

NEWSLETTER 3 + 4 / 1996

# E.S.S.C.

EUROPEAN SOCIETY FOR  
SOIL CONSERVATION

**ESSC**

*EUROPEAN  
SOCIETY for  
SOIL  
CONSERVATION*

*Addresses and Interests*

## E.S.S.C. NEWSLETTER 3+4 / 1996

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## Editorial

Since a new Editorial Board has been elected by the Council during the ESSC-Congress at Weihenstephan in September 1996, this is the last edition of the Newsletter which is produced in Trier. Beginning with the issue 1/1997, R.P.C. Morgan will provide the members of our Society with the Newsletter in the function as Editor-in-Chief.

All contributions for inclusion in the Newsletter should therefore be sent from now to Prof. Morgan. His work will be promoted by the Co-Editors, who are responsible for contributions in the other three languages of the Newsletter, Prof. Vogt for papers in french language, Dr. Auerswald (Weihenstephan) for german language and Dr. Gallardo Diaz for spanish language.

Please make use of the Newsletter for reports and announcements of any items which may be of interest to others: reports on conservation projects or achievements of your research, congress reports, staff changes in institutions, announcements of conferences and new books. It is up to the incoming contributions to keep the Newsletter on the high level of interest and topicality, which it has achieved now over eight years.

As we are doing every second year, this edition contains the recent membership list. In addition to this the special fields of interest are listed of those members who answered the circular of the secretary. We believe that this list will be helpful for promoting discussions and exchange of experience among the members of our Society.

AIM contains in this issue mainly the information on the results of the elections, which took place in the General Assembly and in the Council meeting during the Second ESSC-Congress at Weihenstephan. The members of the new Council 1996-2000, of the Executive Committee and of the Editorial Board are listed, their addresses, telephone, fax numbers and E-mail connections are given to enable a close contact among the members and the Council.

The list of ESSC members per country shows that our Society is still slowly growing. As can be seen in the Report of Finances the membership is still the main source of funding, it is the "life-blood" of our Society. We have therefore sent out a second reminder to all members with unpaid subscriptions. The deadline was set to the end of 1996.

Starting with the ESSC-Congress at Weihenstephan the Council has split the function of the Secretary-Treasurer. Secretary is now Prof. Jean Poesen, Leuven (Belgium), and the treasury of the Society is guarded by Dr. Katharina Helming, Müncheberg (Germany). She will establish a new bank account of the Society at the beginning of 1997, to which all payments should be directed for the future. The present bank account, however, will be continued for some months.

The programme of meetings is not yet completely established for the next few years. We need some more offers to organize interesting meetings, workshops and seminars, particularly in fields which the Society has not yet covered, but which fall generally within the aims of soil conservation.

Let me return in this context to a proposal, which was written by Inge Håkansson (Uppsala, Sweden) in Newsletter 4/1995, p.20: "Society should consider the establishment of limits for mechanical stresses in the subsoil. An international effort to establish guidelines for such limits is desirable." There are also problems of soil conservation, for which the establishment of guidelines is desirable, for example the soil loss tolerances for the different european soil types, the calculation of the rainfall energy for the main types of precipitation in different climatic regions of our continent, and others. It would be of high interest also to collect results of the existing plot measurements on water erosion all over Europe and to come to an establishment of standard methods for measurements.

All these and many other problems may be discussed initially at workshops, but the systematic collection of data and the establishment of guidelines seems to be more a task of working groups, which meet several times for discussion, drafting and publication of the results in the Newsletter, as a basis for a general discussion among our members.

Please do not hesitate to make proposals for workshops and working groups.

With best wishes for a successful year 1997

G. Richter  
President

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## List of abbreviations

| Country       | Abbreviation | Country     | Abbreviation |
|---------------|--------------|-------------|--------------|
| Albania       | ALB          | Israel      | IS           |
| Algeria       | ALG          | Italy       | I            |
| Australia     | AUS          | Lithuania   | LI           |
| Argentina     | ARG          | Luxembourg  | LUX          |
| Austria       | A            | Mali        | MA           |
| Belgium       | B            | Mexico      | MEX          |
| Belorussia    | BR           | Moldavia    | MO           |
| Bulgaria      | BUL          | Netherlands | NL           |
| Burkina Faso  | BUR          | Norway      | N            |
| Canada        | CAN          | Paraguay    | PA           |
| China         | CH           | Poland      | POL          |
| Colombia      | CO           | Portugal    | POR          |
| Croatia       | CR           | Romania     | RO           |
| Cuba          | CU           | Russia      | RUS          |
| Czechia       | CZ           | Serbia      | SE           |
| Denmark       | D            | Slovakia    | SLK          |
| Estonia       | ES           | Slovenia    | SLV          |
| Finland       | FIN          | Spain       | SP           |
| France        | F            | Swaziland   | SW           |
| Georgia       | GE           | Sweden      | S            |
| Germany       | G            | Switzerland | SWI          |
| Great Britain | GB           | Taiwan      | TAI          |
| Greece        | GR           | Thailand    | TH           |
| Hungary       | H            | Turkey      | TU           |
| Iceland       | ICE          | Ukraine     | UKR          |
| Ireland       | IRE          | USA         | US           |
|               |              | Venezuela   | VE           |

