

# Water Resources Abstracts

## FILE DESCRIPTION

**Water Resources Abstracts** offers a comprehensive range of water-related topics summarizing the world's technical and scientific literature on water-related topics covering the characteristics, conservation, control, pollution, treatment, use and management of water resources in the life and physical sciences, as well as the engineering and legal aspects of the conservation, control, use, and management of water.

The database was originally produced by the United States Geological Survey starting in 1968 when it was generally known as *Selected Water Resources Abstracts*. Since 1994, *Water Resources Abstracts* has been produced by CSA, which broadened the scope by including more material published outside the U.S.A. This database, which concentrates on water supply and water treatment, complements the *Aquatic Sciences & Fisheries Abstracts* database, ASFA, where there is greater coverage of the marine environment and biological material. Records are indexed using controlled vocabulary from the *Water Resources Thesaurus*, and other index terms where needed.

## SUBJECT COVERAGE

- Groundwater
- Lakes
- Estuaries
- Erosion and sedimentation
- Water supply and conservation
- Desalination
- Water yield improvement
- Water quantity management and control
- Watershed protection
- Water quality management
- Water resources planning
- Water law
- Engineering works and hydraulics

## SOURCES

*Water Resources Abstracts* contains abstracts of the world's literature, including journal articles, technical reports, books, conference proceedings in the physical and life sciences, as well as from engineering, legal and government publications.

## TIPS

### USE FILE 117

to search for all information relating to all water-related topics.

### USE /TI AND /DE

for precise subject searching:

S WATER(W)SUPPLY/TI,DE

### USE SUBJECT HEADINGS or SUBJECT HEADING CODES

to narrow a search to a topic.

S SH=WATER DEMAND

S SC=4040

### USE RANK

to find experts working in an area of interest.

S PUBLIC(W)WATER(W)SUPPLY  
RANK AU

## DIALOG FILE DATA

Inclusive Dates: 1967 to the present

Update Frequency:

Monthly (Approx. 1,000 records per update)

File Size:

More than 400,858 records as of September 2005

## CONTACT

*Water Resources Abstracts* is produced by CSA. Questions concerning file content should be directed to:

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## SAMPLE RECORD

DIALOG(R)File 117:Water Resources Abstracts  
 (c) 2005 CSA. All rts. reserv. \_  
**AA=** 0000419857 IP ACCESSION NO: 6383149  
**/TI** Suspended sediment sources and tributary effects in the lower reaches of a coastal plain stream as indicated by radionuclides, Loco Bayou, Texas  
  
**AU=** Yeager, KM; Santschi, PH; Phillips, JD; Herbert, BE  
**CS=** Texas A&M University, 5007 Ave. U, Galveston, TX, 77551, USA, [mailto:yeagerk@tamug.edu]  
  
**JN=,SO=,PD=** Environmental Geology, v 47, n 3, p 382-395, February 2005  
**PY=** PUBLICATION DATE: 2005  
  
**PU=** PUBLISHER: Springer-Verlag (Berlin), Heidelberger Platz 3 Berlin 14197 Germany, [mailto:subscriptions@springer.de], [URL:http://www.springer.de/]  
  
**DT=** DOCUMENT TYPE: Journal Article  
**RT=** RECORD TYPE: Abstract  
**LA=** LANGUAGE: English  
**SL=** SUMMARY LANGUAGE: English  
**SN=** ISSN: 0943-0105  
 ELECTRONIC ISSN: 1432-0495  
**NO=** ASFA NO: CS0514382  
 DOI: 10.1007/s00254-004-1162-5  
**FS=** FILE SEGMENT: Water Resources Abstracts  
  
