

# FEDERAL RESEARCH IN PROGRESS

## FILE DESCRIPTION

**Federal Research In Progress (FEDRIP)** database provides access to information about ongoing federally funded research projects in the fields of physical sciences, engineering, and life sciences. Research information is provided to NTIS by the sponsoring U.S. government agencies. All records in the database include title, principal investigator, performing organization, and sponsoring organization. Most records also include a description of the research, although the exact record content varies according to the sponsoring agency. File 266 is available worldwide, as of May 1998.

## SUBJECT COVERAGE

Research summaries are contributed by the following U.S. federal agencies. (Other agencies may be added in the future.)

- Department of Agriculture (AGRIC)
- Department of Energy (ENRGY)
- Department of Interior, Bureau of Mines (INTBM)
- Environmental Protection Agency (EPA)
- Federal Highway Administration (FHWA)
- National Aeronautics and Space Administration (NASA)
- National Bureau of Standards and Technology (NBS)
- National Science Foundation (NSF)
- Nuclear Regulatory Commission (NRC)
- Public Health Service, including National Institutes of Health (CRISP)
- Small Business Innovation Research (SBIR)
- Geological Survey (USGS)
- Veterans Administration (VA)

## TIPS

### USE FILE 266

for research summaries of ongoing federally funded research projects in the fields of physical sciences, engineering, and life sciences.

### USE FILE SEGMENT, FS=

to find the contributing government agency. For a list of agencies, use HELP CODES266 or EXPAND FS=.

### USE RANK

to find top Sponsoring Organizations in a field of study.

```
SELECT  
INTERNET(5N)CONNECTION?/TI,DE;  
RANK SP
```

## DIALOG FILE DATA

Inclusive Dates: Current

Update Frequency: Monthly (reload)

File Size:

More than 228,000 records as of January 2004

## CONTACT

Federal Research in Progress is compiled and distributed by the National Technical Information Service (NTIS). Questions concerning file content should be directed to:

National Technical Information Services (NTIS)

FEDRIP Product Manager,

NTIS Office of Product Management

5285 Port Royal Road

Springfield, VA 22161

Phone: 703-605-6515

Fax: 703-605-6742

E-Mail: [helpdesk@fedworld.gov](mailto:helpdesk@fedworld.gov)

## SAMPLE RECORD

DIALOG(R)File 265:FEDRIP  
Comp & dist by NTIS, Intl Copyright. All rts. reserv.

0173834

**CS=, FS=** IDENTIFYING NO.: 9421491 AGENCY CODE: NSF  
**/TI** Pollutant Exchange Processes at Active Water-Sediment Interfaces  
**AU=, IN=** PRINCIPAL INVESTIGATOR: Brooks, Norman H Dr.  
**AU=, IN=** ASSOCIATE INVESTIGATORS: Morgan, James J  
**/CO, CO=, CS=, PO=** PERFORMING ORG.: California Institute of Technology, Keck Lab of  
**CY=, ST=, ZP=** Hydraulics & Water Resrcs, Pasadena, CA 91125  
**PM=** PROJECT MONITOR: Edward H. Bryan  
**/CO, CO=, SP=** SPONSORING ORG.: National Science Foundation, DIV OF BIOENGINEERING &  
 ENVIRON SYSTEMS, Washington, D.C., 20550  
**SD=, CD=, FY=** DATES: 950315 TO 980228 FY: 97 FUNDS: \$391,809 TYPE OF AWARD:  
**TA=** Continuing Grant  
**/AB** SUMMARY: 9421491 Brooks This is an award to support research, the  
 objective of which is to obtain an understanding of the fundamental  
 physical and chemical processes that control the interchange of substances  
 in alluvial sediments of flowing water streams with the water as affected  
 by the sediment bed forms such as ripples and dunes. The basic approach  
 being taken in this research is the conduct of experiments in recirculating  
 laboratory flumes under very carefully controlled conditions of flow, water  
 quality, the bed media and the nature of the substances dissolved or in  
 particulate form being exchanged at the bed-fluid interface. This is a  
 renewal of research previously conducted under NSF Grant No. 91-05965.  
 Results of this research may be applied to answering important questions  
 relating to the pollutional effects that substances in bottom sediments  
 of water bodies have on the overlying water quality. This knowledge is  
 likely to be applied in environmental engineering practice to determine  
 approaches to removal of potential water pollutants and contaminants from  
 sediments and in determining locations for wastewater treatment plants that  
 would minimize the undesirable effects on environmental quality of their  
 effluent discharges and management practices for residual sludges.

**/DE** DESCRIPTORS: Environmental NEC

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S ALLUVIAL(W)SEDIMENT?
/AB	AB	Abstract	Word	S CONTAMINANTS(5N)SEDIMENT/AB
/CO	CO	Company Name <sup>1,3</sup>	Word	S KECK(W)LAB?/CO
/DE	DE	Descriptor <sup>2</sup>	Word & Phrase	S ENVIRONMENTAL(W)NEC/DE S ENVIRONMENTAL NEC/DE
/TI	TI	Title	Word	S WATER(1N)SEDIMENT/TI

<sup>1</sup> Company Name, CO=, includes both Performing Organization (PO= and CS=) and Sponsoring Organization (SP=).

<sup>3</sup> Searchable in the Basic Index and in the Additional Indexes.