### Register of Members' Interests

|  |                        |                        |                              |                     |                    |
|--|------------------------|------------------------|------------------------------|---------------------|--------------------|
| <b>Agroforestry</b>                    | Hartge G               | König G                | Zykov RUS                    | Tarasov UK          |                    |
| <b>Air pollution</b>                   | Kozlov TH              |                        |                              |                     |                    |
| <b>Alkalization</b>                    | Tóth H                 |                        |                              |                     |                    |
| <b>Biological degradation of soils</b> | Martin-Ramos SP        | Hernandez-Fernandez SP | Bielek SLK                   |                     |                    |
| <b>Chemical degradation of soils</b>   | Achermann SWI          | Felipó Oriol SP        | Gonzalez-Parra SP            | Reintam ES          | Varallyay H        |
|  | Bashkin RUS            | Ilyin RUS              | Chodak POL                   | Niedzwiecki POL     | Csillag H          |
|  | Bullock GB             |                        |                              |                     |                    |
| <b>Conservation tillage</b>            | Alakukku FIN           | Tcvetkova BUL          | Bicanic CR                   | Cantero-Martínez SP | Adams B            |
| <b>Crop management</b>                 | Boiffin F              | Derpsch PA             | Müller-Sämann CO             |                     |                    |
| <b>Crusting</b>                        | Hartge G               | Kwaad NL               | Hartmann B                   | Hakansson S         | Roth AUS           |
|  | Mücher NL              | Boiffin F              | Poch Claret SP               | Helming G           |                    |
| <b>Desertification</b>                 | Poesen B               | Stigliano MA           | Lopez-Bermudez SP            | Hartmann B          | Riezebos NL        |
|  | Rodriguez-Rodriguez SP | Louisakis GR           | Rubio SP                     | Schnabel SP         | Lehmann G          |
|  | Oostwoud Wijndenes B   | Poch Claret SP         | Cerdá-Bolinches SP           | Martin-Ramos SP     | Shakesby GB        |
|  | Arnalds ICE            | Baren NL               | Mitchell GB                  | Wesemael GB         | Skidmore US        |
| <b>Drainage</b>                        | Feyen B                | Linnér S               | Djorovic SE                  |                     |                    |
| <b>Environmental Impact Assessment</b> | Sala SP                | König G                | Amt für Gewässerschutz.. SWI | Mora Davant NL      | Mücher NL          |
|  | Haider G               | Pécsi H                | Varallyay H                  | Hipkin GB           | Bashkin RUS        |
|  | Kurachev RUS           | Tajimurazova RUS       | Tjurjukanov RUS              | Kozlov TH           | Kuzucuoglu F       |
|  | Barsukov RUS           | Vagstad N              | Mosimann G                   | Cruanas SP          | De Wilde B         |
| <b>Erosion plots</b>                   | Fullen GB              | Gutierrez-Elorza SP    | Sancho Marcen SP             | Martin F            | Garcia-Camarero SP |
|  | Cortez POR             | Jiminez-Mendoza SP     | Nestroy A                    | Zimbone I           | Daskalov BUL       |
| <b>Erosion risk assessment</b>         | Amt f.Gewässer.. SWI   | Evans GB               | Fröhlich SWI                 | Glazunov RUS        | Govers B           |

|                                   |                           |                           |                      |                    |                           |
|-----------------------------------|---------------------------|---------------------------|----------------------|--------------------|---------------------------|
| continued from<br>Erosion risk... | Klaghofer A               | Kuznetsov RUS             | Kweton G             | Mora Davant NL     | Mosimann G                |
|                                   | Nedelcu RO                | Poch Claret SP            | Poesen B             | Prasuhn SWI        | Prinz G                   |
|                                   | Reis POR                  | Rejman POL                | Riezebos NL          | Roth AUS           | Scholten G                |
|                                   | Schröder G                | Stroosnijder NL           |                      |                    |                           |
| Erosion surveys                   | Nakos GR                  | Gonzalez del Tanago SP    | Morgan GB            | Mulder NL          | Jamagne F                 |
|                                   | Evans GB                  | Reis POR                  | Boiffin F            | Jong NL            | Arnaids ICE               |
|                                   | Baren NL                  | Tarasov UKR               | Vovk SLV             |                    |                           |
| Fertility                         | Raimond B                 | Phosphoric Fertilizers GR | Bielek SLK           |                    |                           |
| Fertilizers                       | Phosphoric Fertilizers GR | Vlassak B                 |                      |                    |                           |
| Forestry                          | Nakos GR                  | Fernandes Lourenco POR    | Dibona I             | Seilopoulos GR     | Zubkova RUS               |
| Gabions                           | Rivelli ARG               |                           |                      |                    |                           |
| Geotextiles                       | Rickson GB                |                           |                      |                    |                           |
| GIS                               | Henzler G                 | Fernandes Lourenco POR    | Klaghofer A          | Kozlov TH          | Marques POR               |
|                                   | Fröhlich SWI              | Kweton G                  |                      |                    |                           |
| Grazing                           | Schnabel SP               |                           |                      |                    |                           |
| Gully erosion                     | Poesen B                  | Vogt F                    | Oostwoud Wijndenes B | Buzek CZ           | Scholten G                |
| Gully erosion control             | Szabó H                   | Palys POL                 | Roose F              | Nedelcu RO         | Rivelli ARG               |
| Irrigation                        | Feyen B                   | Louisakis GR              | Linnér S             | Przybyla POL       | Neshkova BUL              |
| Land classification               | Sgouras GR                | Nakos GR                  | Fierotti I           | Dazzi I            | Boixadera SP              |
|                                   | Jamagne F                 | Klaghofer A               | Kurachev RUS         | Plaku ALB          | Olarieta-Alberdi SP       |
|                                   | Vovk SLV                  |                           |                      |                    |                           |
| Land use                          | Hecke B                   | Stigliano MA              | Achermann SWI        | Tauché G           | Garcia-Ruiz SP            |
|                                   | Dibona I                  | Hernandez-Fernandez SP    | Tajmurazova RUS      | Ursu MO            | Tjurukanov RUS            |
|                                   | Kobza SLK                 | Przybyla POL              | Olarieta-Alberdi SP  | Kweton G           | Servicio d. Estr. Agr. SP |
| Mass movements                    | Strunk G                  | Jäger G                   | Makó H               | Paswal Comellas SP | Rivelli ARG               |

