

GeoRef Overview - 2022

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GSIS, May 18, 2022

GeoRef Overview - 2022

- International bibliographic database for the geosciences produced by the American Geosciences Institute
- 4.3 million references
- Subjects Covered -- all the geological disciplines including Mineralogy, Paleontology, Economic Geology, Geologic Mapping, Environmental Geology, etc.

GeoRef Overview - 2022

- Includes the following print bibliographies:
 - Bibliography and Index of Geology, 1969-2005
 - Bibliography of North American Geology, 1785-1970
 - Bibliography and Index of Geology Exclusive of North America, 1933-1969
 - Geophysical Abstracts, 1966-1969
 - Mineralogical Abstracts, 1982-2002?
 - AESIS (selectively)

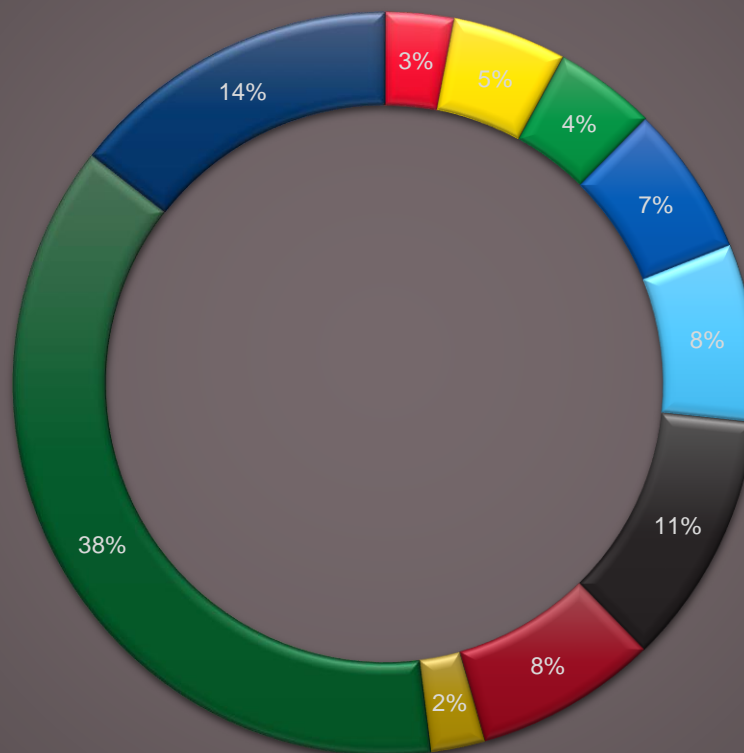
GeoRef Overview - 2022

- Oldest reference – published in 1666
- Includes references to journal articles, books, maps, government reports, conference proceedings and conference abstracts, theses and dissertations
- Continuous coverage
 - North America – 1669 to present
 - Rest of the world – 1933 to present
 - Selective coverage of international journals prior to 1933

GeoRef Overview - 2022

- Publications from 140 countries – 2001-2020
- Publications in 60 languages – 2001-2020
- 3,506,000 papers from series
- 1,486,000 conference papers or abstracts
- 354,817 books and book chapters
- 138,000 maps
- 133,000 theses/dissertations – U.S/Canada

Publications by Country covered in GeoRef over the last 20 year



■ Australia ■ Canada ■ China ■ Germany ■ Great Britain ■ International ■ Netherlands ■ Russian Federation ■ United States ■ Other

Publication Languages covered in GeoRef -- 20 year history



■ Chinese ■ English ■ French ■ German ■ Japanese ■ Russian ■ Spanish ■ Other

GeoRef Overview - 2022

- Tiered pricing structure based on the number of geoscientists
- > 2000 subscribing organizations in 2020
- Distributed by third-party data-base providers
 - Proquest/Dialog
 - Ebsco
 - Ovid
 - GeoScienceWorld
 - Elsevier/Engineering Village
 - STN

GeoRef Overview - 2022

- Who produces GeoRef?
 - Staff of 33 plus 4 independent contractors
 - 23 staff with geoscience backgrounds and foreign language capabilities
 - Alexandria, Austin, Boulder, Seattle, Champaign, Bloomington, London
 - Goal to produce 100,000 + new references in 2022
 - Increases in journal articles, open access articles
 - Declines in conference proceedings, theses/dissertations
 - Coordinate with members of the International Bibliographic Network

GeoRef Overview - 2022

- How do we locate all of the publications covered in GeoRef?
 - AGI acquisitions
 - Publishers
 - Distributed indexers
 - USGS library system
 - Digital publications
 - International bibliographic network
 - Germany, New Zealand, Spain, Canada, Australia, Poland, etc.

GeoRef Overview - 2022

- How do we locate all of the publications covered in GeoRef?
 - 75% digital publications – 2022
 - 450 journals supply metadata directly
 - 455 open access journals
 - 20 universities reporting theses in 2021
 - 510 series from IBN

GeoRef Overview – 2022

- GeoRef Related Products
 - GeoRef Previews/GeoRef In Process
 - GeoRef Thesaurus
 - Open Access Journals List
 - Priority Journals List
 - Subject Alerts
 - Custom Searches

GeoRef Overview – 2022

- GeoRef Related Products
 - Subscription Databases
 - AusGeoRef – Collaboration with Geoscience Australia
 - CanGeoRef – Collaboration with Canadian Federation for Earth Sciences
 - Groundwater and Soil Contamination Database
 - Arctic Bibliography (distributed through Ebsco's AAR database)

GeoRef Overview -- 2022

- Other Online Databases – Open
 - Bibliography of Cold Regions Research and Technology
 - Antarctic Bibliography
 - Geologic Guidebooks of North America
 - Scientific Ocean Drilling Bibliographic Database
 - MinAbs
 - Geological Surveys Database



