

COMP

Compendex Plus: combined coverage of the Compendex and EI Engineering Meetings databases

■ Contents:

Compendex Plus, produced by Engineering Information, Inc., provides the combined coverage of the Compendex and EI Engineering meetings databases. Compendex Plus contains both journal articles and individual conference papers without duplicate coverage. Covers worldwide significant engineering literature from over 4,500 sources including books, journals, technical reports, and conference proceedings.

Subject coverage consists of all disciplines of engineering as well as related fields in science and management. Specific coverage includes: aerospace engineering; agricultural engineering and food technology; bioengineering; chemical engineering; civil engineering; computers and data processing; construction materials; electrical engineering; electronics; communications engineering; engineering geology; engineering physics; industrial and management applications; instruments and measurements; light and optical technology; marine engineering; metallurgical engineering; mining engineering; nuclear technology; ocean and underwater technology; petroleum engineering; and more.

■ Sources:

Books, journals, technical reports, and conference proceedings

■ Coverage:

From 1970

■ Number of records:

More than 4.200.000 records

■ Updating:

Monthly
(approximately 200,000 records are added each year)

■ Language of records:

English

■ Cluster searching:

The COMP database belongs to the ENGINEER and SCITECH predefined clusters (FI CL ENGINEER and FI CL SCITECH).

■ SDI Profiles:

Monthly

■ Document delivery:

Available with the ..OR command

■ Producer:

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Sample Record

Display Format: FULL

1/1 COMPENDEX - (C) COMP
AN - 1999-034477231-M
JA - 1999-03
FS - EIM
TI - U S Minerals Management Service - oil spill response research program.
AU - MULLIN JOSEPH V
OS - U.S. Minerals Management Service Engineering and Research Branch,
Herndon, VA, USA
SO - Proceedings of the International Conference on Oil and Hydrocarbon
Spills, Modelling, Analysis and Control, OIL SPILL 1998. Computational
Mechanics Publ, Ashurst, Engl. p 109-119 (003147)
CONF- Proceedings of the 1998 1st International Conference on Oil and
Hydrocarbon Spills, Modelling, Analysis and Control, OIL SPILL,
Southampton, UK (1998 Jul 49)
CN - 49289
LA - ENGLISH (ENG)
DT - CA (Conference Article)
CC - 453.1 Water Pollution Sources; 453 Water Pollution; 453.2 Water
Pollution Control
IT - Oil spills*; Marine pollution; Water pollution control
AB - The Minerals Management Service (MMS), is the principal U.S.
Government agency funding offshore oil spill response research. The
MMS, a bureau of the Department of the Interior, maintains a
comprehensive Oil Spill Response Research program in support of oil
spill prevention and response. Through funding provided by MMS,
scientists and engineers from the public and private sectors worldwide
are working to address outstanding gaps in information and technology
concerning the cleanup of oil spills. A large portion of the program
is executed through cooperation with major research centers to
leverage funds and maximize sharing of research results. This paper
outlines the program, its goals, results from recently funded projects
and future research directions. (Author abstract) 5 Refs.
UP - 1999-03

Searching

Basic Index (default index)

Search by	Index	Search Hints	Examples
Terms from the Basic Index	/BI (default)	The Basic Index is searchable without specifying a prefix. Use Boolean and proximity operators as well as limited and unlimited truncation. Left-hand truncation is available. Implied adjacency is available (search by phrases).	OIL SPILL AND RESPONSE? +OPERATION WATER POLLUTION
Original title	/OT	Search by single terms or by phrases, in the publication language, using truncation.	/OT STABILITY AND PLASTICI+ /OT MODELISATION NUMERIQUE
Title	/TI (or /ET)	Search by single terms or by phrases using truncation.	/TI RESEARCH PROGRAM? AND MINERAL?
Category Codes	/CW	Search by category names as single words or complete phrases. With the NBR, MEM and MEMS commands, use the /CC index.	/CW WATER POLLUTION SOURCE?
All Index Words	/IW	Search by single terms or by phrases using truncation. With the NBR, MEM and MEMS commands, use the /IT index.	/IW WATER W POLLUTION
Supplementary Words	/SW	Search by single terms or by phrases using truncation. With the NBR, MEM and MEMS commands, use the /ST index.	/SW HEAT W FLUX
Abstract	/AB	Search by single terms or by phrases using truncation.	/AB OIL SPILL? PREVENT+

Descriptors

Search by	Index	Search Hints	Examples
Treatment Code	/TC	Use /TC to specify orientation or approach of a given document. Search using full phrase or single character codes. The following codes apply: A – Applications; B – Biographical; E – Economic/cost data/market survey; G – General review; H – Historical; L – Literature review/bibliography; M – Management aspects; N – Numeric/statistical; T – Theoretical; X – Experimental.	T/TC THEORETICAL/TC
Category Codes	/CC (or /CCF, /CCM, /CCN)	Search by the three-digit CAL Classification Codes as two or three digit numbers.	/CC 453.1 /CC 453
All Index Terms	/IT (or /MH, /SH)	Search by single or multi-word terms from the Index Term or the Supplementary Term fields. Mainheading - Subheading index term combinations may be searched in complete format without qualification. Mainheadings searched separately will retrieve the mainheading plus all possible subheadings. Search weighted index terms are entered with an asterisk (*).	/IT WATER /IT WATER POLLUTION /IT OIL SPILLS* WATER POLLUTION*--OIL SPILLS/IT
Supplementary Terms	/ST	Search by single or multi-word terms from the Supplementary Terms field. The ST field contains terms of major significance but not part of controlled vocabulary.	/ST WATER /ST WATER ANALYSIS

