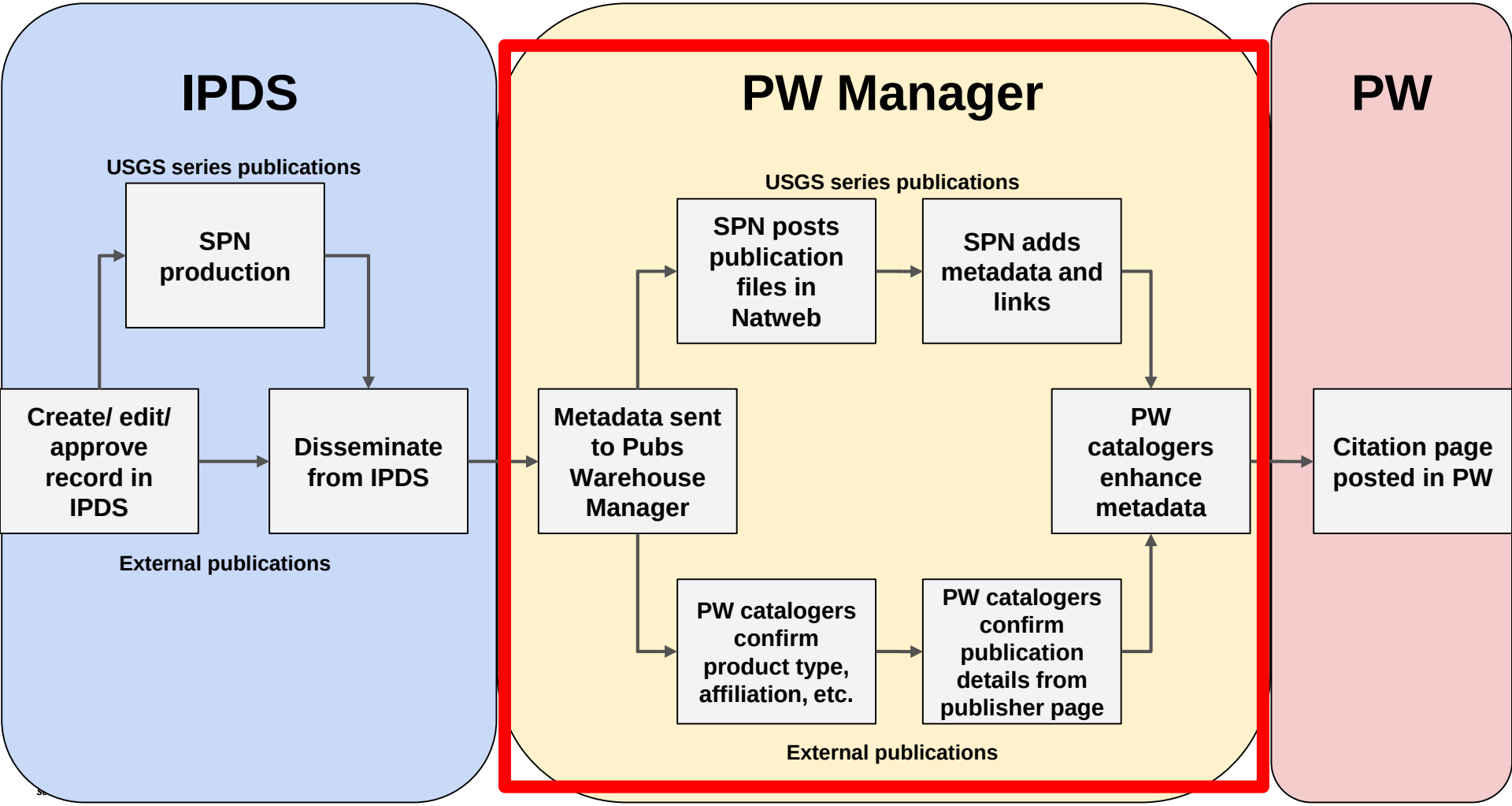
Publications Warehouse Manager



Publications Warehouse Manager

- Internal cataloging application for Publications Warehouse citation pages
- Automatically populated when records are disseminated from IPDS
- Legacy records created from scratch
- Custom metadata schema
- Some required and controlled fields, others dictated by established metadata standards
- Local authority control for contributors, affiliations, and publication series

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Publications Warehouse Manager

- All records edited and approved by cataloging team
- Publications Warehouse catalogers
  - Confirm, correct, and standardize publication metadata from IPDS
  - Add additional valuable metadata, such as location metadata and geospatial polygons study areas
  - Publish the record to the public Pubs Warehouse website

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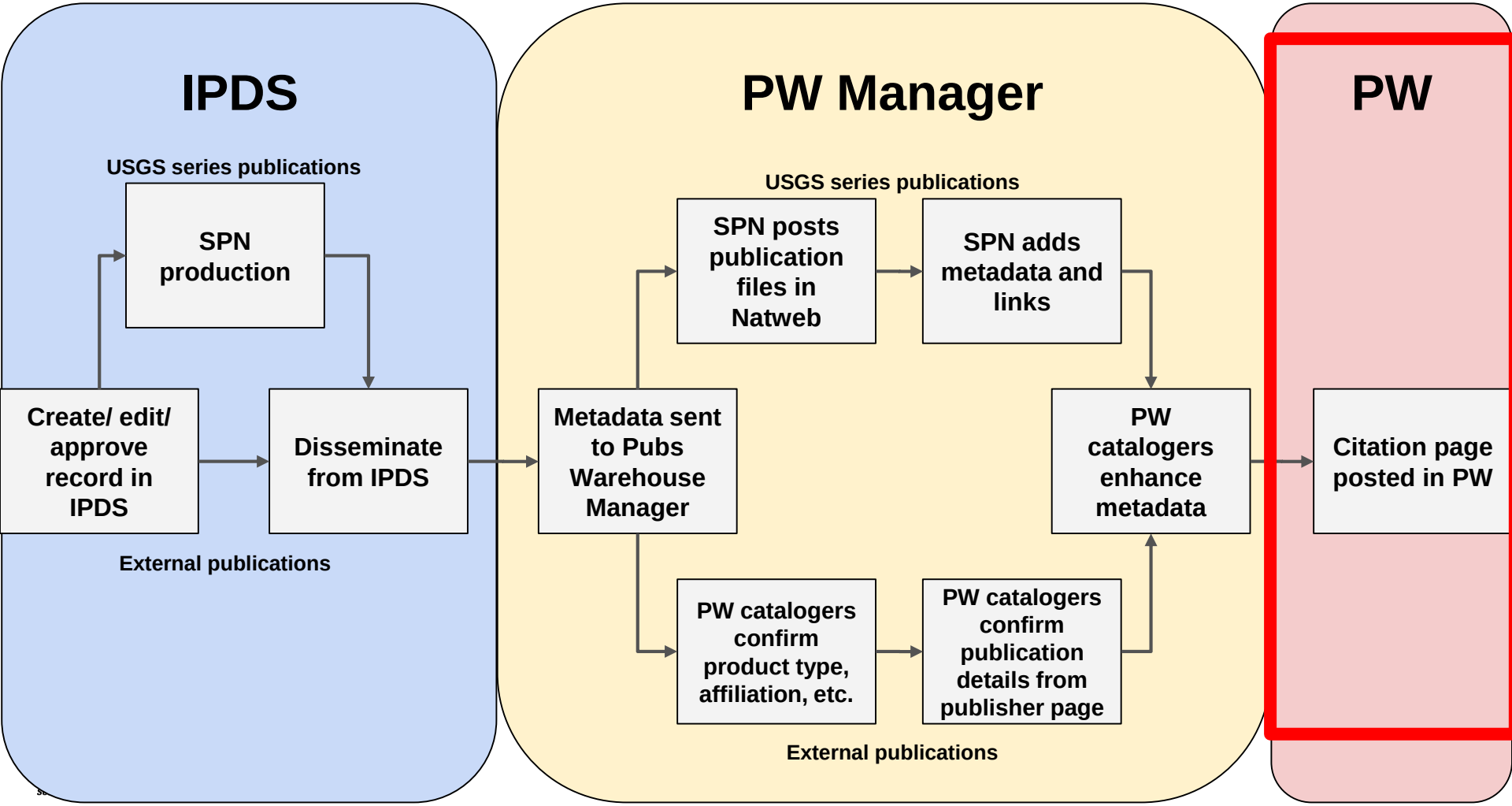
Publications Warehouse website



Publications Warehouse website

- Records edited/approved by cataloging team immediately made available to public

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Publications Warehouse design

- Responsive design
  - Works on tablets, mobile phones, and desktops
- Semantic HTML5
  - Content is more accessible and meaningful to all users, human and machine
- U.S. Web Design Standards
  - Follows standards for federal government website design
- Migration to the cloud
  - Increased stability

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USGS Publications Warehouse: https://pubs.er.usgs.gov

An official website of the United States government Here's how you know

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FAQs

USGS Publications Warehouse

The Pubs Warehouse provides access to over 160,000 publications written by USGS scientists over the century-plus history of the bureau.