**/AB** ABSTRACT:  
 Characterizing the dynamics of fluvial sediment sources over space and time is often critical in identifying human impacts on fluvial systems. Upland interfluvial and subsoil sources of suspended sediment at Loco Bayou, Texas, were distinguished using super(226)Ra/ super(232)Th, super(226)Ra/ super(230)Th and, super(228)Ra/ super(232)Th. Source contributions were apportioned at three stations during within-bank and flood flows. super(137)Cs and super(210)Pb sub(xs) (excess super(210)Pb) were used to determine floodplain sedimentation; suspended sediment super(210)Pb sub(xs)/ super(137)Cs data mirrored results of Ra/Th, showing dominance of subsoil sources during within-bank flows, changing to interfluvial sources during flood. This trend corresponds spatially to influx of sediment from ephemeral tributaries, reflecting mobilization of stored interfluvial sediments during flood stage. Upper basin sedimentation was similar but markedly less at the lowermost station. These results indicate (1) modified ephemeral tributaries store sediment derived from sheet wash, discharging them during flood, and (2) southernmost Loco Bayou is episodically re-worked, resulting in significantly reduced local rates of sedimentation.  
**/DE** DESCRIPTORS: Floods; Sedimentation; Tributaries; Resuspended sediments; Sediment sources; Caesium 137; Flood plains; Thorium isotopes; Settling rate; Sediment pollution; Sediment dynamics; Suspended Sediments; Cesium Radioisotopes; Coastal Plains; River Flow; Streams; Fluvial Sediments; Flood Flow; Radioisotopes; Geology; Basins; USA, Texas, Loco Bayou  
**SC=,SH,SH=** SUBJ CATG: 0870, Erosion and sedimentation; 3020, Sources and fate of pollution

## SEARCH OPTIONS

## BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S WATER(W)DEMAND
/AB	AB	Abstract	Word	S FLUVIAL(W)SYSTEM?/AB
/DE	DE	Descriptor <sup>1</sup>	Word & Phrase	S SEDIMENT(W)SOURCE?/DE
/ID	ID	Identifiers <sup>2</sup>	Word & Phrase	S COASTAL PLAINS/DE S FRESHWATER/ID
/SH	SH	Subject Category <sup>3</sup>	Word	S SYSTEMS ANALYSIS/ID
/TI	TI	Title	Word	S WATER(W)DEMAND/SH S SEDIMENT(W)SOURCES/TI

<sup>1</sup> Also /DF.<sup>3</sup> Searchable in the Basic Index and in the Additional Indexes.<sup>2</sup> Also /IF.

## ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	WRA Accession Number	Phrase	S AA=6383149
AU=	AU	Author	Phrase	S AU=YEAGER, K?
—	AZ	DIALOG Accession Number		
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=0070015406
CS=	CS	Corporate Source	Word	S CS=(TEXAS(W)A(W)M) S CS=TEXAS A&M?
CT=	CT	Conference Title	Word	S CT=(GEORGIA(1W)WATER)
DT=	DT	Document Type	Phrase	S DT=JOURNAL ARTICLE
FS=	FS	File Segment	Phrase	S FS=WATER RESOURCES?
—	II	Digital Object Identifier		
JN=	JN	Journal Name	Phrase	S JN=ENVIRONMENTAL GEOLOGY?
LA=	LA	Language	Phrase	S LA=ENGLISH
NO=	NO	Document Number	Phrase	S NO=CS0514382
—	NT	Note		
PD=	PD	Publication Date	Phrase	S PD=20050200
PU=	PU	Publisher	Word	S PU=(SPRINGER(W)VERLAG)
PY=	PY	Publication Year	Phrase	S PY=2005
RT=	RT	Record Type	Phrase	S RT=ABSTRACT
SC=	SC	Subject Category Code	Phrase	S SC=3020
SH=	SH	Subject Category <sup>3</sup>	Phrase	S SH=EROSION?
SL=	SL	Summary Language	Phrase	S SL=ENGLISH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=1432-0495
SO=	SO	Source Information	Word	S SO=(ENVIRONMENTAL(W)GEOLOGY)
UD=	UD	Update	Phrase	S UD=9999

**SPECIAL FEATURES**

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

<b>LIMIT</b>	/ABS -- Record has an Abstract /NOABS -- Record is a Citation only Record /YYYY -- Publication Year	S S2/ABS S S3/NOABS S S2/2005
<b>SORT</b>	AU, JN, PY, TI	SORT S13/ALL/PY/AU PRINT S5/5/1-24/JN
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK DE RANK AU S4
<b>RD, ID</b>	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5

**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
5	--	Full Record
6	Short	Title
7	Long	Full Record except Indexing
8	Free	Title and Indexing
9	Full	Full Record
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.

<b>USER DEFINED FORMATS</b>	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/TI,CS/1-5
<b>TAG</b>	Output can be displayed with tags indentifying each display field.	TYPE S2/3/1-5 TAG
<b>DIRECT RECORD ACCESS</b>	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 623311/5 DISPLAY 623197/AU,CS PRINT 618279/5

**FOR ONLINE HELP:**

See HELP FIELDS 117 for searchable fields; HELP FORMAT 117 for output formats; HELP LIMIT 117 for limits; HELP RATES 117 for cost information; HELP SORT 117 for sorts.