Author and Source

Search by	Index	Search Hints	Examples
Journal Announcement	/JA	Search by the number in format YYYY-NN where YYYY represents the year and NN represents the issue in that year in which the record was published.	/JA 1999-03
Author	/AU	Search by single terms using truncation. To display the content of this index, enter NBR /AUN.	MULLIN + /AU NBR /AUN MUL
Organizational Source	/OS (or /AF, /CS)	Search by single terms from the author's affiliation, using operators and truncation. With the NBR, MEM and MEMS commands, use /OSN.	/OS MINERALS 3D MANAGEMENT
Source	/SO	Search by single terms using operators. Also search from abbreviated serial name, using truncation.	/SO PROCEEDINGS AND (INTER+ W CONF+)
Journal CODEN	/JC	Search by the international journal CODEN with or without check digit.	/JC 003147
Conference	/CONF	Field includes conference name, location, and date. Search by single terms using operators and truncation.	/CONF (INTERNATIONAL 1D CONFERENCE) AND OIL /CONF UK AND 1998
Conference Number	/CN	Search by EI assigned conference number (5 digits).	49289/CN
Sponsor	/SP	Search by single terms from the name and location of the conference sponsor. With the NBR, MEM and MEMS commands, use /SPN.	/SP SOC 1W APPLIED W SPECTROSCOPY
Numbers	/NU	Search by ISBN and ISSN numbers with punctuation. Search without ISBN or ISSN prefix.	/NU ISSN 0003-7028 /NU 0003-7028

Date, Language and Document type

Search by	Index	Search Hints	Examples
Publication Year	/PY	Search by the four-digit publication year. Date range searchable. Use numeric operators : =, >, <, >=, <=.	PY=1998 PY=1996:1998
Publication language	/LA	Search language using full name or three-character language code. Use NON-ENGLISH or XE to restrict results to non English language documents only.	/LA ENGLISH SPA/LA /LA XE
Document Type	/DT	Search by complete document name or by two-character code. Document types include: CA – Conference paper or Conference article; CP – Conference proceedings; DS – Dissertation; JA – Journal article; MC – Monograph chapter; MR – Monograph review; RC – Report chapter; RR – Report review; ST – Standard; TX – Textbook; UP – Unpublished paper or Preprint.	/DT CA CONFERENCE PAPER/DT

Other Index

Search by	Index	Search Hints	Examples
File Segment	/FS	Use /FS to search various subsections of the database. The following codes apply: EIX= Compendex records EIM= EI Engineering records	/FS EIX EIM/FS
Accession Number	/AN	Numbers do not correspond to those in the printed Engineering Index Annual. Search by the number in the format: EY-NNNNNNNNN-M or EY-NNNNNNNNN-X EY= Entry Year M= EI Engineering Meetings X= Compendex	1999-034477231-M/AN
Annual Entry Number	/EY	Search with the format YYYY. Use numeric operators: =, >, >=, <, <=.	EY=1999
Update Code	/UP	Use /UP for all records added in a single update with the format YYYY-MM.	/UP 1999-03

Document Display

Fields	Formats				
	ABST	MAX (or FULL, FU)	SCAN (or SC)	STDR	TEST (or TR)
AB	✓	✓			
AE	✓	✓		✓	
AN	✓	✓	✓	✓	✓
AU	✓	✓		✓	
CC		✓			✓
CN	✓	✓		✓	
CONF	✓	✓		✓	
DT		✓			
FS	✓	✓		✓	
IT		✓			✓
JA	✓	✓		✓	
LA		✓			
NU	✓	✓		✓	
OS	✓	✓		✓	
OT	✓	✓	✓	✓	✓
SO	✓	✓		✓	
SP	✓	✓		✓	
ST		✓			✓
TC		✓			
TI	✓	✓	✓	✓	✓
UP		✓			

- The Entry Year (EY) is included in the UP field (Update Code).
- The Journal Coden (JC), the Journal Name (JN) and the Publication Year (PY) are included in the SO field (Source).

List of Fields

All these fields may be used with the PRT, LI, BR and =YES commands.

AB	Abstract
AE	Annual Entry Number
AN	Accession Number
AU	Author(s)
CC	Category Codes (=CCF, CCM, CCN)
CN	Conference Number
CONF	Conference (name, location and date)
DT	Document Type
EY	Entry Year
FS	File Segment (EIX or EIM)
IT	All Index Terms (=MH, SH)
JA	Journal Announcement
JC	Journal Coden
JN	Journal Name
LA	Publication language of the document
NU	ISSN and ISBN numbers
OS	Organizational Source (=AF, CS)
OT	Original Title
PY	Publication Year
SO	Source of the document
SP	Sponsor
ST	Supplementary Terms
TC	Treatment Code
TI	Title of the document (=ET)
UP	Update Code