

| <b>Contents</b>  | <b>Page</b> |
|--|-------------|
| <b>1990: The society was marching in....</b>                         | <b>3</b>    |
| <b>Statutes of the European Society for Soil Conservation (ESSC)</b> | <b>4</b>    |
| <b>Membership list 1990</b>  | <b>9</b>    |
| <b>Algérie</b>   | <b>9</b>    |
| <b>Austria</b>   | <b>9</b>    |
| <b>Belgium</b>   | <b>9</b>    |
| <b>Burkina Faso</b>  | <b>11</b>   |
| <b>Canada</b>  | <b>11</b>   |
| <b>Denmark</b>   | <b>11</b>   |
| <b>Federal Rep. of Germany</b>                                       | <b>12</b>   |
| <b>Finland</b>   | <b>16</b>   |
| <b>France</b>  | <b>16</b>   |
| <b>Greece</b>  | <b>18</b>   |
| <b>Israel</b>  | <b>20</b>   |
| <b>Italy</b>   | <b>20</b>   |
| <b>Luxembourg</b>  | <b>21</b>   |
| <b>Norway</b>  | <b>21</b>   |

|                                 |           |
|---------------------------------|-----------|
| <b>Paraguay</b>                 | <b>21</b> |
| <b>Portugal</b>                 | <b>21</b> |
| <b>Republic of China</b>        | <b>23</b> |
| <b>Republic of South Africa</b> | <b>23</b> |
| <b>Spain</b>                    | <b>23</b> |
| <b>Sweden</b>                   | <b>26</b> |
| <b>Switzerland</b>              | <b>27</b> |
| <b>The Netherlands</b>          | <b>28</b> |
| <b>United Kingdom</b>           | <b>30</b> |
| <b>USA</b>                      | <b>31</b> |

## **1990: The society was marching in....**

We believe that in the second year of its existence the Society has given further proof of its determination to fulfil the expectations of his members:

- 1) Newsletters are edited at a rate as foreseen
- 2) the first conference in Portugal attracted more people than foreseen and its example will be followed next year in Germany, Spain and France
- 3) the number of members is steadily increasing
- 4) Norway and Austria will join us soon
- 5) first contacts have been established with other Central and East European countries to bring them in the Society
- 6) the Society became a real multidisciplinary union.

Yet the most difficult task will be to bridge between our academic cercles and the large public and to "sell good ideas" to those who really are responsible for soil conservation policies. Maybe we have to go first through a certain period of consolidation and of gathering information on the nature of soil degradation problems in Europe, before we will be able to formulate in the right way "the ideas" we want to transmit by priority to the European community. It will be one of the main tasks of our council to reflect more on these matters in the near future.

Meanwhile we feel happy to be supported by a growing number of enthusiastic members, now more than 400. The Society is marching in...

with best wishes for a happy 1991

Prof. J. de Ploey, President

**S t a t u t e s**  
**of the European Society for Soil Conservation (ESSC)**

**Section 1 : Name and place of registration**

- 1.1 This international society of public utility is named "European Society for Soil Conservation" (ESSC). It is registered at the District Court of Trier.
- 1.2 The place of registration is Trier.

**Section 2 : Aims of the society**

- 2.1 The ESSC is an interdisciplinary, non-political association, which is dedicated to investigating and realizing soil conservation in Europe.
- 2.2 The ESSC pursues its aims in the scientific, educational and applied sectors
  - by supporting investigation on soil degradation, soil erosion and soil conservation in Europe
  - by informing the public about major questions of soil conservation in Europe
  - by collaborating with institutions and persons involved in practical conservation work in Europe.
- 2.3 The ESSC aims at co-ordinating the efforts of all parties involved in the above cited subjects: research institutions; teachers and students of geo-sciences, agriculture and ecology; farmers; agricultural planning and advisory boards; industries and governmental institutions.

**Section 3 : Public utility**

- 3.1 The society pursues exclusively and directly aims of public utility as defined in Section 51 (and subsequent Sections) of the Finance Act (FRG). Its activities are of a non-profitmaking character. It is dedicated to promoting soil conservation in Europe. The funds of the society may be used exclusively for the objects laid

down in the statutes. The members of the society receive neither dividend nor any other remuneration by virtue of membership status of the society.

- 3.2 Furthermore no person may receive expenses for activities not directly in furtherance of the aims of the society or any disproportionately high reimbursements. All officers of the society do their work in an honorary capacity.

#### **Section 4 : Membership**

- 4.1 Membership of the society is open to anyone agreeing with its aims and ready to promote them. It is open to both private citizens or juristic persons.
- 4.2 Applications for membership are to be made in writing to the Executive Committee of the Society which then considers them.
- 4.3 Membership is terminated if the membership subscription is not paid by the end of the year.
- 4.4 Members are not entitled to any share in the assets of the society.

#### **Section 5 : Membership subscription**

- 5.1 The membership subscription will be fixed annually by the Council for both private citizens and juristic persons.
- 5.2 The current rate of subscription is 25,-- DM.

#### **Section 6 : Circularising the members**

- 6.1 The members receive the ESSC newsletter.

#### **Section 7 : Expulsion of members**

- 7.1 A member can be expelled from the society if he acts intentionally against the interest of the society. The ESSC Council decides on expulsion, by a 2/3 majority of the members present being necessary for its enactment.

## **Section 8 : Bodies of the organization**

**8.1 The bodies of the Society are the General Meeting of all the members, the ESSC Council, the Executive Committee and the Editorial Board.**

## **Section 9 : The Executive Committee**

**9.1 The Executive Committee consists of**

- a) the president
- b) 2-3 vice-presidents
- c) the secretary
- d) the treasurer
- e) the editor-in-chief (as observer)
- f) 2-7 members of the council

The secretary and the treasurer may be the same person. The editor-in-chief is nominated by the president and ratified by the council for four years. He participates in the sessions of the Executive Committee as an observer, but he has the right to vote in all questions which concern the newsletter of the ESSC.

**9.2 The president and the secretary are the legal representatives of the society, as defined in Section 26 BGB (West German Statute Book). Each of them has the right to represent the society separately.**

**9.3 The ESSC Executive Committee is elected by the Council from its members for four years.**

**9.4 Meetings of the ESSC Executive Committee should take place when deemed necessary. The president will convene the Executive Committee at least two weeks in advance in writing.**

**9.5 Resolutions of the Executive Committee will be passed by a simple majority of the members present. In the case of equality of the votes (deadlock) the president gives the casting vote. There is a quorum in the Executive Committee if at least one half of the members are present. The resolutions of a meeting can be revised by a majority of two thirds of the present members.**

## **Section 10: The Council**

- 10.1** The ESSC Council consists of 20-25 members. They are elected by the General Assembly of the members for four years. Every country should be represented with not more than 4 members per country.
- 10.2** The ESSC Council
- a) decides all questions relating to the statutes
  - b) elects the Executive Committee
  - c) receives the business report of the Committee
  - d) receives the report on the closing of accounts
  - e) fixes the membership subscription
  - f) adjudicates appeals brought against rejection of admission to membership by the Executive Committee
  - g) decides on the expulsion of members
  - h) decides on the disbandment of the society.
- For decisions a) and h) a 2/3 majority of the Council members present is necessary. For all other decisions a simple majority will suffice. In the case of equality of the votes (deadlock) the president gives the casting vote.
- 10.3** The president will convene the Council on the occasion of ESSC-Congresses, which take place in general every four years. Further meetings of the Council should take place when deemed necessary. The president will give at least one month in advance, of a Council meeting, giving the agenda in writing.
- 10.4** A quorum in the Council exists if at least one half of the members are present. Resolutions of a meeting can be revised by a majority of two thirds of the members present.
- 10.5** The minutes of the Council meeting must be signed by the president and the secretary of the meeting.

## **Section 11: General Meeting**

- 11.1** General Meetings are convened on the occasion of ESSC-Congresses, which take place in general every four years.
- 11.2** The General Meeting receives the business report of the Council and elects the members of the Council.

- 11.3 Resolutions of the General Meeting** are passed by the majority of the members present. Resolutions of a meeting can be revised by a majority of two thirds of the members present.

### **Section 12: The Editorial Board**

- 12.1 The Editorial Board** of the ESSC consists of the Editor-in-chief and of one editor per country. Its task is the publication of the ESSC newsletter. The Editorial Board is a subcommittee of and is responsible to the Executive Committee.
- 12.2 The editors** are elected by the Council for four years.

### **Section 13: Disbandment**

- 13.1 Resolutions concerning the disbandment** of the society can be taken by the ESSC Council by a two thirds majority of the members present. Reasons for its disbandment might, in particular, be the achievement of its aims or the suspension of its legal status.

### **Section 14: Liquidation**

- 14.1 If a liquidation** of the assets of ESSC is necessary, the members of the ESSC Executive Committee are the liquidators.

### **Section 15: Assets of the society**

- 15.1 After liquidation** the remaining assets of ESSC are to be devolved upon the "Deutsche Forschungsgemeinschaft", which has to use it according to its aims of public utility.

These statutes were agreed by the founders of the ESSC at their meeting at Barcelona, 6./7.5.1989 and by the Council at its meeting at Zürich, 21.10.1989.