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Basic search

Search for Publications

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Advanced search

RSS feed

New Publications by USGS Authors

Assessment of undiscovered continuous oil and gas resources in the Upper Ordovician Point Pleasant Formation and Utica Shale of the Appalachian Basin Province, 2019

2019, Fact Sheet 2019-3044

Assessment of undiscovered gas resources in the Middle Devonian Marcellus Shale of the Appalachian Basin Province, 2019

2019, Fact Sheet 2019-3050

Reaffirmed occurrence of two vulnerable caddisfly species of conservation concern

2019, Report

Tweets by @USGS_Pubs

USGS Pubs Warehouse @USGS_Pubs

Water for Long Island—Now and for the future, ow.ly/WzhM50wozbS

16s

USGS Pubs Warehouse @USGS_Pubs

U.S. Geological Survey energy and wildlife research annual report for 2019, ow.ly/8ZAW50woyOI

Search for Publications

Advanced search

Advanced search category

- Select -

Title:

Contributor Name:

Contributing Office: - Select -

ORCID:

Year Published:

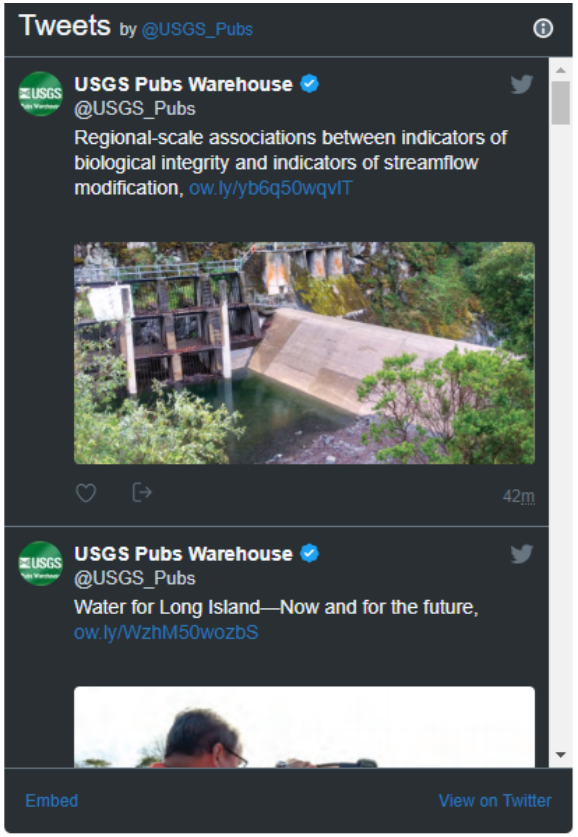
Publication Type: - Select -

Publication Subtype: - Select -

Series Name: - Select -

Report Number:

Search | Clear Advanced Search



USGS Publications Warehouse | Explore | Documentation | Contact

Search Results

Search for Publications

Appalachian Basin Province

Search query

Search | Show Advanced Search

Download formats

83 results.

Alternate formats: Download search results as RIS | CSV | TSV | Excel | RSS feed based on this search | JSON version of this page of results

Page 1, results 1 - 25

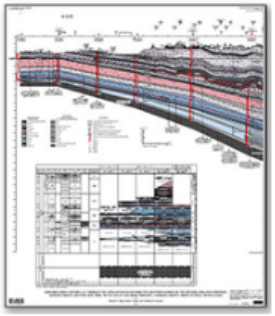
Search results

Show results on a map

Assessment of undiscovered continuous oil and gas resources in the Upper Ordovician Point Pleasant Formation and Utica Shale of the Appalachian Basin Province, 2019
Catherine B. Enomoto, Michael H. Trippi, Debra K. Higley, Ronald M. Drake II, Stephanie B. Gaswirth, Tracey J. Mercier, Michael E. Brownfield, Heidi M. Leathers-Miller, Phuong A. Le, Kristen R. Marra, Marilyn E. Tennyson, Cheryl A. Woodall, Christopher J. Schenk
2019, Fact Sheet 2019-3044
Using a geology-based assessment methodology, the U.S. Geological Survey estimated undiscovered, technically recoverable continuous mean resources of 1.8 billion barrels of oil and 117.2 trillion cubic feet of gas in the Upper Ordovician Point Pleasant Formation and Utica Shale of the Appalachian Basin Province....

Assessment of undiscovered gas resources in the Middle Devonian Marcellus Shale of the Appalachian Basin Province, 2019
Debra K. Higley, Catherine E Enomoto, Heidi M. Leathers-Miller, Geoffrey S. Ellis, Tracey J. Mercier, Christopher J. Schenk, Michael H. Trippi, Phuong A. Le, Michael E. Brownfield, Cheryl A. Woodall, Kristen R. Marra, Marilyn E. Tennyson
2019, Fact Sheet 2019-3050
Using a geology-based assessment methodology, the U.S. Geological Survey estimated undiscovered, technically recoverable continuous mean resources of 96.5 trillion cubic feet of gas in the Middle Devonian Marcellus Shale of the Appalachian Basin Province....

Geologic cross section A–A′ through the Appalachian basin from the southern margin of the Ontario Lowlands province, Genesee County, western New York, to the Valley and Ridge province, Lycoming County, north-central Pennsylvania



Geologic Cross Section *A–A′* Through the Appalachian Basin from the Southern Margin of the Ontario Lowlands Province, Genesee County, Western New York, to the Valley and Ridge Province, Lycoming County, North-Central Pennsylvania

Scientific Investigations Map 3425

By: Michael H. Trippi, Robert T. Ryder, and Catherine B. Enomoto

https://doi.org/10.3133/sim3425

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Links

- Document: **Report** (999 KB pdf)
- Sheets:
  - **Sheet 1** (6.44 MB pdf)
  - **Sheet 2** (7.12 MB pdf)
- Open Access Version: Publisher Index Page
- Download citation as: RIS | Dublin Core

Introduction

Geologic cross section *A–A′* is the fifth in a series of cross sections constructed by the U.S. Geological Survey (USGS) to document and improve understanding of the geologic framework and petroleum systems of the Appalachian basin. Cross section *A–A′* provides a regional view of the structural and stratigraphic framework of the Appalachian basin from the southern margin of the Ontario Lowlands province in western New York, across the Allegheny Plateau province of central New York and north-central Pennsylvania, to the Valley and Ridge province in north-central Pennsylvania, a distance of approximately 176 miles. This cross section is a companion to cross sections *E–E′*, *D–D′*, *C–C′*, and *I–I′* that are located approximately 100 to 500 miles to the southwest. Cross section *A–A′* complements earlier geologic or stratigraphic cross sections through the central New York and north-central Pennsylvania part of the Appalachian basin. Although some of these other cross sections show more structural and stratigraphic detail, they are of more limited extent geographically and stratigraphically.

Cross section *A–A′* contains much information that is useful for evaluating energy resources in the Appalachian basin. Althoug

First posted April 9, 2019

For additional information, contact:

Eastern Energy Resources Science Center
U.S. Geological Survey
954 National Center
12201 Sunrise Valley Drive
Reston, VA 20192

Title

Series info

Authors

DOI

Full-text report links

Citation download options

Abstract

Contact information

Suggested Citation

Trippi, M.H., Ryder, R.T., and Enomoto, C.B., 2019, Geologic cross section *A–A'* through the Appalachian basin from the southern margin of the Ontario Lowlands province, Genesee County, western New York, to the Valley and Ridge province, Lycoming County, north-central Pennsylvania: U.S. Geological Survey Scientific Investigations Map 3425, 2 sheets, 74-p. pamphlet, https://doi.org/10.3133/sim3425.

ISSN: 2329-132X (online)

ISSN: 2329-1311 (print)

Citation

Study Area

Study area

Table of Contents

Bibliographic metadata

Additional publication details

Publication type	Report
Publication Subtype	USGS Numbered Series
Title	Geologic cross section A–A′ through the Appalachian basin from the southern margin of the Ontario Lowlands province, Genesee County, western New York, to the Valley and Ridge province, Lycoming County, north-central Pennsylvania
Series title	Scientific Investigations Map
Series number	3425
DOI	10.3133/sim3425
Year Published	2019
Language	English
Publisher	U.S. Geological Survey
Publisher location	Reston, VA
Contributing office(s)	Eastern Energy Resources Science Center
Description	Report: iii, 74 p.; 2 Sheets: 35.25 x 41.00 inches and 44.25 x 41.00 inches
Country	United States
State	New York, Pennsylvania
Online Only (Y/N)	N
Additional Online Files (Y/N)	Y

Raw Parsed


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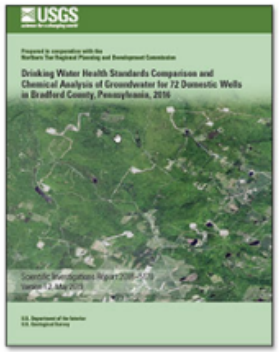
JSON version of citation page

Digital Object Identifiers (DOIs)

- Persistent identifiers
- All USGS series publications have CrossRef DOIs assigned
- Citeable, trackable, discoverable



Drinking Water Health Standards Comparison and Chemical Analysis of Groundwater for 72 Domestic Wells in Bradford County, Pennsylvania, 2016

Scientific Investigations Report 2018-5170

Prepared in cooperation with the Northern Tier Regional Planning and Development Commission

