

UFORDAT (Umweltforschungsdatenbank)

- Subject Coverage**
- Agriculture
 - Air
 - Biotechnology
 - Ecology
 - Education in environmental problems
 - Energy
 - Energy conservation
 - Environmental economy
 - Environmental protection
 - Environmental science
 - Forestry
 - General and comprehensive environmental aspects
 - Health
 - Institutions
 - Landscapes
 - Legislation
 - Natural resources
 - Nature
 - Noise
 - Policy
 - Pollutants
 - Pollution control
 - Radiation
 - Regional planning and development
 - Research institutions
 - Research projects
 - Research staff
 - Resources
 - Soil
 - Waste management
 - Water

File Type Directory

Features

Thesaurus	None				
Alerts (SDIs)	Not available				
CAS Registry Numbers®	<input type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist	<input type="checkbox"/>
Keep & Share	<input checked="" type="checkbox"/>	SLART	<input checked="" type="checkbox"/>	STN Easy	<input type="checkbox"/>
Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer	<input type="checkbox"/>

Record Content

- The records contain reference and indexing information, and abstracts.
- Controlled terms are available in English and German in field /CT.
- Mostly project titles are translated in English.

File Size 107,669 projects (05/11)

Coverage 1974-present

Updates Reloaded twice a year

Language German, English

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Fax: +49-7247-808-259
E-mail: helpdesk@fiz-karlsruhe.de

Sources The research and development project data are compiled by continuous exchange with institutions which support and finance environmental R & D projects. Every two years a systematic update is made by inquiries at the institutions which carry out the projects.

- User Aids**
- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
-

- Clusters**
- ALLBIB
 - AUTHORS
 - CORPSOURCE
 - ENVIRONMENT
 - RESEARCH
- [STN Database Clusters](#) information (PDF)
-

Related Databases ULIDAT (Umweltliteraturdatenbank)

Pricing See the [STN Price List](#) or enter HELP COST at an arrow prompt.

Search and Display Field Codes

General Search Fields

The fields that allow left truncation in this file are indicated by an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the title (TI), abstract (AB), and controlled (CT), supplementary (ST), and geographic (GT) term fields)	None or /BI	S LEBENSMITTELINDUSTRIE S PLANT RESIDUE? S KOMPOSTIERUNG(L)OELPFLANZE S AGENDA-21 S SOMMERSMOG S POLITICAL ECONOMY	AB, CT, GT ST, TI
Accession Number Classification Code (1) (code and text in German)	/AN /CC	S 20911/AN S WA30/CC S ABWEHRMASSNAHMEN/CC S AB/CC	AN CC
Controlled Term (English and German)	/CT	S SAURER NIEDERSCHLAG/CT S ACID PRECIPITATION/CT	CT
Cooperating Organization	/CST	S (CAIRO(2W)AGRICULTURE)/CST S DEPARTMENT OF BIOLOGY/CST	CST
Corporate Source (contains single words from cooperating (CST), performing (CSP), and supporting (CSS) organization fields) (2)	/CS	S LANDESANSTALT FUER UMWELT?/CS S (RADIOHYDROMETRIE(L) OBERSCHLEISSHEIM)/CS	CSP, CST, CSS
Document Number (abstract number of printed version UFOKAT)	/DN	S (CH21 AND 010)/DN	DN
Duration Begin, Date (2)	/DB	S 840101/DB S DB>=JAN 1, 1996	DB
Duration Begin, Year (2)	/DBY	S WALDSCHADEN AND 1986<=DBY<=1988	DB
Duration End, Date (2)	/DE	S DE>960831	DE
Duration End, Year (2)	/DEY	S 1988-1990/DEY	DE
Entry Date (2)	/ED (or /UP)	S ED>960600	not displayed
Geographic Term	/GT	S BUNDESREPUBLIK DEUTSCHLAND/GT	GT
Number of Contract	/NC	S '10102076/08'/NC S BE918?/NC	NC
Other Source (accession number from ULIDAT)	/OS	S 00001315/OS	OS
Performing Organization (1)	/CSP	S (UNIVERSITAET(W)GIESSEN)/CSP S INSTITUT MIKROBIOLOGIE/CSP	CSP
Project Manager	/PM	S NIESE?/PM S PAATSCH, W/PM	SF
Reference (citation)	/RE	S (BEHRENS(S)RADIOIODINE)/RE	RE
Staff (incl. project manager)	/SF (or /AU)	S MOSER, H/SF S WOHLRAB, B/AU	SF
Supplementary Term	/ST	S KOHLE WASSER/ST	ST
Supporting Organization (1)	/CSS	S (MINISTERIUM(S)LANDWIRTSCHAFT)/CSS	
Title of Project	/TI	S (OESTERREICH?(S)EUTROPHIE?)/TI S (PRODUCTION(S)GERANIUM(W)OIL)/TI	TI