## **Memberschip list 1990**

### **Algérie**

Bellatreche, A., Dr.  
BP 79 Kouba El Annasser  
16052 Alger / Algérie

### **Austria**

Blum, Winfried M., Prof.Dr.  
Inst. f. Bodenforschung und  
Baugeologie  
Universität f. Bodenkultur  
Gregor Mendelstr. 33  
A-1180 Wien / Austria

Nestroy, Othmar, Univ.Prof.Dr.  
TU Graz  
Inst. f. Techn. Geologie u. Ang. Min.  
Rechbauerstr. 12  
A-8010 Graz / Austria

### **Belgium**

Aerschot, Geert van  
Jennekensstraat 62  
B-3220 Aarschot / Belgium

Benoit, Hulg  
56 rue Rondeau  
B-6071 Chatelineau / Belgium

Boodt, M. de, Prof.Dr.  
Departm. of Soil Physics Univ. Gent  
Coupure, Links 653  
B-9000 Gent / Belgium

Caillieux, Xavier van  
14, Dreve Mamotte  
B-1328 Ohain / Belgium

Comite Jean Pain  
F. Vanden Brande, Chairman  
Av. Princesse Elisabeth 18  
B-1030 Bruxelles / Belgium

Conseil, Geobel  
M.X. Van Caillie  
dr dela Marmotte 14  
B-1328 Ohain / Belgium

Declercq, Franky  
Oudstrijdersstraat 29  
B-8770 Ingelmunster / Belgium

Depuydt, F., Prof.  
Katholieke Univ. Leuven  
Krakenstraat 2  
B-3000 Leuven / Belgium

Desmet, Johan, Dr.  
Ryksstation  
Landbouwtechniek  
Sperlekestr. 24  
B-8510 Kortryk-Marke / Belgium

Dudal, R.  
Faculty Agricultural Sciences  
92 Kardinal Mercier Laan  
B-3030 Leuven / Belgium

Eerkens, Cornelis  
EEC  
Ave de Broqueville 99/17  
B-1200 Brussels / Belgium

Elewijck, Lutgart van  
Madeliefjesstraat 63  
B-1850 Grimbergen / Belgium

Embrechts, Jozef  
Zaffelare Dorp 74  
B-6100 Zaffelare / Belgium

Everaert, Wilfried  
Lab. v. Experiment. Geomorfologie  
Instituut voor Aardwetenschappen  
Redingenstraat 16 bis  
B-3000 Leuven / Belgium

Fac. van de Toegepaste  
Wetenschappen  
Dienst: Hydrologie  
Pleinlaan 2  
B-1050 Brussel / Belgium

- Feyen, Jan, Prof.Dr.**  
**Kardinaal Merciaalaan 92**  
**B-3030 Leuven/Heverlee / Belgium**
- Gabriels, Don, Dr.**  
**Department of Soil Physics**  
**State University of Ghent**  
**Coupe Links 653**  
**B-9000 Ghent / Belgium**
- Glinne, Ernest**  
**Vice Président du Groupe Scocialiste**  
**du Parlement Europeen**  
**Rue Belliard, 97-113**  
**B-1040 Bruxelles / Belgium**
- Govers, Gerard, Dr.**  
**Laboratorium voor Experimentele**  
**Geomorfologie, Katholieke Universiteit**  
**Leuven**  
**Redingenstraat 16 bis**  
**B-3000 Leuven / Belgium**
- Gryp, Eric**  
**Senator**  
**Morestraat 32**  
**B-9258 Scheldewindeke / Belgium**
- Hartmann, R.**  
**Fac. Agric. Sciences**  
**Coupe Links 653**  
**B-9000 Gent / Belgium**
- Hecke, Etienne van, Prof.Dr.**  
**Inst. voor Sociale en Econom.**  
**Geografie**  
**Kath. Universiteit Leuven**  
**de Crooylaan 42**  
**B-3030 Leuven / Belgium**
- Hombroukx, Muriel**  
**Pepijnstraat 33**  
**B-3400 Landen / Belgium**
- Insp. Gen. de l'Amenagement du Terr.**  
**Ministère de la Region Wallone**  
**Square Leopold, 12D**  
**B-5000 Namur / Belgium**
- Langohr, Roger, Dr.**  
**Av. des Tourterelles 20-A**  
**B-1150 Bruxelles / Belgium**
- Meirvenne, Marc van**  
**Lab. Agrarische Bodenkunde**  
**Coupure 653**  
**B-9000 Gent / Belgium**
- Moeyersons, Jan**  
**Koninkijk Museum**  
**Voor Midden-Afrika**  
**B-1980 Tervuren / Belgium**
- Moor, G. de, Prof.Dr.**  
**Geologisch Instituut**  
**Krijgselaan 281**  
**B-9000 Gent / Belgium**
- Nychas, Anastasios**  
**CEC/D.G. XI-Environment**  
**200 Rue de la Loi**  
**B-1049 Brussel / Belgium**
- Orban Ferauge, Francoise**  
**Facultes Univ. ND Paix ASBL**  
**Dept. Géographie**  
**Rue de Bruxelles 61**  
**B-5000 Namur / Belgium**
- Paepe, Roland de**  
**Vlaamse Landmaatschappij**  
**Guldenvlieslaan 72**  
**B-1060 Brussels / Belgium**
- Peeters, Greet**  
**Mussenstraat 84**  
**B-3000 Leuven / Belgium**
- Peeters, Leo**  
**Perckhoevelaan, 21**  
**B-2610 Wilrijk / Belgium**
- Ploey, Jan de, Prof.Dr.**  
**Instituut voor Aardwetenschappen**  
**Katholieke Universiteit Leuven**  
**Redingenstraat 16 bis**  
**B-3000 Leuven / Belgium**

|   |   |
|---|---|
| Poesen, Jean, Dr.<br>Katholieke Universiteit Leuven<br>Laboratorium voor Experimentele<br>Geomorfologie, Redingenstraat 16 bis<br>B-3000 Leuven / Belgium | <b>Burkina Faso</b><br>Eger, Helmut<br>B.P. 1485<br>Quagadougou / Burkina Faso  |
| Raimond, Y.<br>Station de chimie et de agr. physique<br>Chaussées de Wavre 115<br>B-5800 Gembloix / Belgium   | <b>Canada</b><br>Dickinson, Trevor, Prof.<br>School of Engineering<br>University of Guelph<br>Guelph, Ontario / Canada                  |
| Rauws, Gerrit<br>Koning Boudewijnstichting<br>Leuvensestraat 70<br>B-1800 Vilvoorde / Belgium   | Oostwoud Wijdenes, D.J.<br>30 Charles Street West apt 1604<br>Toronto M4Y 1R5 / Canada  |
| Reiniger, Peter, Dr.<br>Com. of the European Communities DG<br>XII/E/1<br>200, rue de la Loi<br>B-1049 Bruxelles / Belgium                                | <b>Denmark</b><br>Als, Chr.<br>Hedeselskabet<br>Postboks 110<br>DK-8800 Viborg / Denmark  |
| Station de chimie et de agr. physique<br>Ministère de Agriculture<br>Chaussées de Wavre 115<br>B-5800 Gembloix / Belgium                                  | Hansen, Lorens, Dr.<br>Statens Forsogsstation<br>Flensborgvej 22, Jyndevad<br>DK-6600 Tinglev / Denmark                                 |
| Stoops, G., Prof.Dr.<br>Rijksuniversiteit Gent<br>Laboratorium voor Mineralogie<br>Krijgslaan 281 - S.8<br>B-9000 Gent / Belgium                          | Hasholt, Bent<br>Inst. of Geography<br>Univ. of Copenhagen<br>Oster Voldgade 10<br>DK-1350 København K / Denmark                        |
| Verheyen, W.H., Prof.<br>Ecopedologie-Dept. Biologie UIA<br>Universiteitsplein 1<br>B-2610 Wilryk / Belgium   | Hedeselskabet<br>Forsøgsvirksomheden<br>Klostergården<br>DK-8800 Viborg / Denmark   |
| Vermeersch, Pierre M., Prof.Dr.<br>Laboratorium voor Prehistorie<br>Redingenstraat 16 bis<br>B-3000 Leuven / Belgium                                      | Holstener-Jorgensen, Helge, Dr. agro.<br>Afdelingsleder<br>Statens Forstlige Forsøgsvaesen<br>Skovbrynet 16<br>DK-2800 Lyngby / Denmark |
| Vlassak, K., Prof.<br>Katholieke Universiteit Leuven<br>Fakulteit Landbouwwetenschappen<br>Kardinal Mercierlaan 92<br>B-3030 Leuven / Belgium             |   |

Jensen, Anne Merete, Att.  
Miljoministeriet  
Danmarks Miljoundersøgelser  
Thoravej 8  
DK-2400 København NV / Denmark

Jenssen, H.E., Prof.Dr.  
Department of Soil and Water and Plant  
Nutrition, Vet. and Agr. Univ.  
Thorvaldsenvej 40  
DK-1871 Frederiksberg C / Denmark

Madsen, Jesper Ole  
Hedeselskabet  
Klostergården 12  
PB 110  
DK-8800 Viborg / Denmark

Mikkelsen, Gunnar  
Afdeling for Grovfoder  
Forsogsanstalt Foulum  
Postboks 21  
DK-8830 Tjele / Denmark

Moberg, Jens Peter  
Department of Chemistry  
Ver. and Agr. Univ.  
Thorvaldsensvej 40  
DK-1871 Frederiksberg C / Denmark

Pedersen, Carl  
Landskontoret for Planteavl  
Udkaersvej 15, Skejby  
DK-8200 Århus / Denmark

