

GeoRef

FILE DESCRIPTION

GeoRef, the database of the American Geosciences Institute (AGI), covers worldwide technical literature on geology and geophysics. GeoRef corresponds to the print publications: *Bibliography and Index of North American Geology*, *Bibliography of Theses in Geology*, and the *Geophysical Abstracts, Bibliography and Index of Geology Exclusive of North America*. GeoRef organizes and indexes papers from more than 13,000 serials and other publications representative of the interests of the 50 professional geological and earth science societies that are members of the AGI.

GeoRef is international in coverage with about 40% of the indexed publications originating in the United States and the remainder from outside the U.S. Publications of international organizations represent about 7% of the file. The database includes current coverage of more than 3,500 journals as well as books and book chapters, conference papers, government publications, theses, dissertations, reports, maps, and meeting papers.

SUBJECT COVERAGE

The subject coverage of the publications indexed in GEOREF includes the following major areas:

- Areal Geology
- Economic Geology
- Energy Sources
- Engineering Geology
- Environmental Geology
- Extraterrestrial Geology
- Geochemistry
- Geochronology
- Geomorphology
- Geophysics
- Hydrology
- Marine Geology
- Mathematical Geology
- Mineralogy
- Mining Geology
- Paleontology
- Petrology
- Seismology
- Stratigraphy
- Structural Geology
- Surficial Geology

TIPS

USE FILE 89

to search for all information relating to geology, including environmental geology, energy sources, and paleontology.

USE LIMITS

to focus results:

- /ENG (English-language documents)
- /ABS (Only records which include an abstract)

USE THE ONLINE THESAURUS

to choose subject terms.

EXPAND (PETROLEUM EXPLORATION)

to see related, narrower, broader, "use for" terms, and scope notes.

USE GEOGRAPHICAL COORDINATES

to search for records relating to an area within a quadrangle, bounded by latitudes and longitudes.

SELECT N1=N36 AND N2=N38 AND
W1=W118 AND W2=W120

DIALOG FILE DATA

Inclusive Dates:

- 1669 to the present (North American material);
- 1933 to the present (worldwide material)

Update Frequency:

Biweekly (approximately 3,000 records per update)

File Size:

More than 3.3M records as of December 2011

CONTACT

GeoRef is produced by the American Geosciences Institute. Questions concerning file content should be directed to:

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SAMPLE RECORD

DIALOG(R)File 89:GeoRef
 (c) 2011 American Geosciences Institute. All rts. reserv.
 02056233 GEOREF NO.: 96-19605
JA=, AN= TITLE: Dating San Andreas Fault earthquakes with lichenometry
/TI AUTHOR(S): Bull, William B.
AU= CORPORATE SOURCE: University of Arizona, Geosciences Department,
CS= Tucson, AZ, United States
PU= PUBLISHER: Geological Society of America (GSA), Boulder, CO, United States
SO=, JN= SOURCE: Geology (Boulder) vol. 24 no. 2 p. 111-114
PY= DATE: 1996
CP= COUNTRY OF PUBLICATION: United States
CD=, SN= CODEN: GLGYBA ISSN: 0091-7613 REFS.: 20
DT= DOCUMENT TYPE: Serial BIBLIOGRAPHIC LEVEL: Analytic
IL= ILLUSTRATIONS: illus.; 1 table; sketch map
LA= LANGUAGE: English
NT= NOTE: With GSA Data Repository Item 9606
/AB ABSTRACT: Regional rockfall events in the Sierra Nevada of California are caused by distant earthquakes on the northern and southern San Andreas fault as well as by local earthquakes. Lichenometric dating of synchronous pulses of rockfalls that are presumed to be caused by five historical earthquakes suggests an accuracy of 2.2-3.5 yr (95% confidence level) for dating young events. Comparison of lichenometric ages for prehistorical rockfalls with precise radiocarbon ages of surface-rupture times at the Pallett Creek and Wrightwood paleoseismology sites indicates that earthquakes on the southern San Andreas fault caused rockfalls 200 to 400 km to the north. A major rockfall event at about A.D. 1690 supports the Fumal et al. (1993) model for a San Andreas fault earthquake that was not detected at Pallett Creek. The A.D. 1690 event in the chronology indicates that the earthquake recurrence interval was shorter and that the degree of clustering of times of earthquakes was less on the Mojave segment of the San Andreas fault than previously thought.
LN=, N1=, N2=, COORDINATES: Latitude: N360000 ; N380000 ; Longitude: W1180000 ;
LW=, W1=, W2= W1200000
/DE DESCRIPTORS: California; Cenozoic; Central California; chronology; coseismic processes; earthquakes; Fresno County California; geochronology; geologic hazards; Holocene; Kings Canyon National Park; lichenometry; Mariposa County California; mass movements; national parks; paleoseismicity; periodicity; Quaternary; rockfalls; San Andreas Fault; Sequoia National Park; Sierra Nevada; time variations; Tulare County California; Tuolumne County California; United States; upper Holocene; Yosemite National Park
/SH, SH= SECTION HEADINGS: 24 (Quaternary Geology); 03 (Geochronology)
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SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S SAN(W)ANDREAS(W)FAULT
/AB	AB	Abstract ¹	Word	S LICHENOMET?(W)(DATING OR AGE?)/AB
/DE	DE	Descriptor ²	Word & Phrase	S SAN(W)ANDREAS(W)FAULT/DE
/TI	TI	Title	Word	S UPPER HOLOCENE/DE S EARTHQUAKE?(1W)LICHENOMET?/TI

¹ Abstracts available for 10% of the records.