|                                   |                                |                         |                           |                           |                           |
|-----------------------------------|--------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|
| <b>Mediterranean environments</b> | Servicio d.<br>Estruc. Agr. SP | Sgouras GR              | Vogt F                    | Sancho Marcen<br>SP       | Gonzalez del<br>Tanago SP |
|                                   | Lopez-Bermudez<br>SP           | Martin F                | Fernandes<br>Lourenco POR | Martinez-<br>Fernandez SP | Lehmann G                 |
|                                   | Gerold G                       | Heusch G                | Andrieux F                | Walsh GB                  | Roose F                   |
|                                   | Wesemael GB                    | Cantero-<br>Martinez SP | Seilopoulos GR            |                           |                           |
| <b>Modelling</b>                  | Feyen B                        | Tomás POR               | Kwaad NL                  | Morgan GB                 | Riezebos NL               |
|                                   | Sticher SWI                    | Jong NL                 | Botterweg N               | Zimbone I                 | Daskalov BUL              |
|                                   | Vaska CZ                       | Favis-Mortlock<br>GB    | Walkowiak POL             | Fröhlich SWI              | Skidmore US               |
|                                   | Schaub SWI                     | Makó H                  | Barsukov RUS              |                           |                           |
| <b>Mulching</b>                   | Derpsch PA                     |                         |                           |                           |                           |
| <b>Nutrient losses</b>            | Vlassak B                      | Prasuhn SWI             | Cortez POR                | Bashkin RUS               | Sibbesen D                |
|                                   | Barsukov RUS                   |                         |                           |                           |                           |
| <b>Organic farming</b>            | König G                        | Schjønning D            | Tcevetkova BUL            |                           |                           |
| <b>Organic matter</b>             | Vlassak B                      | Raimond B               | Berglund S                | Reintam ES                | Plaku ALB                 |
| <b>Overland flow</b>              | Govers B                       | Torri I                 | Parsons GB                | Walsh GB                  | Helming G                 |
| <b>Rain erosivity</b>             | Richter G                      | Tomás POR               | Henzler G                 |                           |                           |
| <b>Rainfall simulation</b>        | Rickson GB                     | Prinz G                 | Tooms-Moore<br>GB         | Rejman POL                |                           |
| <b>Rangeland</b>                  | Roth AUS                       | Tooms-Moore<br>GB       |                           |                           |                           |
| <b>Regulatory measures</b>        | Paswal Comellas<br>SP          |                         |                           |                           |                           |
| <b>Remote sensing</b>             | Jong NL                        |                         |                           |                           |                           |
| <b>Rill erosion</b>               | Govers B                       | Gutierrez-Elorza<br>SP  | Palys POL                 | Buzek CZ                  | Helming G                 |
| <b>Runoff simulation</b>          | Andrieux F                     | Parsons GB              | Povilaitis LI             |                           |                           |
| <b>Salinization</b>               | Rodriguez-<br>Rodriguez SP     | Varallyay H             | Tóth H                    |                           |                           |
| <b>Sand dunes</b>                 | Henzler G                      |                         |                           |                           |                           |
| <b>Sediment yield</b>             | Sgouras GR                     | Garcia-Ruiz SP          | Tooms-Moore<br>GB         | Schaub SWI                |                           |
| <b>Shelterbelts</b>               | Dolgilevich UKR                |                         |                           |                           |                           |

|                        |                        |                      |                           |                    |                |
|------------------------|------------------------|----------------------|---------------------------|--------------------|----------------|
| Slopes                 | Strunk G               | Gutierrez-Elorza SP  | Pécsi H                   | Parsons GB         |                |
| Snowmelt erosion       | Richter G              | Botterweg N          |                           |                    |                |
| Socio-economic factors | Hecke B                | Stigliano MA         |                           |                    |                |
| Soil chemistry         | Blum A                 | Sticher SWI          | Phosphoric Fertilizers GR | Reintam ES         | Kurachev RUS   |
|                        | Niedzwiecki POL        | Csillag H            |                           |                    |                |
| Soil compaction        | Becher G               | Hartge G             | Hakansson S               | Alakukku FIN       | Schjønning D   |
|                        | Birkás H               | Walkowiak POL        | Bicanic CR                |                    |                |
| Soil conditioners      | Fullen GB              | Berglund S           | Brandsma GB               | Vovk SLV           |                |
| Soil conservation      | Achermann SWI          | Amt f. Umwelt... SWI | Baren NL                  | Berglund S         | Bicanic CR     |
|                        | Birkás H               | Bjornshaue-Hansen D  | Boixadera SP              | Brandsma GB        | Bullock GB     |
|                        | Chodak POL             | Dibona I             | Eppink NL                 | Evans GB           | Fullen GB      |
|                        | Garcia-Camarero SP     | Henzler G            | Ingelmo-Sanchez SP        | Jamagne F          | Jenssen D      |
|                        | Kuzucuoglu F           | Louisakis GR         | Meza-Sanchez MEX          | Mitchell GB        | Mora-Davant NL |
|                        | Morgan GB              | Mosimann G           | Mulder NL                 | Neshkova BUL       | Nestroy A      |
|                        | Plaku ALB              | Raimond B            | Rickson GB                | Schröder G         | Shakesby GB    |
|                        | Sheliakin UKR          | Sklodowski POL       | Stroosnijder NL           | Szabó H            | Tarasov UKR    |
|                        | Ursu MO                | V'a'ska CZ           | Vagstad N                 | Zykov RUS          |                |
| Soil erodibility       | Torri I                | Mulligen NL          | Gerold G                  | Jiminez-Mendoza SP | Henzler G      |
|                        | Cerdá-Bolinches SP     | Gonzalez-Parra SP    | Kuznetsov RUS             | Schjønning D       | Sheliakin UKR  |
|                        | Walsh GB               | Malinov BUL          | Brandsma GB               | Müller-Sämann CO   | Marques POR    |
|                        | Rejman POL             |                      |                           |                    |                |
| Soil pollution         | Amt für Umwelt ... SWI | Bjornshaue-Hansen D  | Blum A                    | Chodak POL         | Csillag H      |
|                        | Felipó Oriol SP        | Gonzalez-Parra SP    | Hipkin GB                 | Ilyin RUS          | Kobza SLK      |
|                        | Makó H                 | Niedzwiecki POL      | Reiniger B                | Sklodowski POL     | Sticher SWI    |
|                        | Cruanas SP             | Zubkova RUS          |                           |                    |                |