Research Department Danish Land  
Development Service  
P.O.Box 110  
att. Head of Research, S.E. Olesen  
DK-8800 Viborg / Denmark

State Lab. f. Soil and Crop Research  
Lottenborgvej 24  
DK-2800 Lyngby / Denmark

#### Federal Rep. of Germany

Ahl, Christian, Dr.  
Institut für Bodenwissenschaften  
Abt. Bodenkunde  
Von-Siebold-Str. 4  
D-3400 Göttingen / FRG

Alexander, Joachim, Dr.  
Abt. Physische Geographie  
Universität Trier, FB VI  
Postfach 3825  
D-5500 Trier / FRG

Auerswald, Karl, Dr.  
Institut f. Bodenkunde  
Hohenbacherstraße  
D-8050 Freising / FRG

Barsch, Dietrich, Prof. Dr.  
Geographisches Institut  
Universität Heidelberg  
Im Neuenheimer Feld 348  
D-6900 Heidelberg 1 / FRG

Barth, H.K., Prof.Dr.  
Universität Paderborn  
Fachbereich 1  
Fach Geographie, Gebäude N  
D-4790 Paderborn / FRG

Becher, Hans H., Dr.  
Lehrstuhl f. Bodenkunde  
Techn. Universität München  
Hohenbacherstraße  
D-8050 Freising-Weihenstephan / FRG

Bernsdorf, Bodo  
Keller Str. 9  
D-5501 Hinzenburg / FRG

Bernsdorf, Susanne  
Keller Str. 9  
D-5501 Hinzenburg / FRG

Betke, Dirk, M.A.  
Techn. Universität Berlin FB 14  
Franklinstr. 28/29  
D-1000 Berlin 10 / FRG

|  |   |
|--|---|
| Blümel, W.D., Prof.Dr.<br>Geogr. Inst. d. Univ. Stuttgart<br>Silcherstr. 9<br>D-7000 Stuttgart 1 / FRG                         | Goßmann, H., Prof.Dr.<br>Am Birkenrain 29<br>D-7811 St. Peter / FRG   |
| Böhm, Albert<br>US Army, DEH-Environmental Office<br>Lager Nainhof, Geb. 33<br>D-8431 Hohenfels / FRG                          | Gröngröft, Alexander<br>Institut f. Bodenkunde<br>Universität Hamburg<br>Allende-Platz 2<br>D-2000 Hamburg 13 / FRG |
| Bork, Hans-Rudolf, Prof.Dr.<br>TU Berlin<br>Institut für Ökologie<br>Salzufer 11-12<br>D-1000 Berlin 10 / FRG                  | Große, Bernhard, Dr.<br>Hermann-Löns-Str. 3<br>D-3064 Bad Eilsen / FRG  |
| Braunschweig, Wolfgang<br>Greilerstr. 9<br>D-5500 Trier / FRG  | Haider, Josef<br>Weihern 311<br>D-8473 Pfreimd / FRG  |
| Breburda, J., Prof.Dr.<br>O. Behaghelstr. 100<br>D-6300 Gießen / FRG   | Hartge, K.H., Prof.Dr.<br>Herrenhäuser Str. 2<br>3000-Hannover 21 / FRG   |
| Breuer, Jörn, Dipl.Ing.<br>Lehrstuhl f. Bodenkunde<br>TU München<br>D-8000 Freising-Weihenstephan / FRG                        | Hassel, Josef Maria<br>Abt. Physische Geographie<br>Universität Trier, FB VI<br>Postfach 3825<br>D-5500 Trier / FRG |
| Dikau, Richard, Dr.<br>Geographisches Institut<br>Universität Heidelberg<br>Im Neuenheimer Feld 348<br>D-6900 Heidelberg / FRG | Heeb, Johannes<br>Ökozentrum Schattweid<br>D-6114 Steinhuserberg / FRG  |
| Erdmann, Karl-Heinz<br>Bachstr. 25<br>D-5000 Köln 50 / FRG   | Henzler, Birgitta<br>Abt. Physische Geographie<br>Universität Trier, FB VI<br>Postfach 3825<br>D-5500 Trier / FRG   |
| Ergenzinger, Peter<br>Institut für Geographie<br>FU Berlin<br>Grunewaldstr. 35<br>D-1000 Berlin 41 / FRG                       | Herdmata, Agusta<br>Institut für Pflanzenbau<br>Pf. 700562<br>D-7000 Stuttgart 70 / FRG                             |
| Gerold, G., Prof. Dr.<br>Nötelweg 12<br>D-3000 Hannover 91 / FRG   | Hoffmann, Jürgen<br>Abt. Physische Geographie<br>Universität Trier, FB VI<br>Postfach 3825<br>D-5500 Trier / FRG    |

- Horn, Rainer, Prof. Dr.**  
Inst. f. Pflanzenern.u.Bodenkunde  
Olshausenstr. 40  
D-2300 Kiel / FRG
- Jäger, Stefan**  
Geogr. Institut  
Universität Heidelberg  
INF 348  
D-6900 Heidelberg / FRG
- Kainz, Maximilian**  
Lehrstuhl f. Bodenkunde  
Techn. Universität München  
Hohenbacherstr.  
D-8050 Freising-Weihenstephan / FRG
- König, Dieter**  
Geographisches Institut, Uni Mainz  
Saarstr. 21  
Postfach 3980  
D-6500 Mainz / FRG
- Krämer, Monika**  
SFB 179  
Techn.Universität Braunschweig  
Langer Kamp 19c  
D-3300 Braunschweig / FRG
- Kramer, Manfred, Prof. Dr.**  
Päd. Hochschule Dresden  
Inst. f. Geographie, Phys. Geogr.I  
Wigardstr. 17  
D-8021 Dresden / FRG
- Krames, Elisabeth**  
Abt. Physische Geographie  
Universität Trier, FB VI  
Postfach 3825  
D-5500 Trier / FRG
- Kroener, H.-E., Dr.**  
Marshallstr. 9  
D-5100 Aachen / FRG
- Küchler, Johannes, Prof. Dr.**  
Techn. Universität Berlin FB 14  
Franklinstr. 28/29  
D-1000 Berlin 10 / FRG
- Landesanstalt für Pflanzenbau**  
Forchheim  
Kutscherweg 20  
D-7512 Rheinstetten-Forchheim / FRG
- Martin, Walter**  
Bayerisches Geologisches Landesamt  
Heßstraße 128  
D-8000 München / FRG
- Miller, Gudrun**  
Schmidstr. 4  
D-7990 Friedrichshafen / FRG
- Orleanu, K., Dr.**  
Leinberger Str. 6  
D-4600 Dortmund 1 / FRG
- Ottow, J.C.G., Prof.Dr.**  
Inst.f. Mikrobiologie u. Landeskultur  
Justus Liebig Universität  
Senckenbergstr. 3  
D-6300 Gießen / FRG
- Pörtge, K.-H., Dr.**  
Kustos, Geographisches Institut der  
Universität  
Goldschmidstr. 5  
D-3400 Göttingen-Weende / FRG
- Prinz, Dieter, Prof. Dr.**  
Universität Karlsruhe  
Institut f. Wasserbau u. Kulturtechnik  
Kaiserstraße 12  
D-7500 Karlsruhe 1 / FRG
- Richter, Gerold, Prof.Dr.**  
Universität Trier  
Physische Geographie  
Postfach 3825  
D-5500 Trier / FRG
- Rieffel, Jean-Michel**  
AHT - Postf. 100132  
D-4300 Essen 1 / FRG
- Rögner, Konrad, Prof.Dr.**  
In der Maierei 16  
D-5501 Aach / FRG

- Rohdenburg, Margot**  
 Editorial Office Catena  
 Brockenblick 8  
 D-3302 Cremlingen-Destedt / FRG
- Roth, Christian, Dr.**  
 Institut für Ökologie  
 FG Bodenkunde  
 Salzufer 11-12  
 D-1000 Berlin 10 / FRG
- Schieber, Michael, Dr.**  
 Tulpenweg 5a  
 D-8401 Pasing / FRG
- Schmidt, Jürgen, Dr.**  
 Institut f. Physische Geographie  
 der FU Berlin  
 Grunewaldstr. 35  
 D-1000 Berlin 41 / FRG
- Schmidt, Reinhard-G., Dr.**  
 Universität Trier  
 FB VI Physische Geographie  
 Postfach 3825  
 D-5500 Trier / FRG
- Schnabel, Susanne**  
 Im Rosenfeld 10  
 D-6200 Wiesbaden / FRG
- Schramm, Michael, Dipl.-Ing.**  
 Institut f. Wasserbau u. Kulturtechnik  
 Universität Karlsruhe  
 Kaiserstr. 12  
 D-7500 Karlsruhe 1 / FRG
- Schröder, Dietmar, Prof.Dr.**  
 Universität Trier  
 FB VI Bodenkunde  
 Postfach 3825  
 D-5500 Trier / FRG
- Schultz, J., Prof.Dr.**  
 Geographisches Institut d. Rhein.  
 Westf. Techn. Hochschule  
 Templergraben 55  
 D-5100 Aachen / FRG
- Schwerdtfeger, G., Prof. Dr.**  
 Am Tannenmoor 34  
 D-3113 Suderberg 1 / FRG
- Schwertmann, U., Prof.**  
 Lehrstuhl f. Bodenkunde  
 Techn. Universität München  
 Hohenbachernstr.  
 D-8050 Freising-Weihenstephan / FRG
- Seuffert, O., Prof. Dr.**  
 Geogr. Inst. TH Darmstadt  
 Schnittspahnstr. 9  
 D-6100 Darmstadt / FRG
- Skowronek, Armin, Prof.Dr.**  
 Institut f. Bodenkunde  
 Nußallee 13  
 D-5300 Bonn 1 / FRG
- Sonne, V., Prof.**  
 Geologisches Landesamt  
 Rheinland-Pfalz  
 Emmeransstr. 36, PF 2045  
 D-6500 Mainz / FRG
- Steinmaier, Normann, Dipl.Agr.Ing**  
 Uhlandstraße 26  
 D-7500 Karlsruhe / FRG
- Strunden, Christian**  
 R. Bardenheuerstr. 23A  
 D-2800 Bremen 1 / FRG
- Strunk AR, Horst, Dr.**  
 Geogr. Institut d. Universität  
 Regensburg  
 Postfach 397  
 D-8400 Regensburg / FRG
- Symader, Wolfhard, Prof.Dr.**  
 Universität Trier  
 FB VI Hydrologie  
 Postfach 3825  
 D-5500 Trier / FRG