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched with numeric operators or ranges.

UFORDAT**DISPLAY and PRINT Formats**

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN CC CSP CSS CST CT DB DE DN GT NC OS RE SF (AU) ST TI	Abstract Accession Number Classification Code Performing Organization Supporting Organization Cooperating Organization Controlled Term Duration Date, Begin Duration Date, End Document Number (includes AN) Geographic Term Number of Contract Other Source Reference (citation) Staff (including project manager) Supplementary Term Title of Project	D AB 1-5 D AN D CC D CSP D CSS D CST D CT ST D DB D DE D DN D GT D NC D OS D RE D SF D ST D TI
ABS ALL BIB CS IND TRIAL	AB AN, DN, TI, SF, CSP, CST, CSS, NC, DB, DE, RE, OS, AB, CC, CT, ST, GT AN, DN, TI, SF, CSP, CST, CSS, NC, DB, DE, RE, OS (BIB is the default) AN, CSP, CST, CSS AN, DN, CC, CT, GT, ST TI, CC, CT, GT, ST	D ABS D ALL D BIB D CS D IND D TRI
HIT KWIC OCC	Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) in which they occur	D HIT D KWIC D OCC

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Classification Code	CC	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Controlled Term	CT	Y	N
Cooperating Organization	CST	Y	Y
Corporate Source	CS	Y	Y
Document Number	DN	Y	Y
Duration Date, Begin	DB	Y	Y
Duration Date, End	DE	Y	Y
Geographic Term	GT	Y	Y
Number of Contract	NC	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Other Source	OS	Y	Y
Performing Organization	CSP	Y	Y
Reference (Citation)	RE	Y	N
Staff	SF (AU)	Y	Y
Supplementary Term	ST	Y	N
Supporting Organization	CSS	Y	Y
Title	TI	Y (default)	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
(2) Appends /BI to the terms created by SELECT.