|                                     |                            |                        |                      |                      |                       |
|-------------------------------------|----------------------------|------------------------|----------------------|----------------------|-----------------------|
| <b>Soil protection policy</b>       | Adams B                    | Amt f. Gewässer... SWI | Amt f. Umwelt... SWI | Bielek SLK           | Blum A                |
|                                     | Bullock GB                 | Jäger G                | Nestroy A            | Olarieita-Alberdi SP | Reiniger B            |
|                                     | Sklodowski POL             | Tajmurazova RUS        | Tjurjukanov RUS      | Ursu MO              |                       |
| <b>Tillage</b>                      | Birkás H                   | Derpsch PA             | Hakansson S          | Jenssen D            |                       |
| <b>Tillage erosion</b>              | Marques POR                | Sibbesen D             |                      |                      |                       |
| <b>Universal soil loss equation</b> | Cortez POR                 | Roose F                |                      |                      |                       |
| <b>Vegetation</b>                   | Garcia-Camarero SP         | Gonzalez del Tanago SP | Hipkin GB            | Martin-Ramos SP      | Tauché G              |
|                                     | Tóth H                     |                        |                      |                      |                       |
| <b>Waste management</b>             | Felipó Oriol SP            | Ingelmo-Sánchez SP     | Cruanas SP           | De Wilde B           |                       |
| <b>Water conservation</b>           | Cantero-Martinez SP        | Eppink NL              | Hartmann B           | Jenssen D            | Martinez-Fernandez SP |
|                                     | Prinz G                    | Schröder G             | Stroosnijder NL      | Va'ska CZ            | Wesemael GB           |
| <b>Water erosion</b>                | Servicio d. Estru. Agr. SP | Becher G               | Bjornshae-Hansen D   | Boixadera SP         | Buzek CZ              |
|                                     | Cerdá-Bolinches SP         | Daskalov BUL           | Djorovic SE          | Favis-Mortlock GB    | Garcia-Riu SP         |
|                                     | Haider G                   | Henzler G              | Heusch G             | Ingelmo-Sánchez SP   | Jiminez-Mendoza SP    |
|                                     | Kuznetsov RUS              | Kwaad NL               | Lehmann G            | Lopez-Bermudez SP    | Malinov BUL           |
|                                     | Mannaerts NL               | Martin F               | Mücher NL            | Mulder NL            | Neshkova BUL          |
|                                     | Oostwoud Wijdenes B        | Palys POL              | Paswal Comellas SP   | Povilatis LI         | Prasuhn SWI           |
|                                     | Rubio SP                   | Sala SP                | Sancho Marcen SP     | Schnabel SP          | Scholten G            |
|                                     | Shakesby GB                | Sheliakin UKR          | Sibbesen D           | Strunk G             | Tomás POR             |
|                                     | Vogt F                     | Zykov RUS              |                      |                      |                       |
| <b>Water pollution</b>              | Adams B                    | Linnér S               | Malinov BUL          | Mannaerts NL         | Schaub SWI            |
|                                     | Zubkova RUS                | De Wilde B             |                      |                      |                       |
| <b>Water quality</b>                | Dazzi I                    | Fierotti I             | Haider G             | Mannaerts NL         | Povilaitis LI         |
|                                     | Przybyla POL               | Reiniger B             | Sala SP              |                      |                       |
| <b>Watershed monitoring</b>         | Andrieux F                 | Djorovic SE            | Gerold G             | Jager G              | Martinez-Fernandez SP |
|                                     | Mitchell GB                | Nedelcu RO             | Richter G            | Vagstad N            | Zimbone I             |

|                |                 |              |                 |              |           |
|----------------|-----------------|--------------|-----------------|--------------|-----------|
| Wetlands       | Heusch G        | Kuzucuoglu F |                 |              |           |
| Wind erosion   | Arnalds ICE     | Becher G     | Dolgilevich UKR | Glazunov RUS | Henzler G |
|                | Skidmore US     |              |                 |              |           |
| Wind erosivity | Szabó H         |              |                 |              |           |
| Wind tunnels   | Dolgilevich UKR | Glazunov RUS |                 |              |           |

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## AIM - ANNOUNCEMENTS, INFORMATION, MEETINGS

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### Election of New Council 1996 - 2000

The procedures for the election of the 1996-2000 Council were published in Newsletter 1/1996. The list of candidates nominated by members was published in Newsletter 2/1996. The six members nominated by the outgoing Council was also published in Newsletter 2/1996.

The list of candidates was presented to the General Assembly on 3 September 1996 with two minor changes: (1) J.J. Ibañez Martí had withdrawn his candidature; and (2) Díaz was confirmed as J. Gallardo Díaz.

The list of candidates was accepted by the General Assembly with 42 votes in favour, 4 abstentions and no votes against. The New Council is as follows:

|                 |                             |                   |
|-----------------|-----------------------------|-------------------|
| Austria         | Prof. Dr. O. Nestroy        | Graz              |
| Belgium         | Prof. Dr. D. Gabriels       | Gent              |
|                 | Prof. Dr. J. Poesen         | Leuven            |
| Denmark         | Mr P. Schjønning            | Foulum            |
| France          | Dr. Y. Le Bissonnais        | Ardon             |
| Germany         | Dr. K. Auerswald            | Freising          |
|                 | Prof. Dr. H. R. Bork        | Berlin            |
|                 | Dr. K. Helming              | Müncheberg        |
|                 | Prof. Dr. G. Richter        | Trier             |
| Greece          | Prof. Dr. N. Misopolinos    | Thessaloniki      |
|                 | Prof. Dr. N. Silleos        | Thessaloniki      |
| Hungary         | Dr. A. Kertész              | Budapest          |
| Italy           | Prof. Dr. C. Dazzi          | Palermo           |
|                 | Dr. D. Torri                | Firenze           |
| The Netherlands | Drs. F.J.P.M. Kwaad         | Amsterdam         |
|                 | Dr. A.P.J. De Roo           | Utrecht           |
| Norway          | Dr. N. Vagstad              | Ås                |
| Poland          | Prof. Dr. Skłodowski        | Warsaw            |
| Portugal        | Prof. Dr. C. de O.A. Coelho | Aveiro            |
|                 | Mr. J. da Silva Madruga     | Angra do Heroísmo |
| Russia          | Prof. Dr. G.P. Glazunov     | Moscow            |
|                 | Prof. Dr. M.S. Kuznetsov    | Moscow            |
| Spain           | Dr. J. Gallardo Díaz        | Madrid            |
|                 | Prof. Dr. I. Pla Sentis     | Lleida            |
|                 | Dr. J. L. Rubio             | Valencia          |
| Sweden          | Dr. A. Bergman-Åkerman      | Lund              |
| Switzerland     | Prof. Dr. R. Schulin        | Schlieren         |
| United Kingdom  | Prof. R.P.C. Morgan         | Silsoe            |
|                 | Dr. R.A. Shakesby           | Swansea           |