Tauché, Bruno, Dr.  
Sektion Geographie  
Martin-Luther-Universität  
H.-u.-Th.-Mann-Str. 26  
D-4020 Halle/Saale / FRG

Völkel, Jörg, Dr.  
Albrecht-Altdorfer-Ring 64  
D-8407 Obertraubling / FRG

Warich, Michael  
Georgkirchstr. 19  
D-4300 Essen 15 / FRG

Wegener, Hans-R., Dr.  
Inst. f. Bodenk. u. Bodenerh.  
Justus-Liebig-Universität  
Wiesenstr. 3-5  
D-6300 Gießen / FRG

Weiser, Kurt  
Kiefernweg 11  
D-5522 Herforst / FRG

Willger, Heribert  
Physische Geographie  
Universität Trier, FB VI  
Postfach 3825  
D-5500 Trier / FRG

#### Finland

Alakukku, Laura  
Agricultural Research Centre  
Institute of Crop and Soil Sciences  
Agric. Chemistry and Physics Dept.  
SF-31600 Jokioinen / Finland

Pitkänen, Jyrki  
Agric. Research Centre  
Dept. Agric. Chem. & Physics  
SF-31600 Jokioinen / Finland

#### France

Association franç. p. l'Etude du Sol  
4 rue Redon  
F-78370 Plaisir / France

Auzet, A. Véronique  
Cereg URA 95 CNRS, ULP Strasbourg  
3, Rue de l'Argonne  
F-67083 Strasbourg-Cedex / France

A.F.E.S.  
4, rue Redon  
F-78370 Plaisir / France

Ballais, Jean-Louis  
Institute de Géographie  
Univ. d'Aix-Marseille II  
29, avenue R. Schuman  
F-13621 Aix-en-Provence Codex /  
France

Billard, Armelle  
Lab. de Geographie physique CNRS  
Pl. A. Briand  
F-92190 Meudon / France

Bissonnais, Yves le  
I.N.R.A.  
SESCPF  
Route d'Ardos  
F-45160 Olivet / France

Boiffin, Jean-Charles  
INRA-Station d'Agronomie de  
LAON-PERONNE  
Rue F. Christ BP101  
F-02004 Laon Cedex / France

Bruand, Ary, Dr.  
S.E.S.C.P.F.-I.N.R.A.  
F-45160-Ardon-Olivet / France

Bruckler, Laurent  
I.N.R.A. - Station de Science du Sol  
Domaine Saint-Paul B.P. 91  
F-84140 Montfavet / France

- CEMAGREF**  
Centre d'Etudes du Machinisme  
Agricole des Eaux et des Forêts  
Parc de Tourvoie  
F-92160 Antony / France
- Carvalho, Sylvio**  
S.E.S.C.P.F. INRA  
F-45160 Olivet/Ardon / France
- Centre National du Machinisme  
Agricole  
Direction Générale  
Parc de Tourvoie  
F-92160 Antony / France
- Chassin, Pierre**  
I.N.R.A. Science du Sol  
Route de Saint-Cyr  
F-78026 Versailles Cedex / France
- Cosandey, Claude**  
CNRS Geographie  
1 place A. Briand  
F-92190 Meudon / France
- Dorioz, J.M.**  
I.N.R.A.  
BP II  
F-74200 Thondon / France
- Favrot, Jean Claude, Directeur**  
Laboratoire de Science du Sol Centre  
INRA  
Place Pierre Viala  
F-34060 Montpellier Cedex / France
- Fies, Jean-Claude**  
I.N.R.A. - Station de Science du Sol  
Domaine Saint-Paul B.P. 91  
F-84140 Montfavet / France
- Gascuel-Odoux, Mme**  
I.N.R.A. Science du Sol  
65 Route de Saint-Brievo  
F-35042 Rennes Cedex / France
- Guerif, Jérôme**  
I.N.R.A. - Station de Science du Sol  
Domaine Saint-Paul - B.P. 91  
F-84140 Montfavet / France
- Heusch, B.**  
La Tour - Saint Mury  
F-38240 Meylan / France
- I.N.R.A.**  
Station d'Agronomie  
Route de Montmirail Fagnieres  
F-51000 Chalons sur Marne / France
- I.N.R.A.**  
Station d'Agronomie de Laon  
Rue F.-Christ - B.P. 101  
F-02004 Laon / France
- Jamagne, Marcel**  
INRA, Service d'Etude des Sols et de la  
Carte Pedologique de France  
Centre de Recherches D'Orleans Ardon  
F-45160 Olivet / France
- Juste, Christian**  
Station d'Agronomie - I.N.R.A.  
Centre de Rech. de Bordeaux  
Domaine de la Gde Ferrade  
F-33140 Pont de la Maye / France
- Laboratoire Biogeographie**  
Ecologie (S. Wicherek)  
Ecole Normale Supérieure Fontenay  
Saint Claud-Av. de la Grille d'Honneur  
F-92211 Saint Claud / France
- Lafolie, Francois**  
I.N.R.A. - Station de Science du Sol  
Domaine Saint-Paul B.P. 91  
F-84140 Montfavet / France
- Lautridou, Jean Pierre, Prof.Dr.**  
Centre de Géomorphologie CNRS  
Rue des Tilleuls  
F-14000 Caen / France
- Laville-Timsit, Liliane**  
B.R.G.M. 4S/ENV B.P.6009  
F-45060 Orleans Cedex 2 / France

- Mamy, Jean  
 Dept. Science du Sol I.N.R.A.  
 Route de Saint-Cyr  
 F-78026 Versailles / France
- Martin, Claude Henri  
 les Migraniers, A2  
 Avenue Pablo Picasso  
 F-83160 La Valette du Var / France
- Mathieu, Clement, Prof.  
 Le Staneux  
 Rue Firmin-Tarrade  
 F-87130 Chateauneuf-Foret / France
- Mercier, Jean Lue  
 Cereg UA95  
 3, Rue de l'Argonne  
 F-67083 Strasbourg / France
- Mietton, Michel, Prof.  
 Route de Verel  
 F-73000 Chambery / France
- Monnier, Gérard, Prof.Dr.  
 Station de Science du Sol,  
 INRA/Avignon  
 Domaine Saint-Paul 91  
 F-84140 Montfavet / France
- Muxart, Tatiana, Dr.  
 C.N.R.S.  
 Laboratoire de Geographie, Physique  
 1, Place A. Briand  
 F-92190 Meudon / France
- Ouvry, Jean-Fr.  
 Chemin de la Bretèque  
 B.P. 59  
 F-76232 Bois Guillaume Cedex / France
- Papy, Francois, Dr.  
 I.N.R.A.  
 Unite S.A.D. - P.G.  
 F-78850 Thiverval-Grignon / France
- Stengel, Pierre  
 I.N.R.A. - Station de Science du Sol  
 Domaine Saint-Paul B.P.s 91  
 F-84140 Montfavet / France
- Sterckeman, Thibault  
 I.N.R.A. Laboratoire d'Analyses des  
 Solos  
 273, Rue de Cambrai  
 F-62000 Arras / France
- Valadas, Bernard  
 Département de Géographie  
 Université de Clermont-Fd.II  
 29 bd Gergoira  
 F-63037 Clermont-Fd Cedex / France
- Vaudour, Jean, Prof.  
 L'Université d'aix Marseille II  
 Institut de Géographie  
 29, Rue R. Schuman  
 F-13621 Aix-en-Provence / France
- Vogt, Henri, Prof.Dr.  
 Unité de Geographie  
 3, Rue de l'Argonne  
 F-67083 Strasbourg / France
- Vogt, Jean  
 1 Rue du Dr. Woehrlin  
 F-67000 Strasbourg / France
- Wicherek, Stanislas  
 Centre Nat. de la Recherche Scientif.  
 Av. de la Grill d'Honneur  
 F-92211 Saint-Claud / France
- Greece**
- Antonis, Simeonakis  
 Lysimachou 8  
 TT 546 45  
 GR-54 Thessaloniki / Greece
- Astaras, Theodore, Ass.Prof.Dr.  
 Aristotle Univers.  
 Departm. of Geology and Phys.  
 Geography  
 University Campus  
 GR-54006 Thessaloniki / Greece
- Athanasiros, Spyropoulos  
 Soil Science Institute  
 GR-54110 Thessaloniki / Greece