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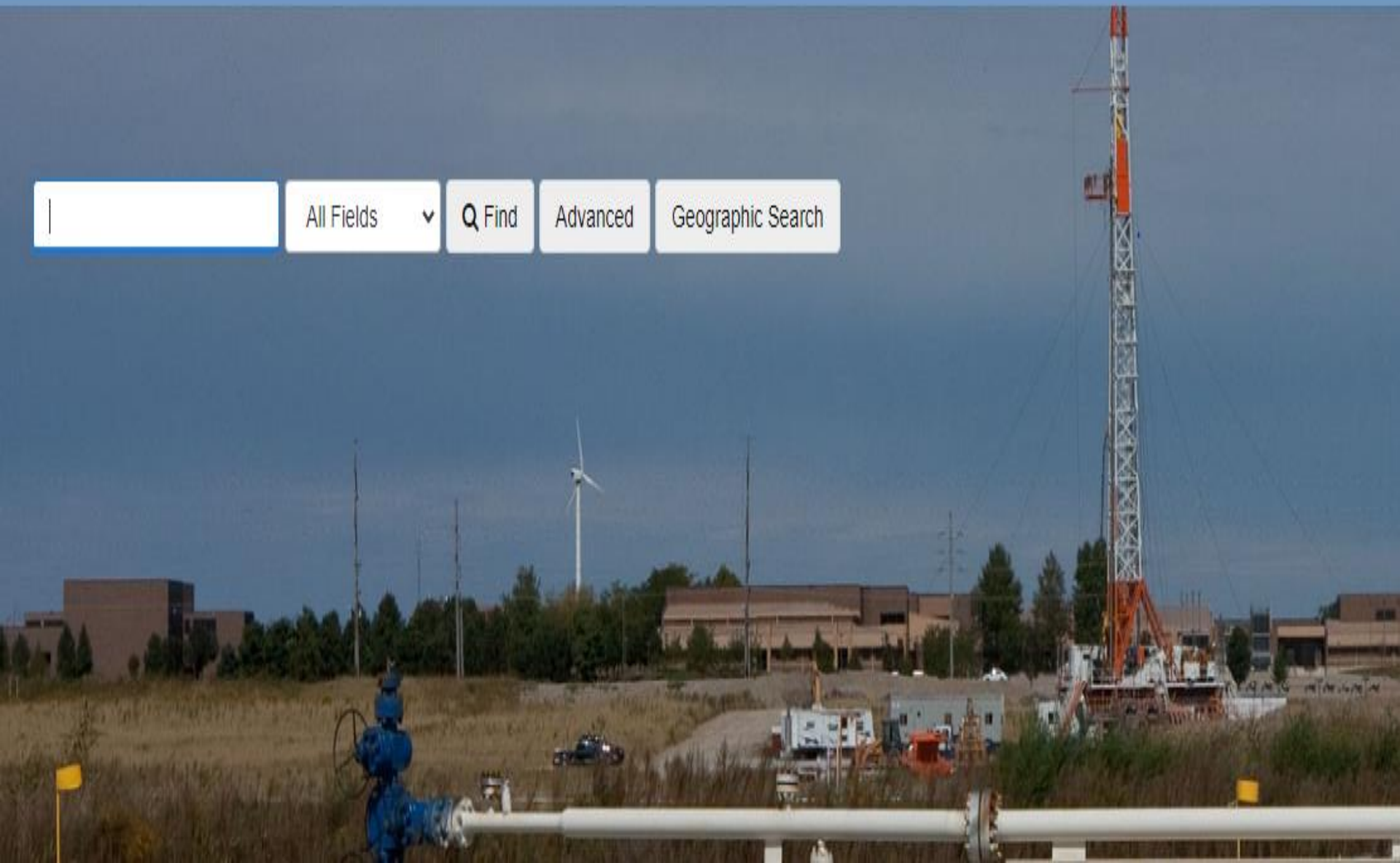
GeoRef Overview - 2022

- Midwest Geological Sequestration Consortium Research Database – supported by DOE/University of Illinois
 - Phase I complete
 - 570 documents referenced
 - Phase II beginning
 - Broader geographic area
 - Battelle reports



Midwest Geological Sequestration Consortium Research Publications Database

| All Fields ▾ 🔍 Find Advanced Geographic Search



GeoRef Overview – 2022

New Initiative

- UN Sustainable Development Goals
 - SDGs mapped to relevant GeoRef references
 - Primary goals:
 - SDG 2 : Zero Hunger
 - SDG 6: Clean Water and Sanitation
 - SDG 7: Affordable and Clean Energy
 - SDG 13: Climate Action
 - SDG 15: Life on Land
 - Publications from 2022 forward
 - Research programs – IODP, IGCP, etc.

GeoRef Overview - 2022

Geologic Guidebooks of North America Database

Artur Pacyga from AGI's 2014 Life in the Field contest

- Geologic Guidebooks of North America
 - Produced in cooperation with the Geoscience Information Society
 - 12,080 Guidebook references as of May 16, 2022
 - 1203 online guidebooks
 - 6920 searchable by lat/long
 - <https://guidebooks.americangeosciences.org/vufind/>

GeoRef Overview -- 2022



Amanda Huber, from AGI's 2016 Life in the Field contest

- Geological Surveys Database
 - More than 58,000 references with 20,000 documents searchable as full-text
 - Full-text search is supplemented with GeoRef's controlled vocabulary and GeoRef's lat/long data
 - Links to online publication or source
 - 4000 additional full-text documents in the queue
 - 44 state geological surveys participating
 - <https://statesurveys.americangeosciences.org/vufind/>

Collaboration with AGI's Critical Issues Program

Questions?