## **Executive Committee**

|  |  |
|--|--|
| President:                                     | Prof. Dr. G. Richter<br>Universität Trier<br>Universitätsring<br>D-54286 Trier<br>Germany  |
| Vice-Presidents:                               | Dr. J.L. Rubio, Valencia, Spain<br>Prof. Dr. A. Kertész, Budapest, Hungary   |
| Secretary:                                     | Prof. Dr. J. Poesen<br>Laboratorium voor Experimentele Geomorfologie<br>Katholieke Universiteit Leuven<br>Redingenstraat 16 bis<br>B-3000 Leuven<br>Belgium  |
| Treasurer:                                     | Dr. K. Helming<br>Zentrum für Agrarlandschafts- und Landnutzungsforschung e.V.<br>(ZALF)<br>Eberswalder Straße 84<br>15374 Müncheberg<br>GERMANY   |
| Members:                                       | Prof. Dr. G. Glazunov, Moscow, Russia<br>Prof. Dr. N. Misopolinos, Thessaloniki, Greece<br>Prof. R.P.C. Morgan, Silsoe, United Kingdom<br>Prof. Dr. I. Pla Sentis, Lleida, Spain<br>Dr. D. Torri, Firenze, Italy |
| Publications Officer /<br>Editor of Newsletter | Prof. R.P.C. Morgan<br>School of Agriculture Food and Environment<br>Cranfield University<br>Silsoe<br>Bedford MK45 4DT<br>United Kingdom  |
| Editorial Board:                               | Dr. K. Auerswald, Freising, Germany<br>Dr. J. Gallardo Diaz, Madrid, Spain<br>Prof. Dr. H. Vogt, Strasbourg, France  |

## ESSC General Meeting

3 September 1996

### President's Report

Over the last four years, the ESSC has staged four successful conferences:

- *Soil erosion in semi-arid Mediterranean areas*  
Taormina (Italy), 28-30 October 1993
- *Problems and management of soil salinization and alkalinization in Europe*  
Budapest and Karcag (Hungary), 26-30 April, 1994
- *The soil as a strategic resource: degradation processes and conservation measures*  
Tenerife, Fuerteventura and Lanzarote (Canary islands), 11-15 July 1995

The Society has also collaborated in the joint organization of several international meetings, most notably:

- *Experimental geomorphology and landscape ecosystem changes*  
Memorial Symposium for Professor Jan De Ploey, Leuven (Belgium), 22-27 March 1993
- *Desertification in developed countries: why can't we control it?*  
Tucson, AZ, 24-28 October 1994
- *First European Conference and Trade Exposition on erosion control*  
Sitges-Barcelona, May 29, 30 and 31, 1996

Unfortunately, two meetings, one in Austria on sodding in vineyards and one, planned for Moscow, on soil conservation in Europe, had to be cancelled. The cancellations reflect the combined problems of too many meetings and insufficient time and funding to attend them all. This is an issue which the new Council will need to consider when planning future conferences.

The Council held meetings during the Conferences in Leuven, Budapest and Tenerife. The Executive Committee met in Budapest, Taormina, Ås and Trier. In Hungary and Norway, the local organisers arranged a programme of technical presentation and field visits which was extremely enjoyable.

Attendance at the Council Meetings was initially poor and this led the Society to change its Statutes to reduce the size of the quorum required for it conduct its business. Nevertheless, the Council included some very active members who were able to attend the majority of the meetings and who worked very hard to promote the Society within their own countries.

The Newsletter has appeared more or less regularly with at least three and often four issues a year. The content has become more varied and interesting.

Unfortunately, John Boardman had to relinquish the Editor-in-Chief role after three years because of pressure of work and lack of local support. Fortunately, Gerold Richter was able to take on the responsibility in Trier.

The Society, acting through Henri Vogt, provided advice to the Group of Specialists on Soil Conservation in the Council of Europe in drawing up draft recommendations on soil protection. Unfortunately, the Council of Ministers dissolved the Specialist Group in December 1993.

The exercise in cooperation with the Council of Europe identified the need for the Society to develop a mechanism for advising external organizations. The proposal of Richter to set up specialist Working Groups marks an important step in moving the Society forward.

During the last four years, the following publications have been produced on behalf of the Society:

- Rickson, R.J. (ed), 1994. *Conserving soil resources: European perspectives*. CAB International, Wallingford. (Papers from the First ESSC Congress).
- Sala, M. and Rubio, J.L. (eds). 1994. *Soil erosion and degradation as a consequence of forest fires*. Geoforma Ediciones, Logroño. (Proceedings of the ESSC Meeting in Valencia and Barcelona).
- 1995. *Proceedings, Workshop on soil erosion in semi-arid Mediterranean areas, October 28-30, 1993, Taormina, Italy*. Consiglio Nazionale delle Ricerche, Roma.
- Misopolinos, N. and Szabolcs, I. (eds). 1996. *Soil salinization and alkalinization in Europe*. ESSC Special Publication, Thessaloniki.

In order to advance the publication activities of the Society, an agreement has been signed with CAB International for publications of future ESSC titles. The New Council will appoint a Publications Officer who will act as a liaison between the Society and CAB and assist members of the Society in presenting proposals for publication. Proposals would be welcomed from conference organizers, working groups and individual members of the Society who are considering publication in any form (books, pamphlets, CD ROMs). This is a major opportunity for the Society because its success would ensure an additional source of income.

At present, the only income comes from the subscriptions and these are barely enough to cover the costs of producing and mailing the Newsletter. The Secretary-Treasurer has reviewed the current status of all members, too many of whom have outstanding dues. The new Council must ensure that the Society remains sufficiently attractive for these people to pay the balance and retain their membership.

The proposal of the Council to allow free membership to people in the former "East European Countries" has been successful. The New Council will need to keep the arrangement under review so that, as these countries' economies, the members begin to pay.

The Council agreed to a proposal for the Society to make awards for 'outstanding contributions to soil conservation and protection in Europe'. The main award of the Society goes to Giancarlo Chisci. Jussi Baade is the recipient of the Young Person's Award.