**Baloutsos, George, Dr.**  
Forester-Hydrologist (Ph.D.)  
Forest Research Institute of Athens  
Terma Alkmanos, Ilissia, 115.28  
GR-11528 Athens / Greece

**Efthymiadis, M.N.**  
K+N Efthymiadis SA  
P.O.Box 48  
GR-57022 Sindos Ind. Area of  
Thessaloniki / Greece

**Floras, Stamatios**  
Institute of Soil Clasification and  
Mapping (IXTEL)  
11, Theofrastos Str.  
GR-41335 Larissa / Greece

**Keramidas, Vissarion**  
Aristotelian University  
Department of Soil Science  
TT 540 06  
GR-54 Thessaloniki / Greece

**Kosmas, Constantinos**  
Skoupha 33  
Egaleo 12243  
GR-10 Athens / Greece

**Louisakis, Anastassios**  
Land Reclamation Institute  
GR-57400 Sindos / Greece

**Mariolis, Nikos**  
Praxitelous 17, TT 546 41  
GR-54 Thessaloniki / Greece

**Misopolinos, Nikos, Prof.Dr.**  
Aristotelian University  
Department of Agriculture  
TT 540 06  
GR-54006 Thessaloniki / Greece

**Nakos, George, Dr.**  
Forest Research Institute  
Terma Alkmanos  
GR-11528 Athens / Greece

**Panayiotopoulos, Kiriakos**  
Aristotelian University  
Department of Soil Science  
TT 540 06  
GB-54 Thessaloniki / Greece

**Papamichail, Dimitrios**  
Aristotelian University  
Department of Agriculture  
TT 540 06  
GR-54 Thessaloniki / Greece

**Papamichos, Nicholas, Prof.**  
Depart. of Forestry and Nat. Resources  
GR-54006 Thessaloniki / Greece

**Papanicolaou, E.P.**  
N.C.S.R. Demokritos Inst. of Biology  
GR-15310 Agia Paraskevi, Attiki /  
Greece

**Phosphoric Fertilizers Industry Ltd.**  
P.O. Box 1094  
Syngrou Av. 97  
GR-117 45 Athens / Greece

**Prodromoy, Kostas**  
Aristolelian University Department of  
Agriculture  
TT 540 06  
GR-54006 Thessaloniki / Greece

**Sakellariadis, Spyros**  
Aristotelian University  
Department of Agriculture  
TT 540 06  
GR-54 Thessaloniki / Greece

**Sgouras, John**  
Institute of Soil Classification and  
Mapping  
Theofrastu 1, TT 41 335  
GR-Larissa / Greece

**Silleos, Nikolaos, Prof.Dr.**  
Aristotelian University  
Department of Agriculture  
TT 540 06  
GR-54006 Thessaloniki / Greece

**Toulios, Leonidas G.**  
**Inst. of Soil Class. and Mapping**  
**Theofrastou 1, TT41 335**  
**GR-Larissa / Greece**

**Tsiouris, Sotirios, Dr.**  
**Aristotelian University**  
**Department of Agriculture**  
**TT 540 06**  
**GR-54006 Thessaloniki / Greece**

**Tsoskounoglou, Athena**  
**Parnithos 2**  
**Parnithos 2, TT 544 53**  
**GR-54453 Thessaloniki / Greece**

**Tsoulouxa, Fotini**  
**Soil Science Institute**  
**GR-13123 Lykovrissi / Greece**

**Vretta-Kouskoleka, Hellen, Dr.**  
**20 Thiras Str.**  
**GR-14562 Kifissia/Athens / Greece**

#### **Israel**

**Lavee, H., Dr.**  
**Department of Geography**  
**Bar-Ilan University**  
**Ramat-Gan 52100 / Israel**

#### **Italy**

**Bazzoffi, Paolo, Dr.**  
**Istituto Sperimentale per lo Studio**  
**e la Difesa del Suolo**  
**P.ZA D'Azeglio, 30**  
**I-50121 Firenze / Italy**

**Busoni, Ermanno**  
**C.N.R. Centro Genesi Suolo**  
**P.le delle Cascine 15**  
**I-50144 Firenze / Italy**

**Calzolari, Costanza**  
**CNR-Centro Genesi Suolo**  
**P.le Cascine 15**  
**I-50144 Firenze / Italy**

**Chisci, Giancarlo, Prof.Dr.**  
**v. Lambruschini 4/A**  
**I-50100 Firenze / Italy**

**Dazzi, Carmelo**  
**Istituto Agronomia Generale**  
**Facoltà di Agraria**  
**Viale delle Scienze**  
**I-90128 Palermo / Italy**

**Dimase, A.C., Dr.**  
**Dipartimento di Scienza del Suolo**  
**e Nutrizione della Pianta, Facoltà di**  
**Agraria, Piazzale delle Cascine, 15**  
**I-50144 Firenze / Italy**

**Fierotti, Giovanni**  
**Istituto di Agronomia Generale**  
**Facoltà di Agraria**  
**Viale delle Scienze**  
**I-90128 Palermo / Italy**

**Galligani, Ugo, Dr.**  
**Dipart. Scienza Suolo**  
**Univ. di Firenze**  
**p. le delle Cascine 15**  
**I-50144 Firenze / Italy**

**Guarino, Giancarlo, Dott.Agr.**  
**Via Carrobbio, 13**  
**I-21100 Varese / Italy**

**Guerrieri, Fernanda L., Dr.**  
**Pian di Rose, 9**  
**I-61040 Sant'Ippolito (PS) / Italy**

**Miravalle, R., Dr.**  
**c/o Monsanto Italiana**  
**Via M. Gioia 8**  
**I-20124 Milano / Italy**

**Moretti, Sandro**  
**Via la Pira 4**  
**I-50121 Firenze / Italy**

**Oliveri, Giovanna**  
Istituto di Agronomia Generale  
Facolta di Agraria  
Viale delle Scienze  
I-90128 Palermo / Italy

**Panini, Tiziano, Dr.**  
Istituto Sperimentale per lo  
Studio e la Difesa del Suolo  
P.zza M. D'Azeglio 30  
I-50121 Firenze / Italy

**Pardini, Giovanni**  
CNR-Istituto per la Chimica del Terreno  
Via Corridoni, 78  
I-56100 Pisa / Italy

**Raimondi, Salvatore**  
Istituto di Agronomia Generale  
Facolta di Agraria  
Viale delle Scienze  
I-90128 Palermo / Italy

**Rodolfi, Giuliano, Prof.**  
Dipartimento Scienza Suolo  
Università di Firenze  
Piazalle delle Cascine, 15  
I-50155 Firenze / Italy

**Stigliano, Michele**  
Via Pian di Rose  
I-61040 S. Ippolito (PS) / Italy

**Torri, Dino**  
CNR-Centro Genesi Suolo  
P.le Cascine 15  
I-50144 Firenze / Italy

#### **Luxembourg**

**Pasquini, Claude, Dr.**  
56, rue de l'Usine  
L-3754 Rumelange / Luxembourg

**Puraye, Aloyse**  
ASTA-Laboratoires de Contrôle et  
d'Essais des Services Techniques  
P.O. Box 75/9001  
L-Ettelbruck / Luxembourg

**Spence, James**  
Head of Division Committee on Energy  
Research and Technology  
European Parliament  
L-2929 Luxemburg / Luxembourg

