

Transportation Research Information Services (TRIS)

FILE DESCRIPTION

Transportation Research Information Services (TRIS) is a composite file with records that are either abstracts of published articles and reports, or summaries of ongoing or recently completed research projects relevant to the planning, development, operation, and performance of transportation systems and their components. Users can search the entire TRIS database or restrict their searches to any combination of subfiles and record types. TRIS provides international coverage of ongoing research projects, published journal articles, state and federal government reports, conference proceedings, research and technical papers, and monographs. The major TRIS subfiles are as follows:

- HRIS--Highway Research Information Service
- IRRD--International Road Research Documentation
- TLIB--Transportation Libraries: joint contributions by the Northwestern University Transportation Library and the University of California, Berkeley, Institute of Transportation Studies Library
- UMTRIS--Urban Mass Transportation Research Information Service
- ATRIS--the Air Transportation Research Information Service
- HSL--Highway Safety Literature
- MRIS--Maritime Research Information Service
- RRIS--Railroad Research Information Service

SUBJECT COVERAGE

TRIS coverage includes the following aspects of air, highway, rail, maritime and waterborne transport, mass transit, and other transportation modes:

- Policy, Planning, and Administration
- Government Information
- Energy, Environment, and Safety Concerns
- Materials, Design, Construction, and Maintenance Technology for Facilities, Vehicles, and Vessels
- Operators, Operations, Traffic Control, and Communications
- Physical and Economic Performance Characteristics
- User and Socioeconomic Concerns

TIPS

USE FILE 63

for search for information on all modes of transportation.

USE /DE

to search for a subject:

SELECT EMISSION SOURCES/DE

USE SECTION HEADINGS

to search broad categories:

SELECT SH=ENERGY "AND"
ENVIRONMENT

USE RANK

to find organizations working in a particular area or sponsoring research or conferences.

SELECT
(COLLISION(W)AVOIDANCE)/TI,DE
RANK CS,PO,SP

DIALOG FILE DATA

Inclusive Dates: 1968 to the present

Update Frequency: Monthly

File Size: Over 557,000 records as of August 2002

CONTACT

The Transportation Research Information Services (TRIS) database is produced by the Transportation Research Board (TRB). Questions concerning file content should be directed to:

Transportation Research Board

Barbara Post

2101 Constitution Avenue, N.W.

Washington, DC 20418

Phone: 202- 334-2990

E-Mail: bpost@nas.edu

File 63 Transportation Research Information Services (TRIS)
SAMPLE RECORD

DIALOG(R)File 63:TRANSPORTATION RESEARCH (TRIS)
(c) format only 2002 The Dialog Corporation plc

DT= 00721732 DA
/TI TITLE: TRANSPORTATION-RELATED LAND USE STRATEGIES TO
MINIMIZE MOTOR VEHICLE EMISSIONS: AN INDIRECT
SOURCE RESEARCH STUDY

AU= AUTHOR(S): Dagang, DA
CS= CORPORATE SOURCE: JHK and Associates, P.O. Box 3727,
San Francisco, CA, 94119,
Pag: 274p

SO= SUPPLEMENTAL NOTES: Prepared in cooperation with K.T.
Analytics, Inc., Frederick, MD. Sponsored by
California State Air Resources Board, Sacramento,
Research Div.

PD=, PY= PUBLICATION DATE: 19950700 PUBLICATION YEAR: 1995

LA=, SF= LANGUAGE: English SUBFILE: HRIS (H)

SN= ISSN: N/A

AV= AVAILABILITY: National Technical Information Service;
5285 Port Royal Road ; Springfield; VA ; 22161

RN= ORDER NUMBER: PB96-115704WTS

/AB ABSTRACT: This research project was undertaken to
obtain a better understanding of the potential
quantitative benefits of land use planning and
development in conjunction with multimodal
transportation facilities that provide convenient
alternatives to personal vehicle travel. The report
suggests community-level performance goals that can
reasonably be attained in urban, suburban and
rural/exurban communities by implementing packages
of transportation related land use strategies in
coordination with multimodal transportation
systems. The performance goals are listed in terms
of average annual vehicle travel per household and
related vehicular emissions. The report recommends
eight packages of transportation-related land use
strategies appropriate for urban, suburban, and
rural/exurban communities. It also provides
detailed descriptions of specific strategy
characteristics for each type of community,
including suggested development densities and
mixtures and configurations of lane uses. In
addition, implementation mechanisms for local
governments are listed and examples provided of
existing programs.

/DE DESCRIPTORS: LAND USE PLANNING; MULTIMODAL
TRANSPORTATION; INDIRECT SOURCE; EMISSION SOURCES;
PERFORMANCE STANDARDS

/SH, SH= SUBJECT HEADING: H17 ENERGY AND ENVIRONMENT; I21
HIGHWAY AND TRANSPORT PLANNING

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S VEHICLE(W)EMISSIONS
/AB	AB	Abstract	Word	S CONFIGURATION?(3W)LANE?/AB
/DE	DE	Descriptor ¹	Word & Phrase	S MULTIMODAL(W)TRANSPORTATION/DE
/SH	SH	Subject Heading ²	Word	S LAND USE PLANNING/DE
/TI	TI	Title	Word	S HIGHWAY(1W)TRANSPORT/SH
				S VEHICLE(W)EMISSIONS/TI

¹ Also /DF.

² Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number		
AU=	AU	Author or Investigator	Phrase	S AU=DAGANG, DA
AV=	AV	Availability ⁴	Word & Phrase	S AV=(NATIONAL(W)TECHNICAL)
			Phrase	S AV=NATIONAL TECHNICAL?
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=0309044545
CD=	CD	Conference Date	Phrase	S CD=19951016
CL=	CL	Conference Location	Word	S CL=CHICAGO?
CN=	CN	Contract/Grant Number	Phrase	S CN=DTNH22-92-D-07003
				S CN=DTNH2292D07003
CS=	CS	Corporate Source ⁴	Word & Phrase	S CS=(JHK(1W)ASSOCIATES)
			Phrase	S CS=JHK "AND" ASSOCIATES?
CT=	CT	Conference Title	Word & Phrase	S CT=(AUTOMOTIVE(W)MEDICINE)
			Phrase	S CT=PROCEEDINGS OF THE 39TH ANNUAL?
DT=	DT	Document Type ³	Phrase	S DT=DA
FD=	FD	Funding Type	Phrase	S FD=CONTRACT
FU=	FU	Funding	Numeric	S FU=40000
FY=	FY	Fiscal Year	Phrase	S FY=1995
IN=	IN	Investigator Name ⁵	Phrase	S IN=ERVIN, R?
JN=	JN	Journal Name ⁴	Phrase	S JN=TRANSPORTATION RESEARCH?
LA=	LA	Language ^{4,6}	Word	S LA=ENGLISH
PD=	PD	Publication Date ⁴	Phrase	S PD=19950700
PM=	PM	Project Monitor ^{5,6}	Phrase	S PM=HANNA, AN
PO=	PO	Performing Organization ⁵	Word & Phrase	S PO=(MICHIGAN(W)TRANSP?)
			Phrase	S PO=UNIVERSITY OF MICHIGAN?
PY=	PY	Publication Year	Phrase	S PY=1995:1996
RN=	RN	Report Number ⁴	Word & Phrase	S RN=(PB96(W)115704WTS)
			Phrase	S RN=PB96-11570WTS
				S RN=PB96115704WTS
SD=	SD	Project Start Date ⁵	Phrase	S SD=19940801
SF=	SF	Subfile	Phrase	S SF=HRIS
SH=	SH	Subject Heading ²	Word & Phrase	S SH=(ENERGY(1W)ENVIRONMENT)
			Phrase	S SH=ENERGY "AND" ENVIRONMENT
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=03611981
SO=	SO	Source Information ^{6,7}	Word	S SO=(CALIFORNIA(W)AIR)
SP=	SP	Sponsoring Agency ⁵	Word	S SP=(HIGHWAY(W)SAFETY)
SP=	SP	Sponsoring Agency ⁵	Phrase	S SP=PERFORMED FOR THE MICHIGAN OFFICE?
SS=	SS	Status	Phrase	S SS=ACTIVE
TD=	TD	Project Termination Date (Estimated Date) ⁵	Phrase	S TD=(19950731 OR 950731)
TE=	TE	Investigator or Project Monitor Telephone Number	Phrase	S TE=3137642168
UD=	—	Update	Phrase	S UD=9999

³ There are two document types in this file: Document Abstract (DA) or Project Resume (PR).

⁴ Document Abstract records only.

⁵ Project Resume records only.

⁶ Available for records from July 1988 forward.

⁷ Search includes Journal Name, Supplemental Notes, Subfile, and Data Source. Display varies depending on document type.

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SPECIAL FEATURES

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

LIMIT	/ -- DIALOG Accession Number /ENG -- English-Language Source Article /NONENG -- Non-English-Language Source Article /YYYY -- Publication Year	S S1/0010000-99999999 S S5/ENG S S6/NONENG S S2/1999:2002
SORT	AU, CS, JN, PD, PO, PY, SP, TI	SORT S1/ALL/PY/D SORT S3/ALL/TI
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 63 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Bibliographic Citation and Indexing
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Short	Title and Publication Date
7	Long	Bibliographic Citation and Abstract
8	Free	Title, Indexing, and Publication Date
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.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S4/TI,JN,PY/1-5 PRINT S2/TI,AB,SO/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S3/5/1-5 TAG PRINT S2/9/ALL TAG DISPLAY S1/2/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 00611265/5 DISPLAY 0074483/TI,AU PRINT 00301964/9

FOR ONLINE HELP:

See HELP FIELDS 63 for searchable fields; HELP FORMAT 63 for output formats; HELP LIMIT 63 for limits; HELP RATES 63 for cost information; HELP SORT 63 for sorts.