R P C Morgan

Silsoe

1 September 1996

**European Society for Soil Conservation  
Award 1996**

**Professor Giancarlo Chisci**

Professor Giancarlo Chisci graduated cum laude in Agricultural Science from the University of Firenze in 1953. He then became an Assistant in the Department of Agronomy and Crop Production, working on the structure of clay soils, before moving in 1957 to the Istituto Sperimentale per le Coltore Foraggere at Lodi. Here his work on the use of forage crops and cultivation methods to promote optimum soil structure led to some 80 scientific publications in international and Italian journals and some 30 extension articles for farmers and technicians.

In 1969 he transferred to the Istituto Sperimentale per lo Studio e la Difesa del Suolo, in Firenze, where he set up small watershed and plot experiments in the Era and Mugello valleys to investigate the effects of changing agricultural practices on hydrology, soil erosion and land degradation. He pioneered research on innovative methods for soil conservation and on the assessment of erosion risk based on time-lapse studies, computational models and geographical information systems. His work was applied in projects within the hilly areas of Cesena County and Oltrepò Pavese in Pavia. In 1974, he became Head of the Soil Physics Department. By the time he left in 1986, he had established a research group containing many excellent people who, as a result of his stimulus and leadership, have now developed their own international reputations. He had also produced some 100 scientific publications.

Giancarlo Chisci took up a full professorship in Agronomy and Crop Science at the University of Palermo in 1986 where he remained until 1989 when he was asked to return to Firenze to take the chair in Crop Science.

In the 1970s, when there was little general awareness of the problems of soil erosion in Europe, he became the Italian representative on the Standing Committee on 'Soil and water use and management' within Directorate General VI of the European Commission. His combination of scientific knowledge and diplomatic skills, determination, and power of persuasion, led to the setting up of a Steering Group within DGVI for the study of erosion and soil conservation. His work on this Group was instrumental in bringing about the first EC Conference on soil erosion, held at Firenze in 1983.

Giancarlo Chisci was the driving force behind the increasing awareness of soil erosion in Europe in the 1970s and 1980s. He was the instigator and supporter of many collaborative European projects and a founder member of the European Society for Soil Conservation, on which he served for six years as an Italian representative on Council. There are many who have benefited from his friendly encouragement, inspiration and willingness to share his vast experience.

In recognition of these outstanding contributions to soil conservation and protection in Europe, Professor Giancarlo Chisci receives the 1996 Award of the European Society for Soil Conservation.

**European Society for Soil Conservation  
Young Person's Award 1996**

**Dr Jussi Baade**

Dr Jussi Baade was awarded his PhD from the Department of Geography, University of Heidelberg for his research on practical measures of reducing off-site damage from soil erosion.

The work involved a three-year (1989-1992) experimental programme on a farm in the hilly loess belt of the Kraichgau in southwest Germany. The results demonstrated the importance of establishing a grass waterway along the thalweg to control ephemeral gullyling and to reduce the mobilisation of sediment. In addition, a sediment retention area was established at the outlet of the 62 hectare catchment.

Baade's research enabled the effect of these measures to be quantified and placed in the current social and political context of the area. As a result of their success, the methods, linking practice with sound science, are now included in the land planning systems of the south Kraichgau.

In recognition of this contribution to soil conservation and protection in Europe, Dr Baade received the Young Person's Award of the European Society for Soil Conservation for 1996.

### Members 1992 - 1996

| Country        | 1992 | 1993 | 1994 | 1995 | 1996 |
|----------------|------|------|------|------|------|
| Albania        |      |      |      | 1    | 1    |
| Algeria        | 1    | 1    | 1    | 1    | 1    |
| Australia      |      |      | 1    | 1    | 1    |
| Argentina      | 1    |      |      |      | 1    |
| Austria        | 3    | 3    | 3    | 4    | 4    |
| Belgium        | 39   | 41   | 38   | 38   | 37   |
| Belorussia     | 1    | 1    | 1    | 1    | 1    |
| Bulgaria       | 2    | 5    | 6    | 7    | 7    |
| Burkina Faso   | 1    | 1    | 1    |      |      |
| Canada         | 2    | 2    | 2    | 2    | 2    |
| China          | 1    | 2    | 2    |      |      |
| Colombia       |      |      | 1    | 1    | 1    |
| Croatia        | 2    | 2    | 3    | 3    | 3    |
| Cuba           |      |      |      | 1    | 1    |
| Czechia        |      |      |      | 9    | 9    |
| Czechoslovakia | 12   | 10   | 9    |      |      |
| Denmark        | 12   | 14   | 15   | 14   | 11   |
| Estonia        | 1    | 1    | 1    | 1    | 1    |
| Finland        | 2    | 2    | 2    | 2    | 2    |
| France         | 45   | 45   | 43   | 46   | 46   |
| Georgia        | 1    | 1    | 1    | 1    | 1    |
| Germany        | 76   | 75   | 73   | 78   | 79   |
| Great Britain  | 32   | 35   | 37   | 42   | 39   |
| Greece         | 26   | 28   | 26   | 29   | 31   |
| Hungary        | 9    | 9    | 10   | 14   | 14   |
| Iceland        | 2    | 2    | 2    | 2    | 2    |
| Ireland        | 1    | 1    | 1    | 1    | 1    |
| Israel         | 5    | 5    | 5    | 5    | 5    |
| Italy          | 21   | 27   | 26   | 27   | 27   |
| Lithuania      |      |      |      | 2    | 2    |
| Luxembourg     | 4    | 4    | 3    | 4    | 3    |
| Mali           |      |      |      | 1    | 1    |
| Mexico         | 2    | 2    | 2    | 2    | 2    |
| Moldavia       | 2    | 2    | 2    | 2    | 2    |
| Netherlands    | 22   | 24   | 24   | 28   | 27   |
| Norway         | 4    | 4    | 4    | 5    | 6    |
| Paraguay       | 1    | 1    | 1    | 1    | 1    |
| Poland         | 18   | 18   | 19   | 21   | 22   |
| Portugal       | 31   | 34   | 36   | 38   | 38   |
| Romania        | 3    | 4    | 4    | 5    | 5    |
| Russia         | 55   | 60   | 60   | 66   | 66   |
| Serbia         | 2    | 2    | 2    | 2    | 2    |
| Slovakia       |      |      | 5    | 5    | 5    |
| Slovenia       | 1    | 1    | 2    | 2    | 3    |
| Spain          | 86   | 93   | 97   | 105  | 103  |
| Swaziland      | 1    | 1    | 1    | 1    | 1    |
| Sweden         | 16   | 17   | 17   | 18   | 15   |
| Switzerland    | 15   | 15   | 15   | 15   | 15   |
| Taiwan         |      |      |      | 2    | 2    |
| Thailand       |      |      |      |      | 1    |
| Turkey         | 1    | 1    | 1    | 1    | 1    |
| Ukraine        | 9    | 10   | 10   | 11   | 11   |
| USA            | 6    | 5    | 4    | 5    | 5    |
| Venezuela      |      |      |      | 1    |      |
| total:         | 577  | 611  | 619  | 674  | 667  |