By: John W. Clune and Charles A. Cravotta III

https://doi.org/10.3133/sir20185170

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CrossRef DOI

Links

- Document: **Report** (8.01 MB pdf)
- Data Release: **USGS data release** - Compilation of Data Not Available in the National Water Information System for Domestic Wells Sampled by the U.S. Geological Survey in Bradford County, Pennsylvania, May-August 2016
- Version History: **Version History** (1.24 KB txt)
- Open Access Version: Publisher Index Page
- Download citation as: RIS | Dublin Core

Abstract

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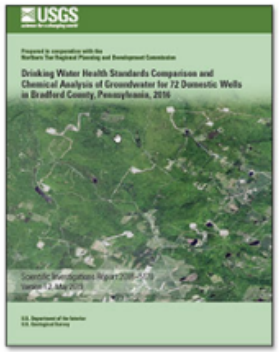
Associated data links

- USGS required to release data with publication
- Provide DataCite DOI for associated data release



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Links

DataCite DOI

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- Open Access Version: Publisher Index Page
- Download citation as: RIS | Dublin Core

Abstract

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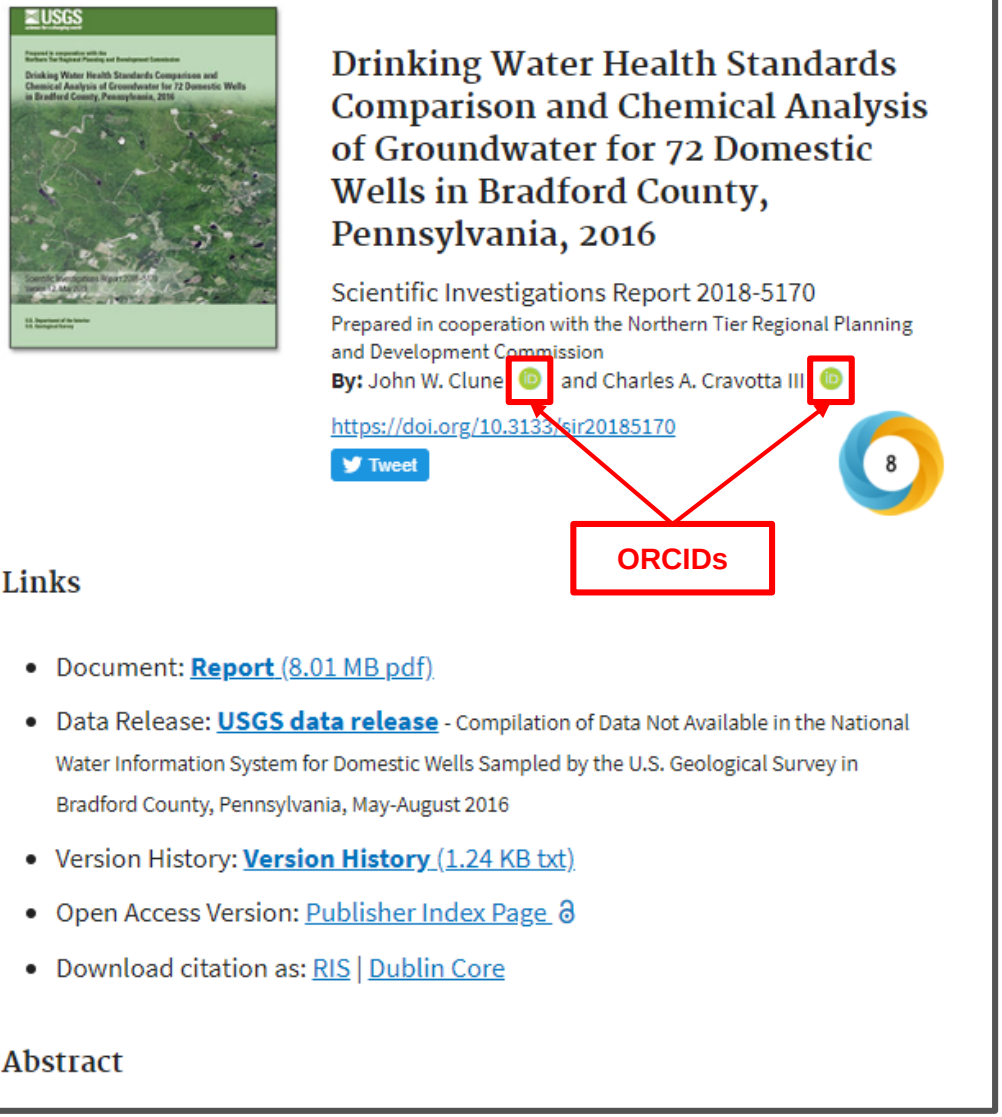
ORCIDs

- Persistent identifiers for people
- Every USGS author required to have ORCID



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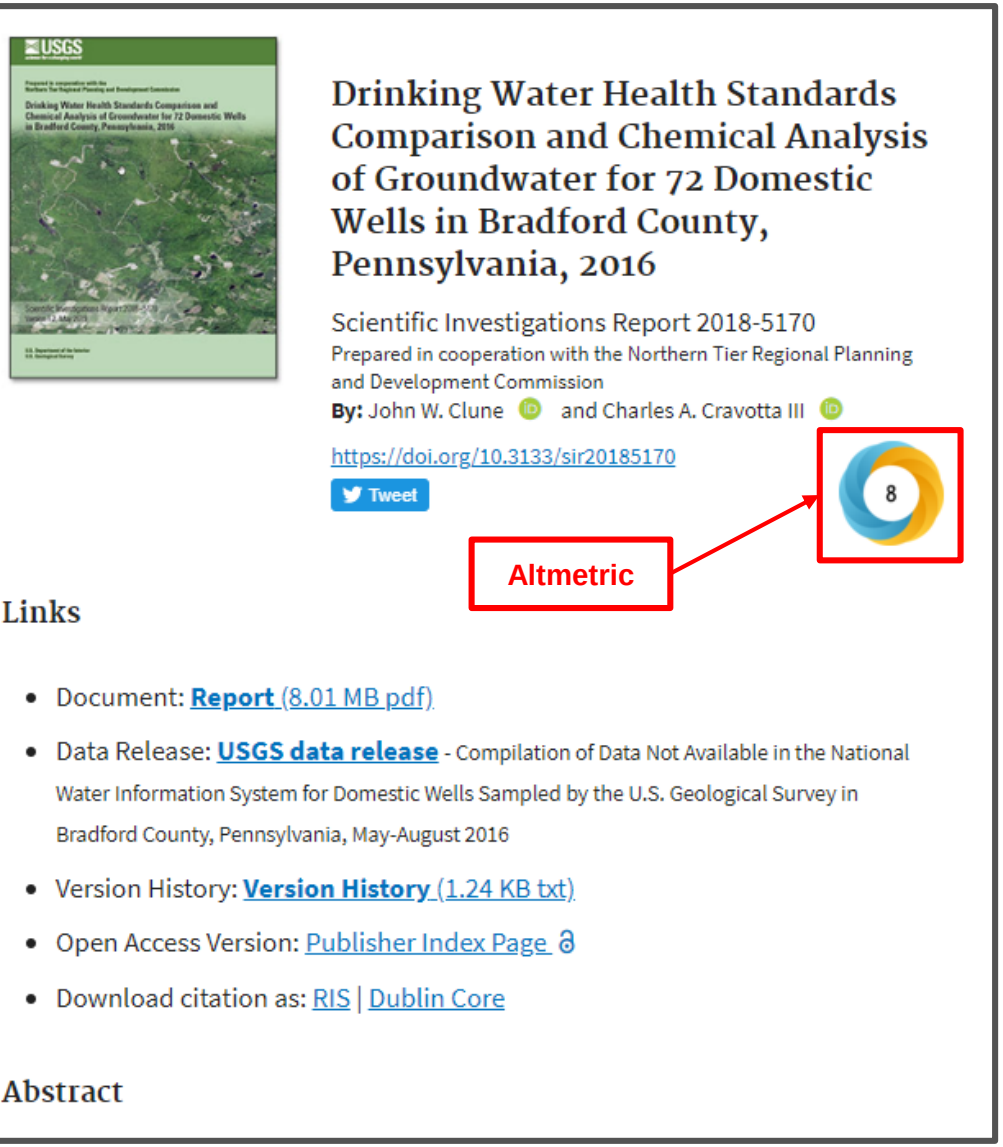
Altmetric

- Provides online attention score for individual publications
- Badges display on citation pages