<sup>2</sup> Also /DF.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number	Word & Phrase	S AU=(BROOKS(1N)NORMAN) S AU=BROOKS, NORMAN?
AU=	AU	Author <sup>4</sup>		
—	AZ	DIALOG Accession Number	Phrase	S CD=199802?
CD=	CD	Completion Date <sup>5</sup>		
CN=	CN	Sponsor Identifying Number	Phrase	S CN=9421491
CO=	CO	Company Name <sup>1</sup>	Phrase	S CO=NATIONAL SCIENCE?
CS=	CS	Corporate Source <sup>6</sup>	Word & Phrase	S CS=(CALIFORNIA(2W)TECHNOLOGY) S CS=CALIFORNIA INSTITUTE?
CY=	CY	City <sup>7</sup>	Phrase	S CY=PASADENA
FD=	FD	Funding <sup>8,9</sup>	Numeric	S FD=391809
FS=	FS	File Segment <sup>10</sup>	Phrase	S FS=NSF
FU=	FU	Funding (rounded value) <sup>5,9</sup>	Numeric	S FU=>300000
FY=	FY	Fiscal Year <sup>11</sup>	Phrase	S FY=1997
IN=	IN	Investigator Name <sup>4</sup>	Word & Phrase	S IN=(BROOKS(1N)NORMAN) S IN=BROOKS, NORMAN?
PM=	PM	Project Monitor	Word	S PM=(EDWARD(1N)BRYAN)
PO=	PO	Performing Organization <sup>1,6</sup>	Word	S PO=(CALIFORNIA(W)INSTITUTE)
SD=	SD	Start Date <sup>12</sup>	Phrase	S SD=19950315
—	SO	Source Information <sup>13</sup>	Word & Phrase	S SP=(BIOENGINEERING(1W)ENVIRON?) S SP=NATIONAL SCIENCE?
SP=	SP	Sponsoring Organization <sup>1</sup>		
ST=	ST	State <sup>14</sup>	Word	S ST=CA
TA=	TA	Type of Award <sup>15</sup>	Phrase	S TA=CONTINUING GRANT
UD=	—	Update <sup>16</sup>	Phrase	S UD=9999
ZP=	ZP	Zip Code <sup>17</sup>	Phrase	S ZP=91125

<sup>4</sup> Principal Investigator and Associate Investigators for a Performing Organization are searchable as both IN= and as Author, AU=.

<sup>12</sup> Present only in the FHWA, NASA, and NRC subfiles.

<sup>5</sup> Completion Date present in all subfiles except CRISP, FHWA, NASA, NSB, SBIR, and VA. May omit the two digit day in the date.

<sup>13</sup> Display includes Performing Organization, Sponsoring Organization, Sponsor Identifying Number, Completion Date, Start Date, and Fiscal Year.

<sup>6</sup> Performing Organization searchable as PO=, and CS=, Corporate Source, and as Company, /CO and CO=.

<sup>14</sup> Consists of Performing Organization's State. State may be spelled out or abbreviated, depending on subfile.

<sup>7</sup> Consists of Performing Organization's City.

<sup>15</sup> Present only in the FHWA, INTBM, NSF, NRC, and SBIR subfiles.

<sup>8</sup> Funding present in the CRISP, EPA, FHWA, INTBM, NSF, and SBIR subfiles. FD= contains the value as displayed, while FU= is rounded down to the first digit.

<sup>16</sup> File is reloaded, so only update code available is UD=9999. DIALOG Accession Numbers change with the monthly reload.

<sup>9</sup> Numeric values for Funding can be entered in several different ways: directly as a number, e.g., S FD=391809; in exponential notation, e.g., S FD=3.0E5:4.0E5. Letter abbreviations are also available: K for thousand, M or million, B for billion, e.g., S FD=391K:392K. To search a range of values, use a colon between starting and ending values, e.g., S FD=391000:392000. OR use relational operators (>, <, >=, and <=), e.g., S 390K<=FD<=400K.

<sup>17</sup> Not present as a separate field only in the CRISP and USGS subfiles.

<sup>10</sup> For a current list of FEDRIP file segments see HELP CODES266.

<sup>11</sup> Present in the CRISP, EPA, FHWA, INTBM, NBS, NRC, NSF, SBIR, and USGS subfiles.

**SPECIAL FEATURES**

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

<b>LIMIT</b>	/ABS -- Abstract Present /FUND -- Funding Information Present /NOABS -- No Abstract Present /NOFUND -- No Funding Information Present	S S2/ABS S S3/FUND S S4/NOABS S S5/NOFUND
<b>SORT</b>	<b>AU, CS, FD, FS, FY, IN, PO, SP, TI</b>	SORT S5/ALL/FU,D PRINT S10/5/1-59/SP/FY,D
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK CO RANK AU S4
<b>RD, ID</b>	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5

**PREDEFINED FORMAT OPTIONS**

<b>NO.</b>	<b>DIALOGWEB FORMAT</b>	<b>RECORD CONTENT</b>
1	--	DIALOG Accession Number
2	--	Full Record except Summary
3	Medium	Full Record except Summary and Indexing
4	--	Full Record with Tagged Fields
5	Long	Full Record
6	Free	Title
7	--	Full Record except Indexing
8	Short	Title and Indexing
9	Full	Full Record
14	--	Full Record with DELIM format for post-processing (Order of fields is AN, CN, SF, TI, IN, IN (2nd), IN (3rd), IN (4th), PO, PM, SP, SP (2nd), SP (3rd), SP (4th), SP (5th), SD, CD, FY, FU, TA, DE, AB)
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 S5/TI,SP,FU/1-5
<b>TAG</b>	Output can be displayed with tags identifying each display field.	TYPE S3/6,FS/ALL 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 00117881/3 DISPLAY 00117300/TI,AU PRINT 00117602/5

**FOR ONLINE HELP:**

See HELP FIELDS 266 for searchable fields; HELP FORMAT 266 for output formats; HELP LIMIT 266 for limits; HELP RATES 266 for cost information; HELP SORT 266 for sorts.