Balance ESSC 1992 - 1996

| Year<br>date                                  | 1992<br>31.12.92 | 1993<br>01.04.94 | 1994<br>21.09.94 | 1995<br>01.01.96 | 1996<br>23.08.96 |
|---|------------------|------------------|------------------|------------------|------------------|
| <b>Membership contributions</b>               | 17.673,22        | 4.364,50         | 10.833,93        | 8.146,10         | 14.714,93        |
| <b>Interest (bank account)</b>                | 52,37            |                  | 20,48            | 8,27             |                  |
| <b>Sold books</b>                             | 162,10           | 78,75            | 82,00            | 26,00            | 20,00            |
| <b>Conferences</b>                            | 4.607,00         |                  |                  | 800,00           | 1.000,00         |
| <b>Sponsorship</b>                            | 265,56           |                  |                  |                  |                  |
| <b>Other income</b>                           |                  | 300,00           |                  |                  |                  |
| <b>INCOME</b>                                 | 22.760,25        | 4.743,25         | 10.936,41        | 8.980,37         | 15.734,93        |
|   |                  |                  |                  |                  |                  |
| <b>Printing expenses</b>                      | 5.295,44         | 5.353,09         | 5.941,00         | 9.381,09         | 1.587,58         |
| <b>Mailing expenses</b>                       | 5.931,29         | 786,45           | 1.179,00         | 2.981,50         | 1.436,50         |
| <b>Bank account expenses</b>                  | 757,41           |                  |                  | 365,25           | 384,31           |
| <b>Money transfer expenses (credit cards)</b> |                  | 276,06           | 774,28           | 202,11           | 178,30           |
| <b>Conferences</b>                            | 562,85           |                  | 1.000,00         | 800,00           |                  |
| <b>Various expenses</b>                       | 544,41           | 925,30           | 1.443,65         | 64,26            |                  |
| <b>EXPENSES</b>                               | 13.091,40        | 7.340,90         | 10.337,93        | 13.794,21        | 3.586,69         |
|   |                  |                  |                  |                  |                  |
| <b>BALANCE</b>                                | 9.668,85         | -2.597,65        | 598,48           | -4.813,84        | 12.148,24        |

note: currency is Deutschmark (DM).

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### New Books

- 1.) PLA SENTIS, I. • LOPEZ FALCON, R. • LOBO LUJAN, D. (editores 1996):  
Soil Erosion Processes on Steep Lands - Evaluation and Modelling  
Proceedings of the International Workshop on Soil Processes on Steep Lands Evaluation and  
Modelling, Mérida, Venezuela May 16-20, 1993 ; 437 pages, ISBN 980-00-0938-8
- 2.) SCHULTE-KARRING, H. (1996):  
Die Unterbodenmelioration - Teil III "Technik und Einsatz"  
140 pages, 180 figures, 28,50 DM  
available at: Dr. H. Schulte-Karring, Am Johannisberg 13, 53474 Bad Neuenahr
- 3.) STEINER; K.G. (1996):  
Causes of Soil Degradation and Development Approaches to Sustainable Soil Management  
ISBN 3-8236-1259-X
- 4.) SCHJØNNING, P. • SIBBESEN, E. • HANSEN, A.C. • HASHOLT, B. • HEIDMANN, T. \*  
MADSEN, M.B. • NIELSEN, J.D. (1995)  
SP report No. 14, Volume 3: Surface runoff, erosion and loss of phosphorus at two agricultural soils  
in Denmark - plot studies 1989-92  
published by Danish Institute of Plant and Soil Science, Tjele: ISSN 0908-2581
- 5.) CONSIGLIO NAZIONALE DELLE RICERCHE, P.F. RAISA, Roma  
Workshop on Soil Erosion in Semi-arid Mediterranean Areas 1993 - Proceedings
- 6.) NILL, D. • SCHWERTMANN, U. • SABEL-KOSCHELLA, U. • BERNARD, M. • BREUER, J.  
Soil Erosion by Water in Africa (1996)  
ISBN 3-88085-514-5
- 7.) TIDEMAN, E.M. (1996)  
Watershed Management - Guidelines for Indian Conditions  
ISBN 81-85399-34-4
- 8.) WICHEREK, St. (1993)  
Farm Land Erosion in Temperate Plains Environment and Hills  
ISBN 0-444-81466-3

## Announcements of Meetings

• **Workshop: Process Modelling and Landform Evolution**

17-18 February 1997, Bonn, Germany

Contact: Stefan Hergarten, Geodynamics, University of Bonn, Nussallee 8, 53115 Bonn, Germany

☎ +49-228-732466 ; ☎ +49-228-732508 ; email: [hergarten@geo.uni-bonn.de](mailto:hergarten@geo.uni-bonn.de)

• **International Symposium on Soil, Human and Environment Interactions**

4-11 May 1997, Nanjing, PR China

Contact: Prof Z. H. Cao, email: [zhaoqg@njnet.ihep.ac.cn](mailto:zhaoqg@njnet.ihep.ac.cn), ☎ 0086-25-3353590

• **International Symposium and Workshop: "Combating Desertification: Connecting Science with Community Action"**

12-16 May 1997, Tucson, Arizona, USA ; supported by ESSC

Contact: Mr. B. McClure, United States Department of the Interior, Bureau of Land Management, Arizona State Office, 3707 N. 7<sup>th</sup> Street, P.O. Box 16563, Phoenix, Arizona 85011-6563, U.S.A.