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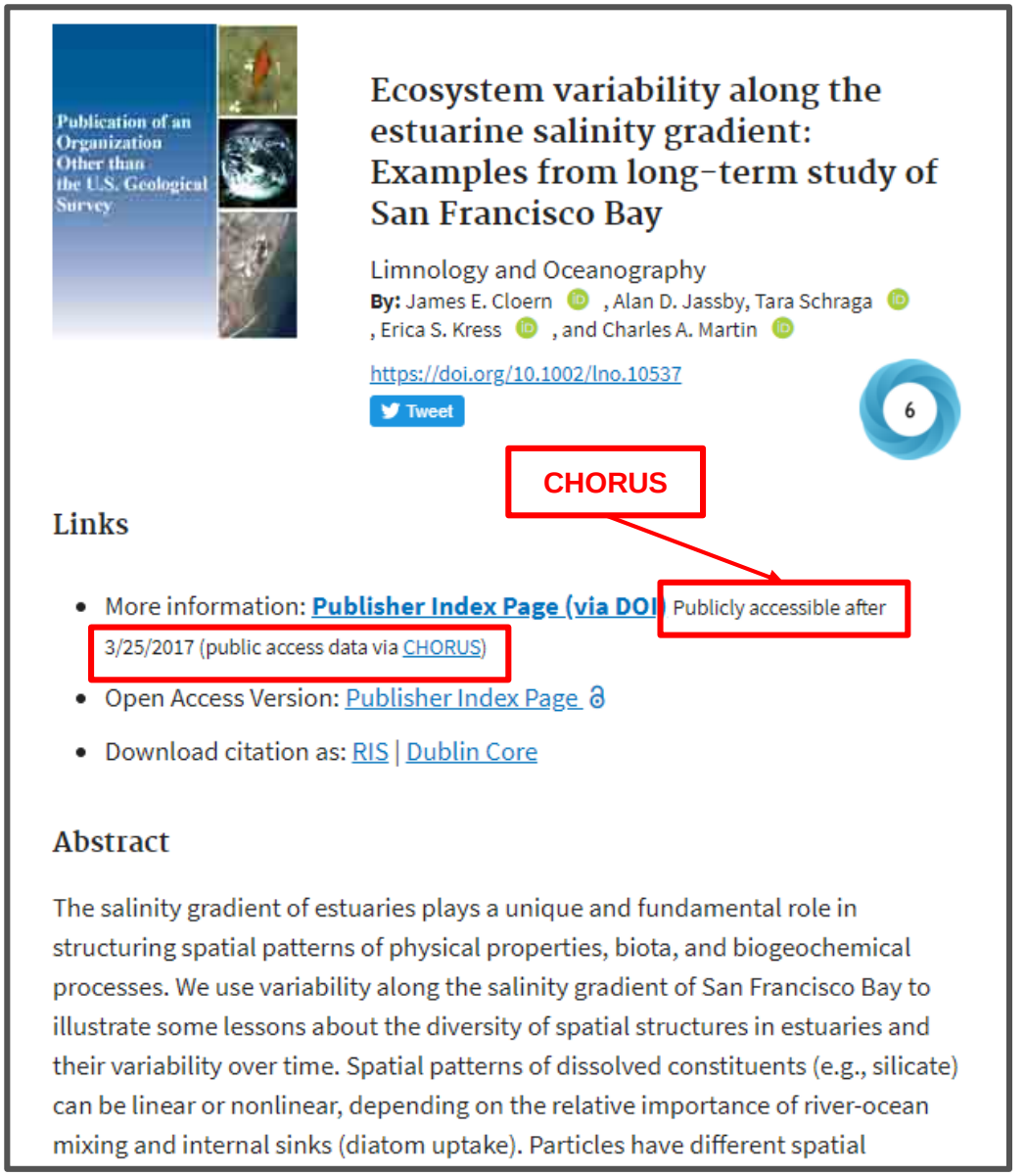
CHORUS

- Clearinghouse for the Open Research of the United States
- Provides public access date information for publications



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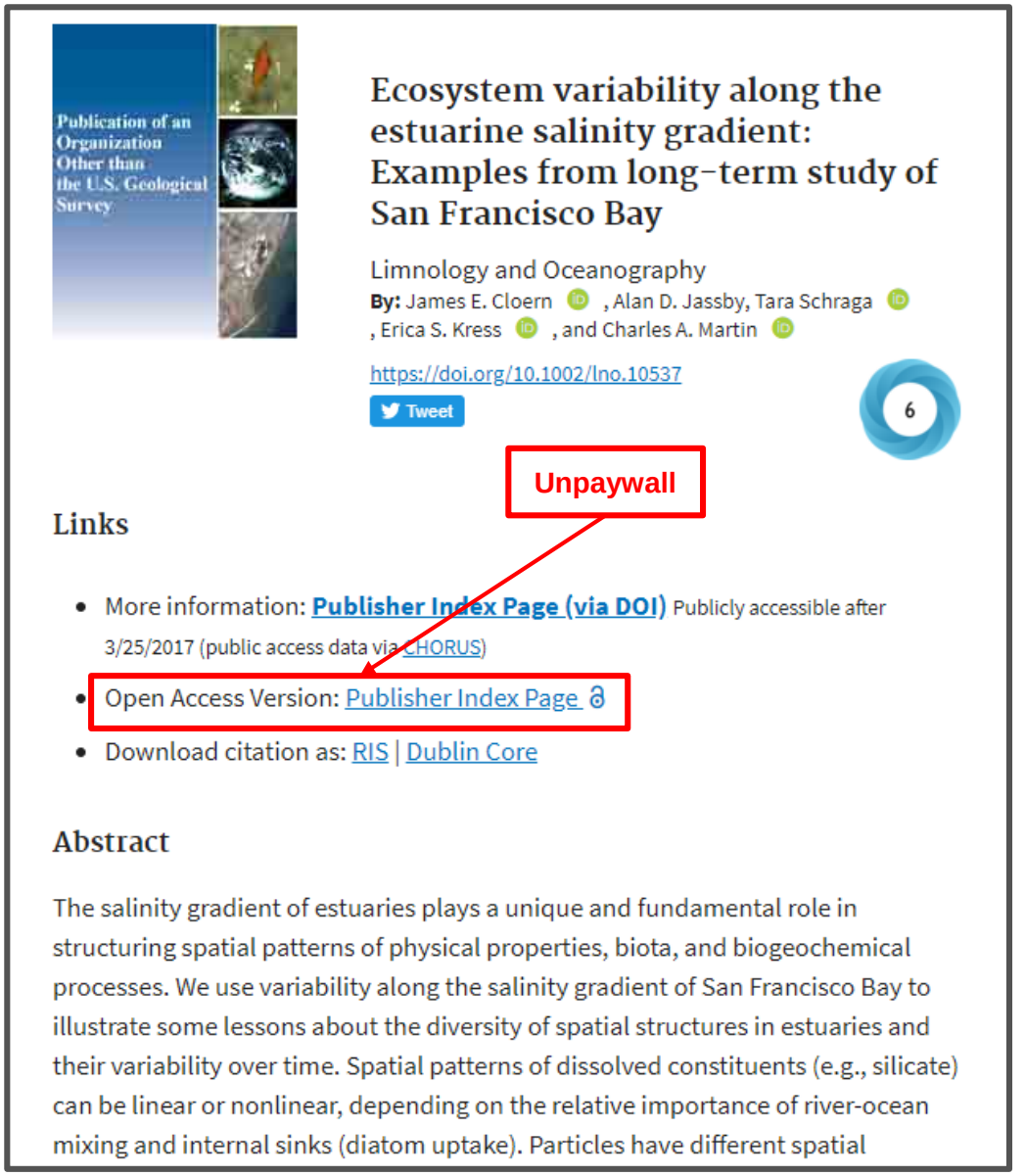
Unpaywall

- Identifies open access versions through publisher and other repos
- Adds open access links to articles on citation pages



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Publications Warehouse API

- Site is dynamic and service driven
- Web service can be queried using a RESTlike technique
- API is open to anyone to use

REST parameter	Argument	Domain Value URL	Discussion
q	*any text string*		The core pubs warehouse search parameter, searches a text index of all fields of pubs warehouse. Common words (a, as, the, etc) are dropped from the search, and plurals (e.g. hurricane vs. hurricanes) are combined.
title	text string		An exact match for the string within the title of a publication
contributingOffice	text string	https://pubs.er.usgs.gov/pubs-services/lookup/costcenters?mimetype=json	The name of the USGS organization which contributed this publication. There is a domain value service for contributing office. The data behind this particular field is best starting in roughly 2012, though some offices have much better data.
contributor	text string		any text string matching a contributor, with the right side if the sting wildcarded. For example, wild will match both wild and wildlife. For more recent publications, the email address of usgs contributors is also indexed.
year	number (4 digit)		exact match for year published
startYear	number		Return publications that were published in or after this year.
endYear	number		Return publications that were published in or before this year
typeName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationtypes?mimetype=json	
subtypeName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationsubtypes?mimetype=json&publicationtypeid=4	
seriesName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationseries?active=n&mimetype=json&publicationsubtypeid=12&text=as	
reportNumber	string		matches a USGS or other agency report number