#### **Norway**

**Lag, Jul**  
Postboks 27  
N-1432 As-NLH / Norway

**Njøs, Arnor,**  
Jordforsk  
Centre for Soil and Environmental Res.  
P.B.9  
N-1432 AS-NLH / Norway

#### **Paraguay**

**Derpsch, Rolf**  
Servicio de Administración  
de Projectos, Cas. de Correo 1859  
Asunción / Paraguay

#### **Portugal**

**Alexandre, Carlos**  
Dept. Geociencias  
Universidade de Evora  
Apartado 94  
P-7001 Evora Codex / Portugal

**Azevedo Coutinho, M., Prof.Dr.**  
Instituto Superior Tecnico  
Av. Rovisco Paes  
P-1096 Lisboa Codex / Portugal

**Batista-Salvador, Ana Isilda**  
Rua Diogo Pires  
Nº 221 R/C ESQ  
P-7000 Evora / Portugal

**Belo, José Carlos**  
Rva A a Rva Prof. Joaquim Fontes  
Urb. Pinhal No. 1-5D  
P-2725 Mem-Martins / Portugal

- Cancela Frazão, Jorge**  
Biodesign Landscape Architecture  
R. Francisco Baia, 18-4ºF  
P-1500 Lisboa / Portugal
- Canhao Brito, Luis**  
Rua do Possolo, 61  
P-1300 Lisboa / Portugal
- Carvalho Cardoso, José Vicente, Dr.**  
Largo Jean Monnet Nr. 1-6º  
P-1200 Lisboa / Portugal
- Concalves Ferreira, A., Dr.**  
Universidade de Evora  
Dept. de Engenharia Rural  
P-7001 Evora Codex / Portugal
- Cordeiro, A.M.Rochette**  
Universidade de Coimbra  
Faculdade de Letras  
P-3049 Coimbra / Portugal
- Cortesao Casimiro, Pedro**  
Avenida Tomás Ribeiro-59-3º dtº  
Linda-A-Velha  
P-2795 Linda-A-Velha / Portugal
- Cortez, Nuno**  
Instituto Superior de Agronomia  
Tapada da Ajuda  
P-1399 Lisboa/Codex / Portugal
- Fernandes Lourenco, Luciano**  
Instituto de Estudos Geograficos  
Facultade de Letras  
Universidade de Coimbra  
P-3049 Coimbra / Portugal
- Figueiredo, Tomás**  
Escola Superior Agrária  
Quinta de Santa Apolónia  
Apartado 172  
P-5300 Bragança / Portugal
- Gomes, Alberto**  
Estacão Florestal National Inia  
R. do Boria Nº 2  
P-Lisboa / Portugal
- Gonçalves Ferreira, J.**  
Soporcel  
Apartado 15  
P-2065 Alcoentre / Portugal
- Inst. Nac. de Investigacao Agraria**  
Rua das Janelas Verdes 92  
P-1200 Lisboa / Portugal
- Liga Para Proteccão**  
Nuevo Distrital de Evora  
Rua de Machede, 53A  
P-7000 Evora / Portugal
- Lima, J.L.M.P. de**  
Dep. of Civil Engineering  
Univ. of Coimbra  
P-3049 Coimbra Cedex / Portugal
- Lourenço, Luciano,**  
Instituto de Estudos Geográficos  
Faculdade de Letras  
Universidade de Coimbra  
P-3049 Coimbra / Portugal
- Manuela Abreu, Maria, Prof. Dr.**  
Instituto Superior de Agronomia  
Tapada da Ajuda  
P-1399 Lisboa Codex / Portugal
- Monteiro Marques, Manuel, Dr.**  
Centro de Estudos de Pedologia  
Tapada da Ajuda  
P-1399 Lisboa Codex / Portugal
- Morais Barroco, Ana Maria**  
Rua Vasco da Gana, 48  
Caxias  
P-2780 Oeiras / Portugal
- Museu e Laboratório**  
Mineralógico e Geológico  
Universidade de Coimbra  
P-3049 Coimbra Codex / Portugal
- Oliveira, Manuel T.**  
Apartado 71  
P-5001 Vila Real Codex / Portugal

Pires, Maria M.  
Instituto Superior Técnico VTL  
Av. Rovisco Pais  
P-1096 Lisboa Codex / Portugal

Reis, Luis F.C.L.  
R. Quelimane, 13  
Carcavelos  
P-2775 Parede / Portugal

Ribeiro Soares, José  
1º Oficial  
Universidade de Evora  
Apartado 94  
P-7001 Evora Codex / Portugal

Roxo, Maria José, Dr<sup>a</sup>.  
Universidade Nova de Lisboa  
Departamento de Geografia e  
Planeamento  
Regional, Avenida de Berna, 24  
P-1000 Lisboa / Portugal

Santos, Emilio Gil  
Instituto Superior Técnico VTL  
Av. Rovisco Pais  
P-1096 Lisboa Codex / Portugal

Teles Grilo, Jorge  
Dpt. Geociencias  
Universidade de Evora  
Apartado 94  
P-7001 Evora Codex / Portugal

Terroso Cepeda, F., Prof.  
Instituto Politécnico de Bragança  
Quinta de Santa Apolónia  
Apartado 38  
P-5300 Bragança / Portugal

Tomaz, Pedro  
Quinta Quebra Joelhos, Lotez, 4 E  
Laranjeiro  
P-2800 Almada / Portugal

#### Republic of China

Hu, Su-Cherng  
Forestry Department  
Council of Agriculture  
37 Nan Hai RD, Taipei  
TAIWAN 10728 / Republic of China

#### Republic of South Africa

Beckedahl, H.R.  
c/o Geography Dept.  
University of Transkei  
Private Bag o 1 UNITRA 5100  
Umtata, Transkei / South Africa

#### Spain

Albaladejo Montoro, Juan  
C.E.B.A.S.  
Apartado 195  
E-30080 Murcia / Spain

Alonso Cobos, Carlos  
I.A.R.A.  
Hermanos Machado 4  
E-04005 Almeria / Spain

Arenas Cuevas, Miguel  
Avda. de Vinagrande, 21  
E-28925 Alcorcon/Madrid / Spain

Barea, Jose M.  
Prof. Albareda 1  
Est. Exper. Zaidin  
E-18008 Granada / Spain

Bisbal Cervello, Leopoldo, Prof.  
Alfonso de Córdoba, 6.-3  
E-46010 Valencia / Spain

Boixadera, Jaime  
Secció de Sòls i Fertilitzants  
DARP-Generalitat  
Rovira Roure, 177  
E-25006 Lleida / Spain

**Pires, Maria M.**  
Instituto Superior Técnico VTL  
Av. Rovisco Pais  
P-1096 Lisboa Codex / Portugal

**Reis, Luis F.C.L.**  
R. Quelimane, 13  
Carcavelos  
P-2775 Parede / Portugal

**Ribeiro Soares, José**  
1º Oficial  
Universidade de Evora  
Apartado 94  
P-7001 Evora Codex / Portugal

**Roxo, Maria José, Drº.**  
Universidade Nova de Lisboa  
Departamento de Geografia e  
Planeamento  
Regional, Avenida de Berna, 24  
P-1000 Lisboa / Portugal

**Santos, Emilio Gil**  
Instituto Superior Técnico VTL  
Av. Rovisco Pais  
P-1096 Lisboa Codex / Portugal

**Teles Grilo, Jorge**  
Dpt. Geociencias  
Universidade de Evora  
Apartado 94  
P-7001 Evora Codex / Portugal

**Terroso Cepeda, F., Prof.**  
Instituto Politécnico de Bragança  
Quinta de Santa Apolónia  
Apartado 38  
P-5300 Bragança / Portugal

**Tomaz, Pedro**  
Quinta Quebra Joelhos, Lotez, 4 E  
Laranjeiro  
P-2800 Almada / Portugal

**Republic of China**  
Hu, Su-Cherng  
Forestry Department  
Council of Agriculture  
37 Nan Hai RD, Taipei  
TAIWAN 10728 / Republic of China

**Republic of South Africa**

Beckedahl, H.R.  
c/o Geography Dept.  
University of Transkei  
Private Bag α 1 UNITRA 5100  
Umtata, Transkei / South Africa

**Spain**

Albaladejo Montoro, Juan  
C.E.B.A.S.  
Apartado 195  
E-30080 Murcia / Spain

Alonso Cobos, Carlos  
I.A.R.A.  
Hermanos Machado 4  
E-04005 Almeria / Spain

Arenas Cuevas, Miguel  
Avda. de Vinagrande, 21  
E-28925 Alcorcon/Madrid / Spain

Barea, Jose M.  
Prof. Albareda 1  
Est. Exper. Zaidin  
E-18008 Granada / Spain

Bisbal Cervello, Leopoldo, Prof.  
Alfonso de Córdoba, 6.-3  
E-46010 Valencia / Spain

Boixadera, Jaime  
Secció de Sòls i Fertilitzants  
DARP-Generalitat  
Rovira Roure, 177  
E-25006 Lleida / Spain

- Boluda, Rafael, Dr.**  
Fac. Farmacia  
AVDA. Blasco-Ibanez, 13  
E-46010 Valencia / Spain
- Calvo, Adolfo, Dr.**  
Departamento de Geografia  
Universidad de Valencia  
Aptad. 22060  
E-46080 Valencia / Spain
- Calvo-Cases, Adolfo**  
Departamento de Geografia  
Universidad de Valencia  
Apartat 22060  
E-46080 Valencia / Spain
- Canovas, Juan**  
Esc. Capac. Agraria  
E-30700 Torre Pacheco / Spain
- Carrera, José A.**  
Centro Lucdeme del Icona  
Avenida de la Aurora 1 78  
E-29071 Malaga / Spain
- Centro de Investigaciones Agrarias**  
Apartado no. 10  
E-15080 La Coruna / Spain
- Cervera, Montserrat**  
Institut de Geologia Jaume Almera  
E-08028 Barcelona / Spain
- Chueca Cia, J.Javier**  
Department of Geography  
Zaragoza University  
E-50009 Saragossa / Spain
- Costa, Jaime**  
Monsanto Espana, S.A.  
Plaza Pablo Ruiz Picasso S/N  
Torre Picasso, Planta 7<sup>a</sup>  
E-28020 Madrid / Spain
- Diaz-Fierros Viqueira, Francisco**  
Departamento Edafologia  
Facultad de Ciencias  
E-Santiago de Compostela (Coruna) / Spain
- Enriquez Salgueiro, Jorge L.**  
Depart. de Biología Animal y Ecología  
Facultad de Biología  
Campus Espinardo, Universidad de Murcia  
E-30100 Murcia / Spain
- Francisco, Diaz-Fierros**  
Fac. Farmacia  
Universidad Santiago  
Avda de Vigo  
E-Santiago de Compostela / Spain
- Fundació Agricola Catalana**  
Diputació, 250  
E-08007 Barcelona / Spain
- Gallart, Francesc**  
Inst. Jaume Almera  
Ap. 30.102  
E-08028 Barcelona / Spain
- Gonzalez Tanago, Marta**  
Lab. Hidraulica e Hidrologia  
E.T.S. Ingenieros de Montes  
CIVDAD Universitaria  
E-28040 Madrid / Spain
- Garcia Camarero, Julio**  
Departamento de Ecología  
Inst. Valenciano de Investig. Agrarias  
E-46113 Moncada (Valencia) / Spain
- Garcia González, Leandro**  
Departamento de Geografía  
Facultad Filosofía y Letras  
Universidad de Extremadura  
E-10004 Cáceres / Spain
- Garcia-Ruiz, José M.**  
Instituto Pirenaico de Ecología  
Apartado 64  
E-22700 Jaca (Huesca) / Spain
- Garrido, Soledad**  
AGROTEST, S.A.  
Martinez Campos 7  
E-28010 Madrid / Spain