☎ 602-650-0513 ; ☎ 602-650-0452 ; e-mail: [bmcclure@attmail.com](mailto:bmcclure@attmail.com)

• **Wind Erosion: An International Symposium / Workshop**

3-5 June 1997, Manhattan, KS, USA

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☎ USA 913-532-6495 ; ☎ USA 913-532-6528 ; email: [sym@weru.ksu.edu](mailto:sym@weru.ksu.edu)

• **Tillage Translocation & Tillage Erosion - International Symposium**

23-25 July 1997, Toronto

Contact: David Lobb, Eastern Canada Soil and Water Conservation Centre, University of Moncton, RR4 Grand Falls, New Brunswick, EOJ IMO Canada

☎ +1 506-473-6570 ; ☎ 506-473-6579 ; email: [dlobb@cuslm.ca](mailto:dlobb@cuslm.ca)

• **GERTEC - Workshop on Badland Processes and Significance in Changing Environments**

23-27 August 1997, Florence, Italy

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c/o CNR Soil Genesis, Classification and Cartography Res. Centre, p.le delle Cascine 15, I-50144 Firenze, Italy

☎ +39 55 360517 ; ☎ +39 55 321148 ; e-mail: [csgccs@csgccs.fi.cnr.it](mailto:csgccs@csgccs.fi.cnr.it)

• **Environmental Pollution and its Impact on Life in the Mediterranean Region**

4-9 October 1997, S. Agnello di Sorrento, Italy

Contact: Prof. Alessandro Piccolo, MESAEP 1997, Dipartimento di Scienze Chimico-Agrarie, Università di Napoli "Federico II", Via Università 100, 80055 Portici, Italy

☎ 0039-81-7755672 ; ☎ 0039-81-7755130 ; E-mail: [alpiccol@ds.unina.it](mailto:alpiccol@ds.unina.it)

• **16<sup>e</sup> Congrès Mondial de Science du Sol**

20-26 August 1998, Montpellier, France

Contact: 16ème Congrès Mondial de Science du Sol, Agropolis, Avenue Agropolis, 34394 Montpellier Cedex 5, France

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*A NEW ESSC SPECIAL PUBLICATION*



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18 Selected papers of the Conference "Problems and Management of Soil Salinization and Alkalization in Europe", Budapest and Karcag, Hungary, April 1994

Thessaloniki 1996

182 pages

**DM 59,-**

Please send your order to: ESSC President's Office, Dr. G. Richter,  
University of Trier, D-54286 Trier / Germany.

Bernsdorf, B. · Richter, G · Schmidt, R.G.

*Die Kartierung der Schneeschmelz-Erosion*

- Probleme und Möglichkeiten der Felderhebung -

Heft 14 der Forschungsstelle Bodenerosion - Universität Trier 1995

80 pages, 4 maps

**DM 24,-**

Please send your order to: Univ.-Prof. Dr. G. Richter, University of Trier, Fb VI  
Physische Geographie, D-54286 Trier / Germany.

## **AIMS OF THE SOCIETY**

*The ESSC is an interdisciplinary, non-political association, which is dedicated to investigating and realizing soil conservation in Europe.*

*The ESSC pursues its aims in the scientific, educational and applied sectors*

- *by supporting investigations 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.*

*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.*

## **ZWECK DER VEREINIGUNG**

Die ESSC ist eine interdisziplinäre, nicht politische Vereinigung. Ihr Ziel ist die Erforschung und Durchführung des Schutzes der Böden in Europa.

Die ESSC verfolgt dieses Ziel auf wissenschaftlichem, erzieherischem und angewandtem Gebiet

- durch Unterstützung der Forschung auf den Gebieten der Boden-Degradierung, der Bodenerosion und des Bodenschutzes in Europa,
- durch Information der Öffentlichkeit über wichtige Fragen des Bodenschutzes in Europa,
- durch Zusammenarbeit mit Institutionen und Personen, die an der Praxis des Bodenschutzes in Europa beteiligt sind.

Die ESSC will alle Personen und Institutionen zusammenführen, die sich für die genannten Ziele einsetzen: Forschungsinstitutionen, Lehrer und Studenten der Geowissenschaften, der Landwirtschaftswissenschaften und der Ökologie, Bauern, landwirtschaftliche Planungs- und Beratungsstellen, Industrieunternehmen und Einrichtungen der öffentlichen Hand.

## **BUTS DE L'ASSOCIATION**

*L'ESSC est une association interdisciplinaire et non politique. Le but de l'association est la recherche et les réalisations concernant la conservation du sol en Europe.*

*L'ESSC poursuit cette finalité dans les domaines de la recherche scientifique, de l'éducation et de l'application:*

- *en encourageant la recherche sur la dégradation, l'érosion et la conservation du sol en Europe;*
- *en informant le public des problèmes majeurs de la conservation du sol en Europe;*
- *par la collaboration avec des institutions et des personnes impliquées dans la pratique de la conservation du sol en Europe.*

*L'ESSC souhaite favoriser la collaboration de toutes les personnes et institutions poursuivant les buts définis ci-dessus, en particulier: institutions de recherche, professeurs et étudiants en géosciences, des agriculteurs, des institutions de planification et des conseil agricole, de l'industrie, et des institutions gouvernementales.*

## **OBJETIVOS DE LA SOCIEDAD**

La ESSC es una asociación interdisciplinar, no-política, dedicada a la investigación y a la realización de acciones orientadas a la conservación del suelo en Europa.

La ESSC persigue sus objetivos en los sectores científicos, educacionales y aplicados, en el ámbito europeo:

- promocionando la investigación sobre degradación, erosión y conservación de suelos;
- informando al público sobre los principales aspectos de conservación de suelos;
- colaborando con instituciones y personas implicadas en la práctica de la conservación de suelos.

La ESSC aspira a coordinar los esfuerzos, en los temas arriba mencionados, de todas las partes implicadas: centros de investigación, profesores y estudiantes de geo-ciencias, agricultura, selvicultura y ecología, agricultores, servicios de extensión agraria, industrias e instituciones gubernamentales.

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 ..... ( ..... DM)

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