² Also /DF.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number		
AN=	AN	GEOREF Accession Number	Phrase	S AN=96-19605
AU=	AU	Author	Phrase	S AU=BULL, WILLIAM B.
AV=	AV	Availability ³	Word	S AV=(UNIV(W)MICROFILMS)
BN=	BN	International Standard Book Number (ISBN) ⁴	Phrase	S BN=0521238234 S BN=0-521-23823-4
CD=	CD	CODEN ^{4,5}	Phrase	S CD=GLGYBA
CL=	CL	Conference Location ³	Word	S CL=(PISA(W)ITALY)
CO=	CO	CODEN ^{4,5}	Phrase	S CO=GLGYBA
CP=	CP	Country of Publication ³	Phrase	S CP=UNITED STATES
CS=	CS	Corporate Source ³	Word	S CS=(UNIV?(W)ARIZONA)
CT=	CT	Conference Title ³	Word	S CT=(INTERNATIONAL(W)MINERALOGICAL)
CY=	CY	Conference Year ³	Phrase	S CY=1994
DT=	DT	Document Type ³	Phrase	S DT=SERIAL
ED=	ED	Edition Number ³	Word	S ED=3
IL=	IL	Illustrations, Maps ^{3,6}	Word & Phrase	S IL=(SKETCH(W)MAP) S IL=SKETCH MAP
JA=	JA	Journal Announcement	Phrase	S JA=96
JN=	JN	Journal Name ⁶	Phrase	S JN=GEOLOGY (BOULDER)
LA=	LA	Language	Phrase	S LA=ENGLISH
NT=	NT	Notes	Word	S NT=(GSA(W)DATA(W)REPOSITORY)
PU=	PU	Publisher	Word	S PU=(GEOLOGICAL(W)SOCIETY(1W)AMERICA)
PY=	PY	Publication Year ⁶	Phrase	S PY=1996
RN=	RN	Report Number ³	Word & Phrase	S RN=(DDS(W)0006) S RN=DDS-0006 S RN=DDS0006
—	RS	Reference Source		
SH=	SH	Section Heading Code and Name	Word & Phrase	S SH=(QUATERNARY(W)GEOLOGY) S SH=QUATERNARY GEOLOGY? S SH=24
SL=	SL	Summary Language ³	Phrase	S SL=FRENCH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0091-7613 S SN=00917613
SO=	SO	Source Information ¹⁰	Word	S SO=(GEOLOGY(S)24)
UD=	—	Update	Phrase	S UD=9999
UP=	UP	GeoRef Update	Phrase	S UP=199907
GEOGRAPHICAL COORDINATES^{4,7,8}				
E1=	E1	Longitude one, East	Phrase	S E1=E0350000 S E1=S035
E2=	E2	Longitude two, East	Phrase	S E2=E0322000 S E2=E032
LE=	LE	Longitude, East ⁹	Phrase	S LE=E0350000 S LE=E035
—	LL	Geographical Coordinates		
LN=	LN	Latitude, North ⁹	Phrase	S LN=N360000 S LN=N36
LS=	LS	Latitude, South ⁹	Phrase	S LS=S450000 S LS=S45
LW=	LL	Longitude, West ⁹	Phrase	S LW=W1180000 S LW=W118
N1=	N1	Latitude one, North	Phrase	S N1=N360000 S N1=N36
N2=	N2	Latitude two, North	Phrase	S N2=N380000 S N2=N38
S1=	S1	Latitude one, South	Phrase	S S1=S450000 S S1=S45
S2=	S2	Latitude two, South	Phrase	S S2=S400000 S S2=S40
W1=	W1	Longitude one, West	Phrase	S W1=W1180000 S W1=W118
W2=	W2	Longitude two, West	Phrase	S W2=W1200000 S W2=W120

³ For records from 1975 forward.⁴ For records from 1977 forward.⁵ Also searchable as CO=.⁶ Data contained in this field consists of 8 digits in the format YYYYMMDD.⁷ Geographical coordinates are specified as follows: start from the southeastern-most point, then travel north, then west, until four corners of the area have been defined, e.g., Latitude 1, Latitude 2, Longitude 1, Longitude 2; SELECT N1=N36 AND N2=N38 AND W1=W118 AND W2=W120⁸ The coordinates are cascaded at the full degree.⁹ Includes intermediate coordinates when a range is given.¹⁰ Search and Display include Journal Name, Volume, Issue, Pagination, and Publication Date.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	/ABS -- Abstract Present /ABS DT -- Original is an Abstract Only /ENG -- English-Language Publications /NOABS DT -- Original is not an Abstract /NONENG -- Non-English-Language Publications /YYYY -- Publication Year	S GLOBAL WARMING/ABS S SH=29A/ABS DT S UD=?/ENG S S1/NOABS DT S S2/ENG S HYDRAULIC FRACTURING/2011
SORT	AN, AU, CS, JN, PY, TI	SORT S1/ALL/AU SORT S2/ALL/PY/D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE	RANK DE RANK AU S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 89 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields ¹
5	--	Full Record ¹
6	Free	Title and Publication Year
7	Long	Bibliographic Citation and Abstract ¹
8	Short	Title, Indexing, and Publication Year
9	Full	Full Record ¹
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	User-defined formats may be specified using the display codes indicated in the Search Options tables.	TYPE S2/TI,AU,CS/1-10 PRINT S1/AU,TI,AB/ALL
TAG	TAG may be used for tagged fields.	TYPE S3/5/1-10 TAG PRINT S2/9/ALL TAG DISPLAY S1/7/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 01012344/5 DISPLAY 00130250/TI,AU PRINT 00917467/5

FOR ONLINE HELP:

See HELP FIELDS 89 for searchable fields; HELP FORMAT 89 for output formats; HELP LIMIT 89 for limits; HELP RATES 89 for cost information; HELP SORT 89 for sorts.