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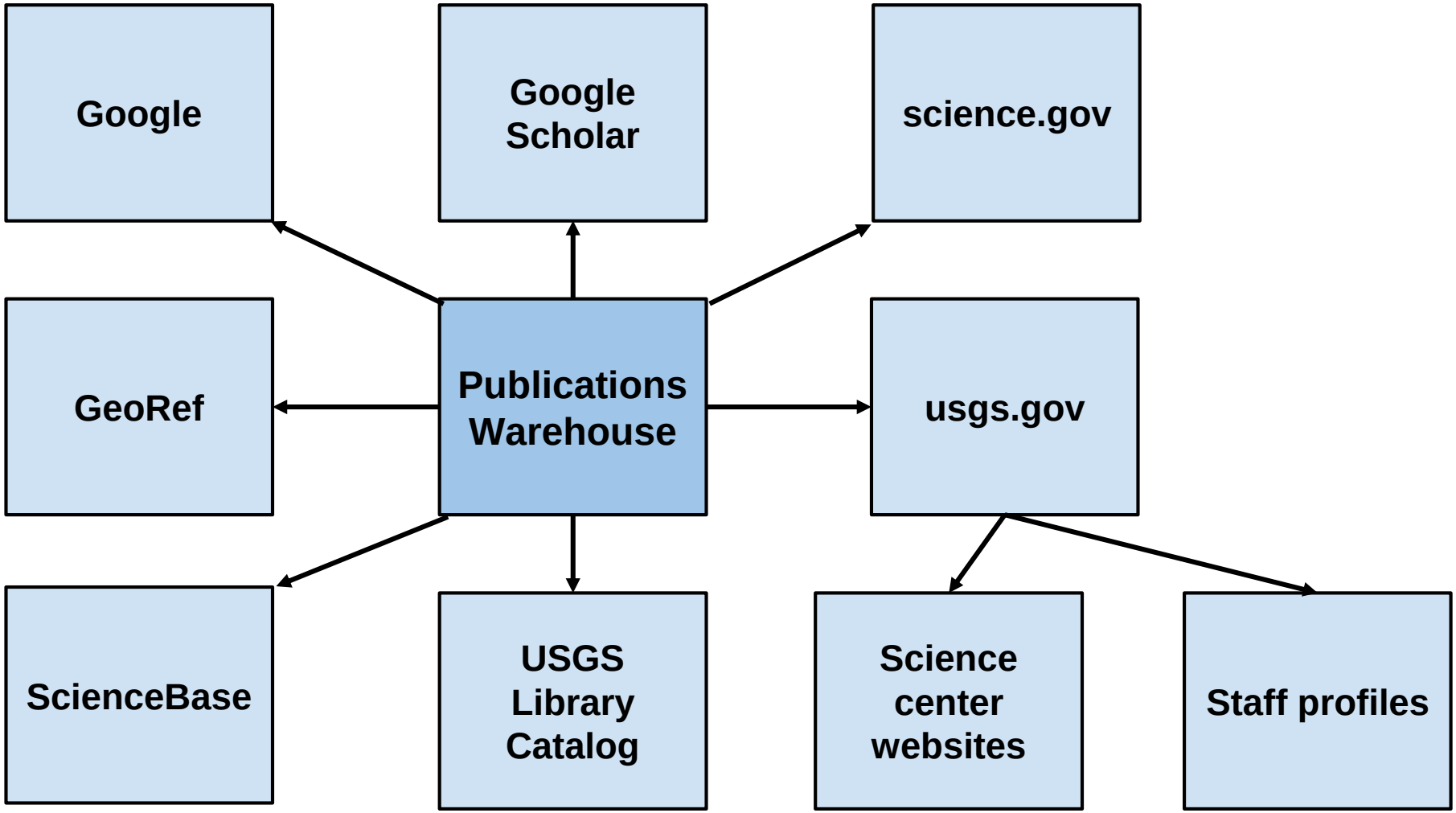
Publications Warehouse API users



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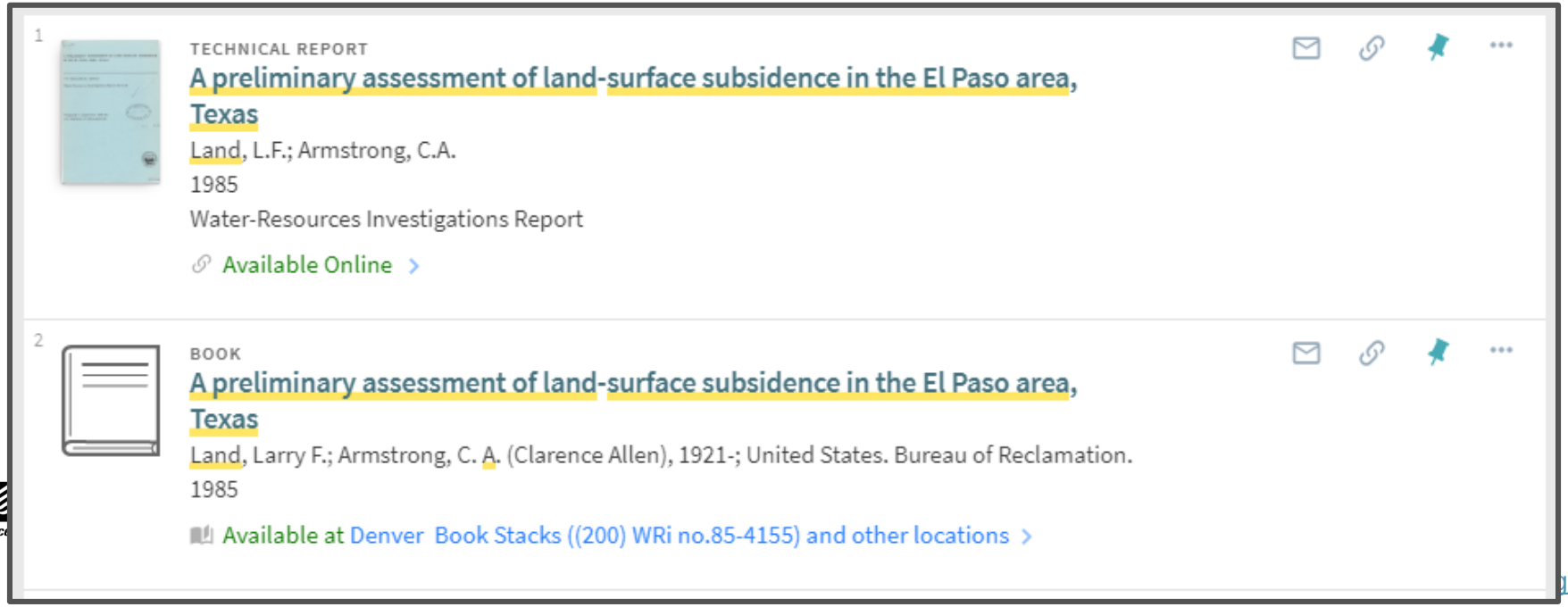
USGS Library Catalog

- Pubs Warehouse records now display in the Library catalog
- Search “Everything” to return print & Pubs Warehouse results



USGS Library Catalog

TECHNICAL REPORT

A preliminary assessment of land-surface subsidence in the El Paso area, Texas

Land, L.F.; Armstrong, C.A.

1985

Water-Resources Investigations Report - 85-4155

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Details

Title	A preliminary assessment of land-surface subsidence in the El Paso area, Texas
Creator	Land, L.F. > Armstrong, C.A. >
Publisher	U.S. Geological Survey
Creation Date	1985
Series Title	Water-Resources Investigations Report
Series Code	WRI
Series Number	85-4155
Citation	A preliminary assessment of land-surface subsidence in the El Paso area, Texas; 1985; WRI; 85-4155; Land, L. F.; Armstrong, C. A.
Type	Technical Report

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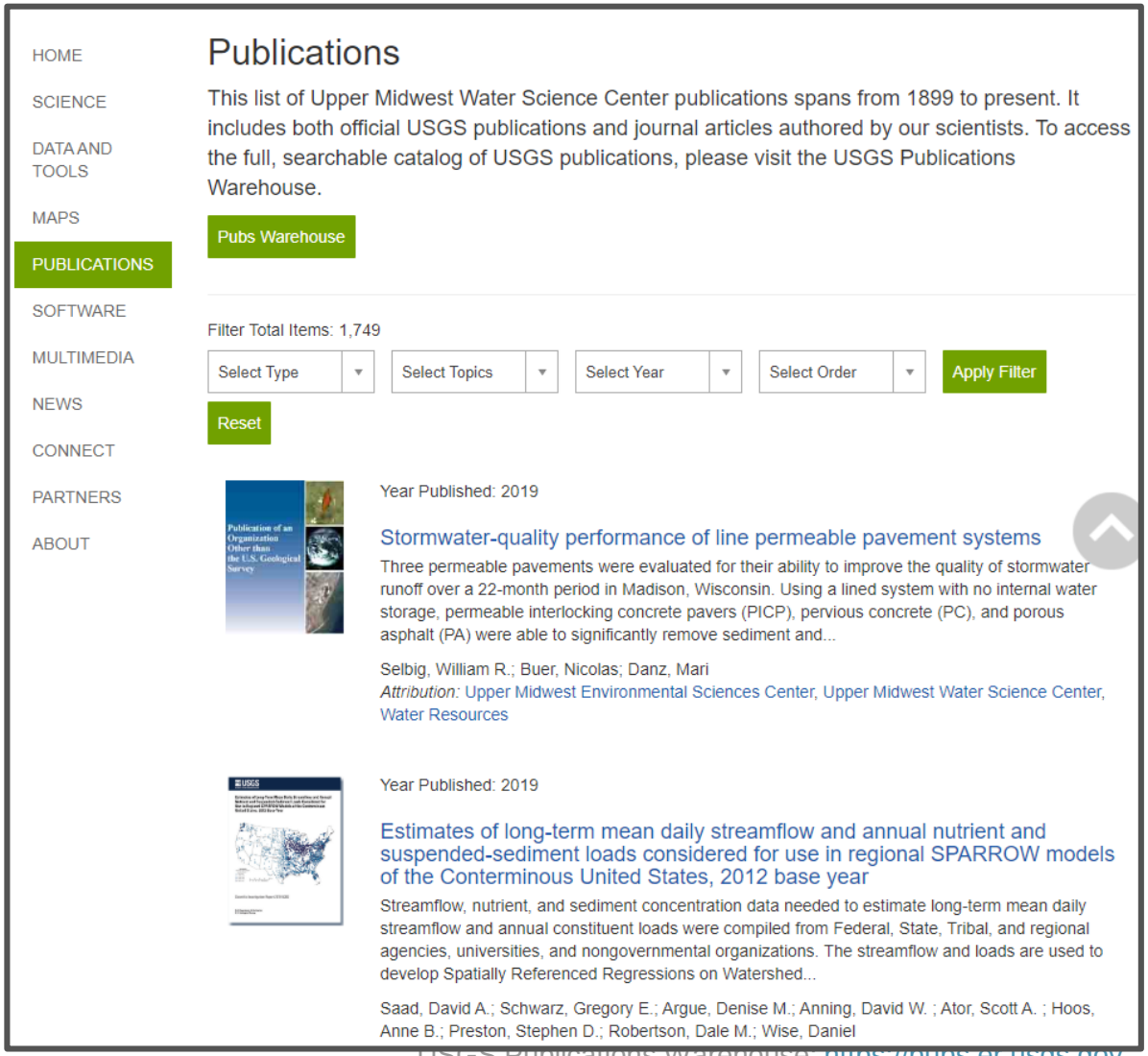
[Example of PW record in Library catalog]