Sample Records**DISPLAY ALL**

```

AN  1026597  UFORDAT
TI  Brennstoffzellen fuer Boote und Leichtfahrzeuge in der Modellregion
    Bodensee (Bodensee-Projekt), Teil 3.
SF  Projektleiter: Panik, Ferdinand (Prof.Dr.)
CSP Hochschule Esslingen Fahrzeugtechnik
    Kanalstr. 33
    73728 Esslingen am Neckar
    Baden-Wuerttemberg
    DE
    Tel: (0711)3973301
    Telefax: 3973299
CST Zentrum fuer Sonnenenergie- und Wasserstoff-Forschung Baden-Wuerttemberg
    <Stuttgart>; Sebastian Wider - Engineering Services  Ingenieurbuero fuer
    elektrische Antriebstechnik  und Brennstoffzellentechnologie;
    Brennstoffzellen-Allianz Baden-Wuerttemberg (BzA-BW); WBZU -
    Weiterbildungszentrum Brennstoffzellen Ulm E.V.
CSS  Baden-Wuerttemberg / Umweltministerium
NC  L7529003
DB  20090301
DE  20100131
AB  Ziel des Projektes ist es, den Einsatz von Brennstoffzellen im
    Freizeitbereich am Bodensee und in der Umgebung zu demonstrieren. Moegliche
    Einsatzfelder dabei sind: - Antrieb von Booten, Yachten, Schiffen - Antrieb
    von Leichtfahrzeugen (Fahrraeder, Scooter, Mini-Autos usw.)
    Bordstromversorgung im Bereich Camping und Caravan. Im Rahmen des Projektes
    werden bereits bestehende Projekt-Initiativen bis zur Antragsreife
    weiterentwickelt. Dabei sollen zum einen bereits marktreife
    Brennstoffzellen-Systeme beruecksichtigt werden, zum anderen aber auch neue
    Start-Ups' mit innovativen Systemen integriert werden. Nach dem Motto das
    Ganze ist mehr als die Summe seiner Teile' werden die einzelnen Projekte zu
    einem Leuchtturm vernetzt, so dass die Vision eines emissionsfreien
    Tourismus' nicht nur vor Ort erlebbar, sondern auch weit ueber die Region
    hinaus getragen wird. Die Umsetzung der einzelnen Projekte soll im Rahmen

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UFORDAT

des Nationalen Innovationsprogramms Wasserstoff- und Brennstoffzellentechnologie' (NIP) als NIP-Leuchtturmprojekt Brennstoffzellen in Freizeitanwendungen am Bodensee' erfolgen. Projekt-Initiativen, welche sich fuer diese NIP-Foerderung qualifizieren, koennen durch den Bund mit bis zu 48 % unterstuetzt werden.

- CT Brennstoffzelle; Freizeitbereich; Antragsrecht; Schiff; Fahrzeug; Leichtbau; Automobil; Camping; Wohnwagen; Wasserstoff; Sichtweite; Fremdenverkehr
Controlled Terms in English: fuel cell; recreational area; petition right; ship; vehicle; compact construction; autocar; camping; caravan; hydrogen; optical range; tourism; Lake Constance
- GT Bodensee

DISPLAY BIB

- AN 1023180 UFORDAT
- TI Unterirdischer Kohlenstoffumsatz in europaeischen Waeldern.
Belowground carbon turnover in European forests.
- SF Projektleiter: Berger, Torsten Winfried
(Ao.Univ.Prof.Dipl.-Ing.Dr.nat.techn.)
Leiter der Institution: Katzensteiner, Klaus
(Prof.Dipl.-Ing.Dr.nat.techn.); Berger, T.W.; Gratzner, G.
- CSP Universitaet fuer Bodenkultur Wien, Department fuer Wald- und Bodenwissenschaften, Institut fuer Waldoekologie <Wien>
Peter-Jordan-Str. 82
1190 Wien
AT
Tel: ((0)1)47654-4100
Telefax: 47654-4129
- CSS Kommission der Europaeischen Gemeinschaften Bruessel
- DB 20090825
- DE 20130525

DISPLAY IND

- AN 1023180 UFORDAT
- CC B071 Boden: Bodenkunde und Geologie
- CT Kohlenstoff; Waldfunktion; Oekosystem; Waldoekosystem; Modellierung; Kohlendioxidgehalt; Wald; Klimaenderung; Atmosphaere; Kohlenstoffhaushalt; Forstoekologie; Waldboden; Bodenprozess; Untergrund (Boden); Mykorrhiza; Rhizosphaere; Wurzel; Chemie; Bodenchemie; Biologische Aktivitaet; Physikalischer Vorgang; Bodenkunde; Humus-C
Controlled Terms in English: carbon; forest function; ecosystem; woodland ecosystem; modelling; forest; climatic change; atmosphere; carbon balance; forest ecology; forest soil; soil process; ground; mycorrhiza; rhizosphere; root; chemistry; soil chemistry; biological activity; physical process; soil science; humus C; Europe
- ST Waldboeden; unterirdischer Kohlenstoffumsatz; organische Bodenbestandteile; Feinwurzeln und Mycorrhiza; biogeochemische Modellierung; Bodenuntersuchungen; Forstoekologie
- GT Europa

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