- Giraldez, Juan Vicente**  
**DGIEA**  
**Apdo. 240**  
**E-14071 Cordoba / Spain**
- Gomez-Amelia, Dionisia,**  
**San Vicente Paul 1**  
**2-D, dcha**  
**E-10001 Caceres / Spain**
- Gutierrez-Elorza, Mateo, Prof.**  
**Dpto. de Geologia (Geomorfologia)**  
**Facultad de Ciencias**  
**E-50009 Zaragoza / Spain**
- Ingelmo-Sanchez, Florencio, Dr.**  
**Inst. Valenciano de Agrar. Investig.**  
**Apartado Oficial**  
**E-46113 Moncada (Valencia) / Spain**
- Inst. del Suelo y Conc. Parc.de Navarra**  
**c/Monasterio de Urdax, 28**  
**E-31011 Pamplona-Navarra / Spain**
- Izquierdo, Jaime**  
**Principado de Asturias**  
**Plaza General Ordóñez, 1 - planta 7<sup>a</sup>**  
**E-33007 Oviedo / Spain**
- Jimenez Mendoza, Carmen C.**  
**Dpto. Edafologia y Geologia**  
**Facultad de Biologia**  
**c/Astrofisico Fco. Sanchez s/r**  
**E-La Laguna (Tenerife) I. Canarias /**  
**Spain**
- Llorens, Pilar**  
**Institut Jaume Almera**  
**Ap. 30102**  
**E-Barcelona / Spain**
- Lopez-Bermudez, Francisco, Prof.**  
**Puerta Nueva, 8-5A**  
**E-30001 Murcia / Spain**
- Machin, Javier**  
**U.E.I. Edafologia**  
**Estacion Exp. Aula Dei**  
**APDO. 202**  
**E-50009 Zaragoza / Spain**
- Macias, Felipe**  
**Dpto. Edafologia**  
**Fac. Biologia**  
**E-15706 Santiago de Compostela /**  
**Spain**
- Magister, Mariano**  
**c/Cadalso Vidrios 12**  
**E-28035 Madrid / Spain**
- Marques, M.A.**  
**Dep. Geologia Dinamica**  
**Univ. Barcelona**  
**Zona Univ. Pedralbes**  
**E-08028 Barcelona / Spain**
- Martinez Fernandez, Jose**  
**Jaime Bort, BQ I, 2<sup>a</sup> Esc. 2<sup>o</sup> E**  
**E-30007 Murcia / Spain**
- Martin-Penela, Antonio**  
**C/Palos de la Frontera 22**  
**E-04007 Almeria / Spain**
- Molina, M<sup>a</sup> Jose**  
**Desertification Research Unit**  
**(IATA, CSIC)**  
**Jaime Roig, 11**  
**E-46010 Valencia / Spain**
- Mora-Davant, Esther**  
**c/Corsega, 236 Entl. 2**  
**E-08036 Barcelona / Spain**
- Ortega, Eduardo**  
**c/Plaza Campillo no 10**  
**E-18009 Granada / Spain**
- Penela, Antonio M.**  
**Palos de la Frontera 22**  
**E-04007 Almeria / Spain**
- Perez-Gonzalez, Alfredo, Dr.**  
**Beatriz de Bobadilla 15**  
**E-28040 Madrid / Spain**
- Roca, Jordi**  
**Escola Tecnica Superior Agraria**  
**Avda. Rovira Roure 177**  
**E-25006 Lleida / Spain**

Rodriguez-Rodriguez, Antonio  
Dpto. Edafologia-Fac.  
Biología-Universidad  
La Laguna-Tenerife  
E-Islands Canarias / Spain

Romero-Díaz, M<sup>a</sup> Asunción  
Plaza Beato Andrés Hibernon 2-5 Iz.  
E-30001 Murcia / Spain

Rubio, Jose Luis, Dr.  
Unidad de Desertificación  
IATA (C.S.I.C.)  
Jaime Roig 11  
E-46010 Valencia / Spain

Sala, María, Prof.Dr.  
Departamento de Geografía Física  
Facultad de Geografía e Historia  
Universidad Barcelona  
E-08028 Barcelona / Spain

Sanchez Montahud, Juan R.  
Departamento Ciencias Ambientales  
División Biología Facultad Ciencias  
Universidad Alicante  
E-Alicante / Spain

Sancho-Marcen, Carlos, Dr.  
Dpto. de Geología (Geomorfología)  
Facultad de Ciencias  
Universidad de Zaragoza  
E-50009 Zaragoza / Spain

Sanroque Muñoz, Pilar  
Goya, 1  
E-46900 Vedat de Torrent / Spain

Sole, Albert  
Inst. de Geología  
Jaume Almera C.S.I.C.  
Apdo. 30102  
E-08028 Barcelona / Spain

Soler, Montserrat  
Institut Jaume Almera  
Ap. 30102  
E-08028 Barcelona / Spain

Ugarte, Felix M<sup>a</sup>, Prof.  
Dpto. Geografía  
Universidad del País Vasco  
Marquis de Urquijo s/n  
E-01006 Vitoria / Spain

Valera, Antonio  
Virgen de la Oliva, 7-2º  
Monsanto Spain  
E-41011 Sevilla / Spain

Valle de Lersundi, Joaquín del  
c/A. Gorritxo 18-1º  
E-31015 Pamplona / Spain

Vidal-Abarca, Rosario  
Dep. de Biología Animal y Ecología  
Univ. de Murcia  
Campus de Espinardo  
E-30100 Murcia / Spain

Ximenos, I.  
Placa Major no.17  
E-43420 Sta.Coloma de  
Queralt(Tarragona) / Spain

Yepes, Jorge  
C/Castello 55-3  
E-28001 Madrid / Spain

#### Sweden

Alström, Kerstin  
Dep. of Physical Geography  
University of Lund  
Sölvegatan 13  
S-22362 Lund / Sweden

Andersson, Arne  
Swedish Univ. Agric. Sci.  
Dept. Soil Sci.  
Box 7014  
S-75007 Uppsala / Sweden

Arvidsson, Johan  
Swedish Univ. Agric. Sci.  
Dept. Soil Sci.  
Box 7014  
S-75007 Uppsala / Sweden

|   |  |
|---|--|
| Berglund, Kertin<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden                  | Ledin, Stig<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden      |
| Etana, Abera<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden                      | Linnér, Harry<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden    |
| Gustafsson, Eva-Lou<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden               | Messing, Ingmar<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden  |
| Haak, Enok<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden                        | Persson, Jan<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden     |
| Hakansson, Inge, Dr.<br>Swedish University of Agricultural Sciences<br>Dept. of Soil Sciences<br>S-75007 Uppsala / Sweden | Rapp, Anders, Prof.<br>Dept. of Physical Geography<br>Solvegatan 13<br>S-22362 Lund / Sweden             |
| Henriksson, Lennart<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden               | <b>Switzerland</b>   |
| Jarvis, Nicholas<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden                  | Achermann, Matthias<br>Kantonales Amt für Umweltschutz<br>Klosterstr. 31<br>CH-6002 Luzern / Switzerland |
| Johansson, Waldemar<br>Swedish Univ. Agric. Sci.<br>Dept. Soil Sci.<br>Box 7014<br>S-75007 Uppsala / Sweden               | Baril, Pierre<br>EPFL-IGRHAM<br>GR-Ecublens<br>CH-1015 Lausanne / Switzerland                            |
|   | Bieri, Markus<br>Bahnhofstr. 30<br>CH-8803 Rüschlikon / Switzerland                                      |
|   | Brunner, Walter, Dr.<br>Enviro AG<br>Baumackerstr. 46<br>CH-8050 Zürich / Switzerland                    |

**Bühl, Herbert**  
**Frohbergstieg 23**  
**CH-8200 Schaffhausen / Switzerland**

**Fachstelle Bodenschutz**  
**Amt f. Gewässerschutz u. Wasserbau**  
**des Kantons Zürich**  
**Walchetur**  
**CH-8090 Zürich / Switzerland**

**Häni, Heinz**  
**Eidg. Forsch. f. Agrikulturchemie und**  
**Umwelthygiene**  
**CH-3097 Liebefeld-Bern / Switzerland**

**Hasinger, Gerhard**  
**Dipl. Agro-Ing. ETS**  
**Forschungsinstitut f. biolog. Landbau**  
**La Fanzalla**  
**CH-1662 Pringy / Switzerland**

**Holenstein, Juerg, Dr.**  
**Amt f. Umweltschutz**  
**Linsebuehlstr. 91**  
**CH-9001 St. Gallen / Switzerland**

**Lehmann, Rainer**  
**Geographisches Institut**  
**Klingelbergstr. 16**  
**CH-4056 Basel / Switzerland**

**Martin, Bernardo**  
**Animateur en Protection des Sols**  
**Compostage-Humus**  
**CH-1053 Montheron / Switzerland**

**Prasuhn, Volker**  
**Geogr. Institut Universität Basel**  
**Spalenring 145**  
**CH-4055 Basel / Switzerland**

**Rohr, Werner**  
**Angstorf**  
**CH-3186 Dudingten / Switzerland**

**Schaub, Daniel**  
**Versuchsanstalt für Wasserbau**  
**Hydrologie u. Glaziologie**  
**ETH-Zentrum**  
**CH-8092 Zürich / Switzerland**