USGS.gov science center webpages

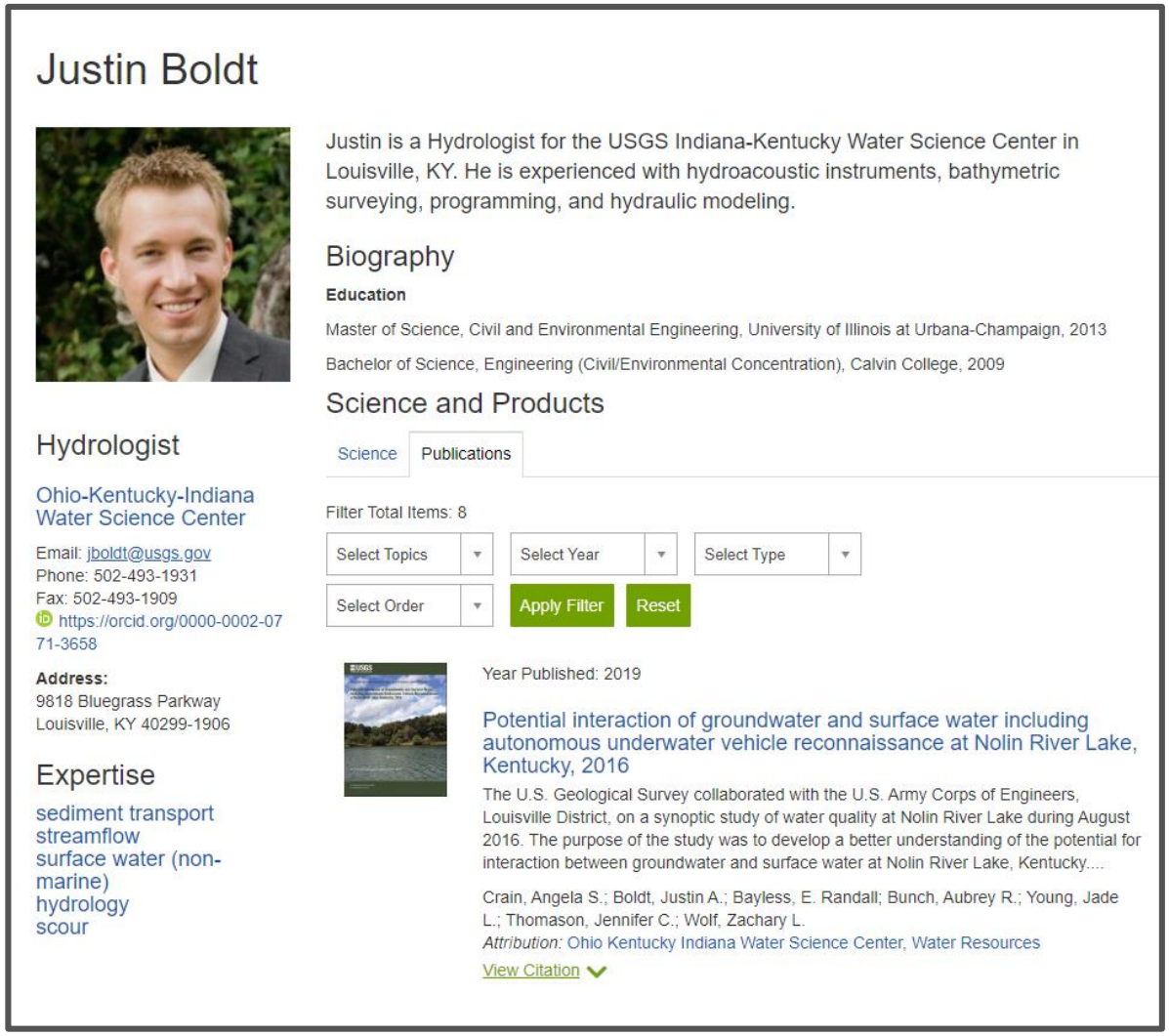
- Publications Warehouse automatically populates associated publications for USGS science center webpages



USGS Publications Warehouse: https://pubs.er.usgs.gov

USGS.gov staff profiles

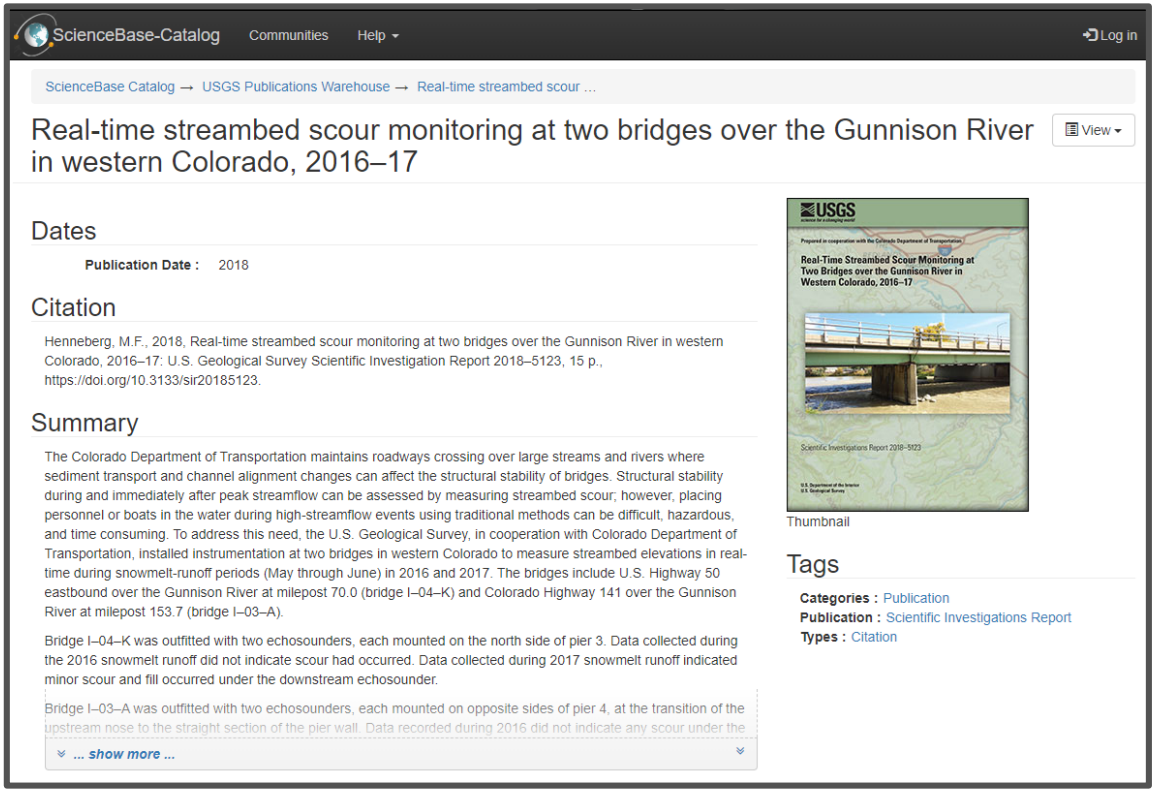
- Publications Warehouse automatically populates associated publications for USGS staff on their profile webpages



USGS Publications Warehouse: https://pubs.er.usgs.gov

USGS ScienceBase

- All USGS Publications Warehouse records are available through USGS ScienceBase
- https://www.sciencebase.gov