**Schulin, R., Dr.**  
**Eidg. Techn. Hochschule**  
**Inst. f. Wald- und Holzforschung**  
**Bodenphysik, ETH Zentrum**  
**CH-8092 Zürich / Switzerland**

**Sticher, Hans, Prof.Dr.**  
**Institut für Terrestrische Ökologie**  
**Bodenchemie, ETH Zentrum/LFO**  
**CH-8092 Zürich / Switzerland**

**Vedy, Jean-Claude**  
**EPFL IGR-Pédologie**  
**CH-1015 Lausanne / Switzerland**

**Wernli, R., Dipl.Geogr.**  
**c/o Holinger AG**  
**Abt. Geosphäre u. Umwelt**  
**Frey-Herosé-Str. 20**  
**CH-5000 Aarau / Switzerland**

## **The Netherlands**

**Bakker, M. de**  
**J.F. Kennedystraat 16**  
**NL-9728 RA Groningen / The**  
**Netherlands**

**Bronswijk, J.J.B.**  
**Winand Staring Centre**  
**P.O.Box 125**  
**NL-6700 AA Wageningen / The**  
**Netherlands**

**Cammeraat, Erik**  
**Fys. Geogr. en Bodenkundig**  
**Laboratorium**  
**Dapperstr. 115**  
**NL-1093 BS Amsterdam / The**  
**Netherlands**

**Coll. v. Bestuur v.de Landbouwuniv.**  
**Salverdaplein 10**  
**NL-6701 DB Wageningen / The**  
**Netherlands**

**Erosion Steering Group**  
**Nieuwe Kanaal 11**  
**NL-6709 PA Wageningen / The**  
**Netherlands**

**Imeson, A., Dr.**  
**Universiteit van Amsterdam**  
**Fysisch Geografisch en Bodenkundig**  
**Laboratorium, Dapperstraat 115**  
**NL-1093 BS Amsterdam / The**  
**Netherlands**

**Jong, Steven de**  
**Instituut voor Ruimtelijk Onderzoek**  
**University of Utrecht**  
**Heidelberglaan 2 P.O.B. 80.115**  
**NL-3508 TC Utrecht / The Netherlands**

**Kwaad, F.I.P.M.**  
**Fys.geogr. en bodenkundig**  
**laboratorium**  
**Dapperstraat 115**  
**NL-1093 BS Amsterdam / The**  
**Netherlands**

**L.B.B.J. Eppink**  
**Pootakkerweg 17**  
**NL-6706 BW Wageningen / The**  
**Netherlands**

**Mollema, Anne**  
**Centre for International Co-operation**  
**and Appropriate Technology**  
**p/a Schotdeuren 31**  
**NL-4241 BP Arkel / The Netherlands**

**Mücher, H.J., Dr.**  
**Fys. Geogr. 2 Bodemk. Lab.**  
**Dapperstraat 115**  
**NL-1093 BS-Amsterdam / The**  
**Netherlands**

**Mulder, Paul J.M.**  
**Jan ter Gouwweg 50**  
**NL-1414 HC Naarden / The**  
**Netherlands**

**Mulligen, E.J. van**  
**Grubbehoeve 32**  
**F.G.B.L. Universiteit van Amsterdam**  
**NL-1103 GH Amsterdam / The**  
**Netherlands**

**Oldeman/ISRIC, L.R., Dr.**  
**PB 353**  
**NL-6700 AJ, Wageningen / The**  
**Netherlands**

**Poel, Piet van der**  
**Zandzegge 19**  
**2318 ZK**  
**NL-Leiden / The Netherlands**

**Riezebos, H.Th., Dr.**  
**Rijksuniversiteit te Utrecht**  
**Faculteit de Ruimtelijke Wetenschappen**  
**Postbus 80.115**  
**NL-3508 TC Utrecht / The Netherlands**

**Romkens, M.J.M.**  
**en/of Mevr.L.T. Romkens-Thung**  
**Karel Doormanweg 6**  
**NL-3621 XJ Breukelen / The**  
**Netherlands**

**Schouten, C.J., Dr.**  
**CSO Consultants for**  
**Environmental Survey**  
**P.O.Box 30**  
**NL-3734 Z6 Den Dolder / The**  
**Netherlands**

**Strossnýder, L., Prof. Dr.ir.**  
**Wageningen Agricultural University**  
**Dept. Irrigation and Soil & Water**  
**Conservation, Nieuwe Kanaal 11**  
**NL-6709 PA Wageningen / The**  
**Netherlands**

**Vlaanderen, A.C.**  
**Dovenetelstraat 20**  
**NL-1441 PT Purmerend / The**  
**Netherlands**

- United Kingdom**
- Boardman, John**  
Countryside Research Unit  
Brighton Polytechnic Falmer  
GB-Brighton BN1 9PH East Sussex /  
United Kingdom
- Bowyer-Bower, Tanya**  
Department of Geography  
Kings College London Strand  
GB-London, WC2R 2LS / United  
Kingdom
- Department of Geography**  
University College Swansea  
Singleton Park  
GB-Swansea, SA2 8PP / United  
Kingdom
- Evans, Robert**  
Geography Department  
Cambridge University  
Downing Place  
GB-Cambridge CB2 3EN / United  
Kingdom
- Farres, P.J., Dr.**  
Geography Dept.  
Portsmouth Polytechnic  
GB-Portsmouth PO1 3HE / United  
Kingdom
- Forbes-Irving, Tani**  
48 Netherhall Gdns.  
Hampstead NW3 5RG.  
GB-London / United Kingdom
- Fullen, M.A., Dr.**  
School of Applied Sciences  
Wolverhampton Polytechnic  
Wulfruna Street  
GB-Wolverhampton WV1 1LY U.K. /  
United Kingdom
- Haigh, Martin J., Dr.**  
Geography Dept.  
Oxford Polytechnic  
GB-Freeland, Oxon OX7 2HT / United  
Kingdom
- Hudson, Norman, Prof.**  
Silsoe Associates  
The Clock House  
2 Bedford Street, Ampthill  
GB-Bedford, MK45 2NB / United  
Kingdom
- Morgan, R.P.C., Prof.**  
Land Resources Division  
Silsoe College  
GB-Bedford K45 4DT / United Kingdom
- Navas, Ana**  
Department of Geography  
Amury Building, Rennes Drive  
University of Exeter  
GB-Exeter EX4 4NL / United Kingdom
- Rickson, R.I.**  
Land Resources Division  
Silsoe College  
GB-Bedford K45 4DT / United Kingdom
- Stanley, John**  
180 Mountdale Gdns.  
Leigh-On-Sea SS9 4AD.  
GB-Essex / United Kingdom
- Stocking, Michael**  
School of Development Studies  
University of East Anglia  
GB-Norwich Nr. 4 / United Kingdom
- Tatham, Sophie**  
40 Ashfield road  
Altringham WA15 9QJ.  
GB-Cheshire / United Kingdom
- Thornes, J., Prof.**  
Department of Geography  
University of Bristol  
GB-Bristol S8 1SS / United Kingdom

**USA**

**Benito-Ferrandez, Gerardo, Dr.**  
Departm. of Geosciences  
University of Arizona  
Tucson, AZ 85721 / USA

**Gantzer, Clark J., Dr.**  
School of Natural Resources  
143 Mumford  
Univ. of Missouri  
Columbia, MO 65041 / USA

**Karathanasis, A.D., Dr.**  
Department of Agronomy  
N-122 Ag. Sci. North  
University of Kentucky  
Lexington, KY 40546-0091 / USA

**Nearing, Mark A.**  
Agricultural Eng. Dept.  
Univ. of Georgia  
Athens GA 30602 / USA

# CATENA

AN INTERDISCIPLINARY JOURNAL OF

## SOIL SCIENCE HYDROLOGY - GEOMORPHOLOGY

FOCUSING ON

## GEOECOLOGY AND LANDSCAPE EVOLUTION

founded by H. Rohdenburg



A Cooperating Journal of the International Society of Soil Science.

ISSS-AISSLBG

CATENA publishes original contributions in the fields of **GEOECOLOGY**, the geoscientific-hydro-climatological subset of process-oriented studies of the present ecosystem,

- the total environment of landscapes and sites
- the flux of energy and matter (water, solutes, suspended matter, bed load) with special regard to space-time variability
- the changes in the present ecosystem, including the earth's surface and

**LANDSCAPE EVOLUTION**, the genesis of the present ecosystem, in particular the genesis of its structure concerning soils, sediment, relief, their spatial organization and analysis in terms of paleo-processes;

- soils: surface, relief and fossil soils, their spatial organization pertaining to relief development,
- sediment with relevance to landscape evolution, the paleohydrologic environment with respect to surface runoff, competence, and capacity for transport of bed material and suspended matter, infiltration, groundwater and channel flow,
- the earth's surface, relief elements and their spatial-hierarchical organization in relation to soils and sediment
- the paleoclimatological properties of the sequence of paleo-environments.

CATENA publishes multidisciplinary studies as well as monodisciplinary papers that are of interest to other disciplines and are of relevance to landscape studies.

ISSN 0341-8162

CATENA VERLAG