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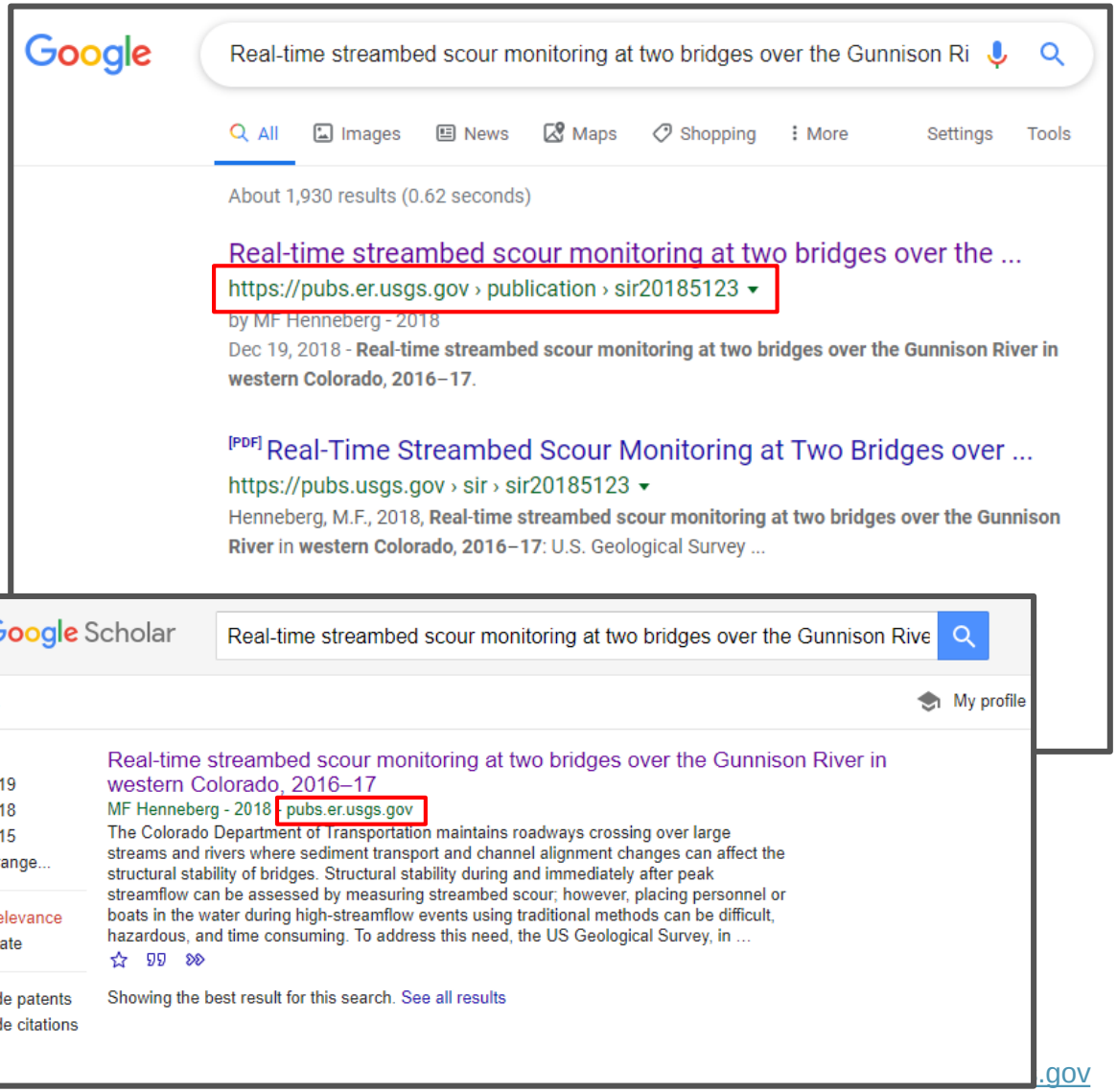
Google and Google Scholar

- Publications Warehouse is fully indexed by search engines



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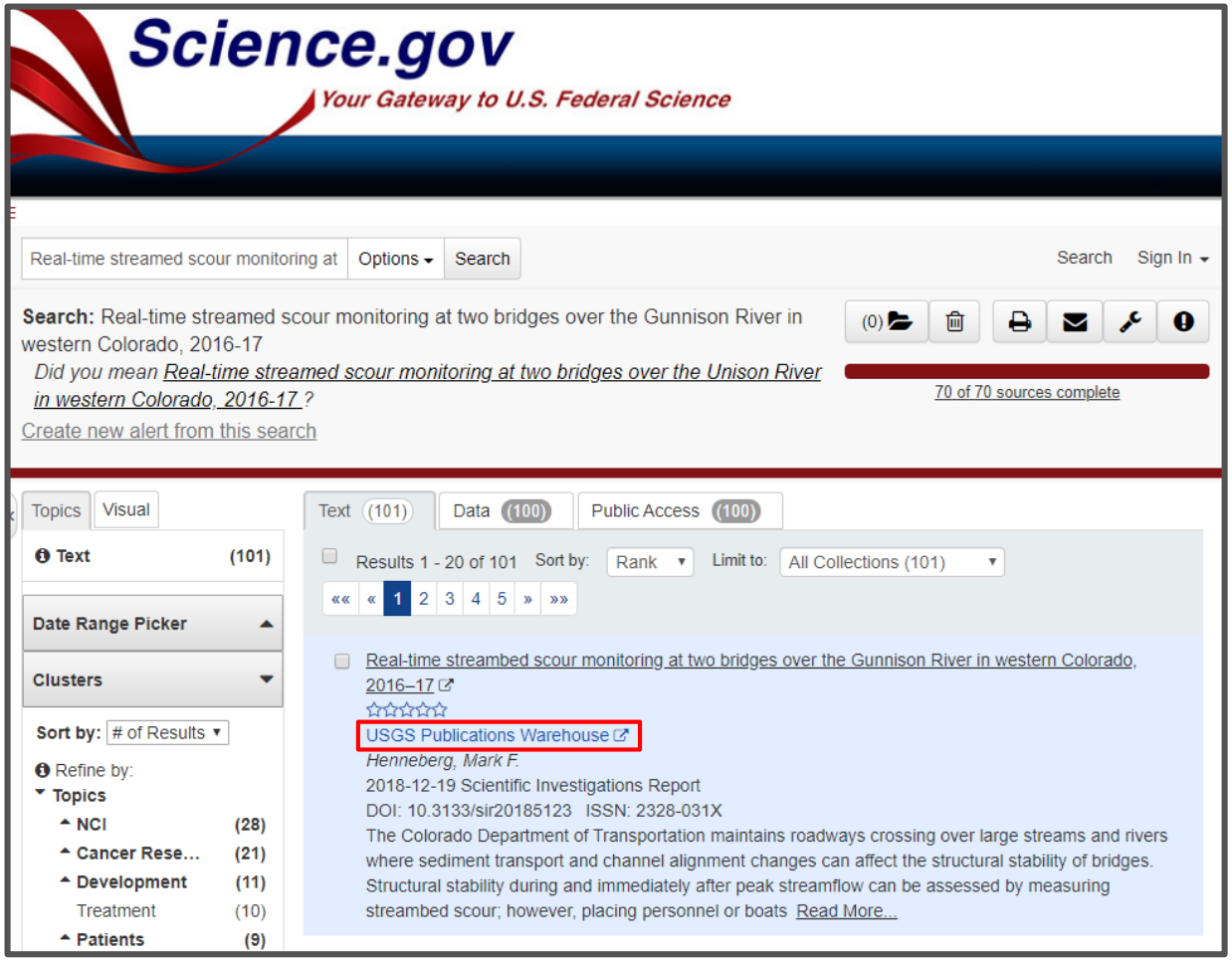
.gov

Science.gov

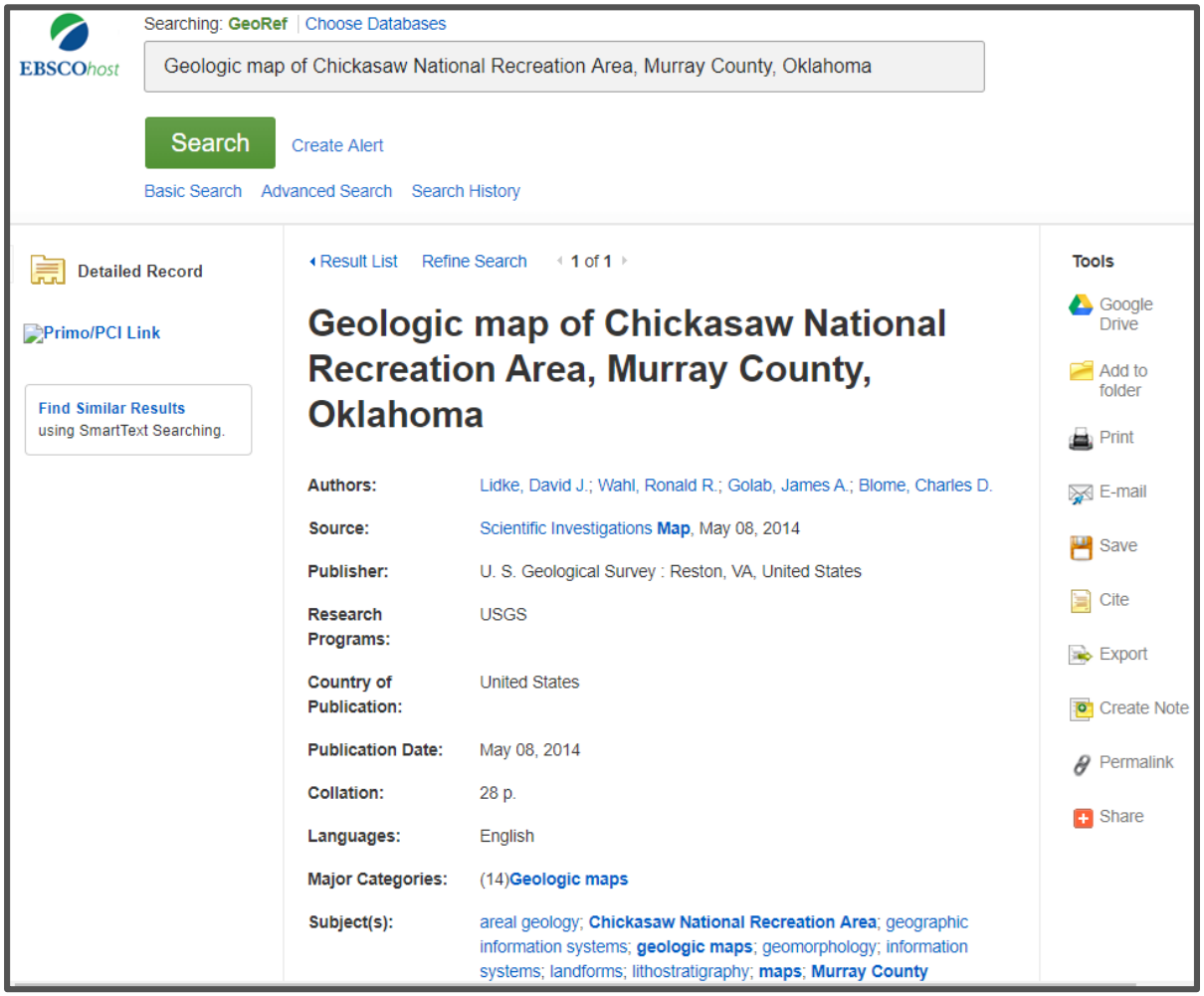
- Find USGS publications in science.gov via data from the Publications Warehouse



USGS Publications Warehouse: https://pubs.er.usgs.gov

GeoRef

- GeoRef indexes a subset of USGS publications



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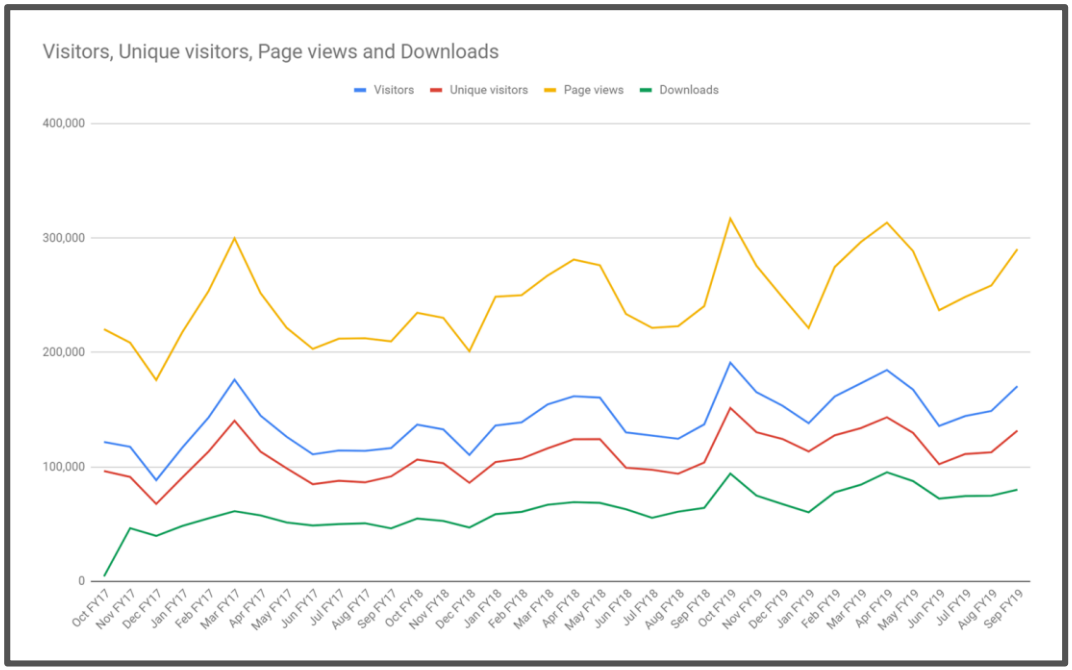
FY19 Publications Warehouse statistics

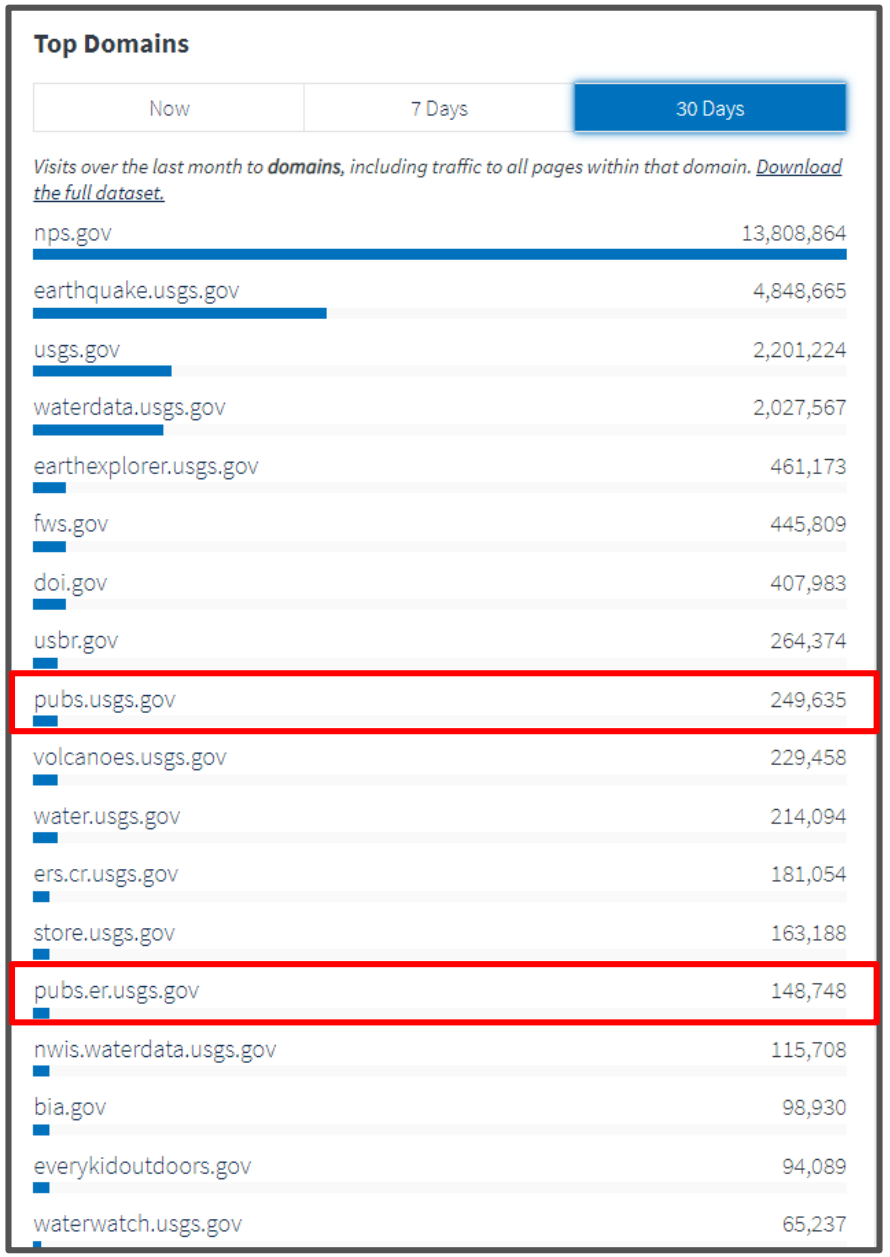
- **Website traffic**
  - 1,934,726 visitors
  - 1,512,678 unique visitors
  - 3,270,406 page views
  - 943,714 downloads
- **Citation records**
  - Added: 3,000+
  - Updated: 13,000+



USGS science for a changing world

Publications Warehouse statistics

- Consistently a top website in all of Department of Interior



USGS science for a changing world

Publications Warehouse future

- XML publishing
  - USGS series reports will be made available in machine-readable XML formats, output to several additional formats
- Interface improvements
  - Improved Advanced search options, improved contributor searching, improved ORCID searching
- Data improvements
  - Google analytics metrics for each citation page, query by DOI, additional organizational tags

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Thank you!

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Digitization Librarian, USGS Library

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