



NEWSLETTER

MARCH 1983

20

from the Department for Scientific and Technical Communication

**CALL FOR RESEARCH PROPOSALS
ENVIRONMENTAL RESEARCH
AND DEVELOPMENT PROGRAMME**

The Commission of the European Communities is carrying out an Environmental Research and Development Programme for a five year period starting in 1981 and ending on 31 December 1985. This programme is executed in two phases.

The present invitation to submit proposals is concerned with the second phase: 1984-1985. Approximately 8 million ECU will be available for funding shared-cost research contracts during this period.

Priority will be given to proposals within any of the following topics:

1. Effects of pollutants

(The term "pollutant" refers to the general environment only, and excludes drugs, food additives, etc.; proposals only or predominantly concerned with analysis and/or monitoring of pollutants are excluded from funding).

2. Reduction and Prevention of Pollution**3. Protection, conservation and management of the natural environment**

The contribution of the Commission may not exceed 50% of the total cost.

Proposals have to be sent prior to 15 May 1983.

Before submitting proposals, applicants are requested to write to the Commission services at the address below in order to receive:

(a) forms for the preparation of proposals,

(b) a detailed description of the topics and sub-topics covered by the three research areas.

In considering the proposals, the Commission — as a general rule — will favour those which

- (i) have direct relevance to the Community policy on the environment,
- (ii) are likely to provide results applicable beyond the local and regional level,
- (iii) offer prospects for the involvement of other institutes or research teams in the various Member States.

Commission of the European Communities
Directorate General XII —
"Science, Research and Development"
Environment Research Programme
200, rue de la Loi
B - 1049 BRUSSELS

Telex: 21877 COMEU B.

**EUROPEAN COMMUNITY ATLAS
OF GROUNDWATER RESOURCES**

The Commission of the European Communities presents the balance of groundwater resources in the Community.

For the first time, a picture as comprehensive as possible at Community scale is given of the aquifers and their availabilities. The study deals with four main themes. Each is illustrated by 38 (1:500 000) maps together covering the entire Community (i. e. a total of 152 maps, about 50 x 80 cm on average) and is explained in detail in 10 reports, one for each Member State and a general survey.

Greece joined the European Community on 1 January 1981, when the studies for the nine other Member States had already been made.

It is for this reason that Greece is not included in this report. Work on Greek underground waters started in 1982 and the information for this Member State will be integrated subsequently into the complete report.

The themes are:

- Inventory of aquifers: location; geometric, lithological and stratigraphical characteristics; type (unconfined or confined); permeability (interstitial of fissures and karst);
- Hydrogeology of aquifers: transmissivities, direction of flow, water exchange between rivers and groundwater, and specific problems such as the intrusion of seawater;
- Groundwater abstraction: abstraction densities, large pumping stations;
- Potential additional groundwater resources: factors such as replenishment, use and water management imperatives are all taken into account in a geographical classification of the areas in which there is a possible surplus, areas in which there is a balance, areas in which resources are now known to be overused under present abstraction policies and finally areas lacking adequate groundwater resources.

For several Member States this inventory is the first complete cataloging on their own national water resources. The study collates as far as possible all data which would otherwise be dispersed and, in many cases, processes them for the first time.

This inventory is not only an essential instrument of Community groundwater management. It will also be extremely useful for the knowledge and management of groundwater resources, thanks to the original evaluation method, which combines both a hydrogeological and administrative regionalization on a network adapted to national administrative units. This makes it very easy to use for management and modelling taking into account administrative and political features.

Special symbology has been devised to ensure uniform mapping of the results throughout the Community. This makes the information more accessible to the layman without sacrificing any of the technical quality of the information.

CONFERENCES AND SYMPOSIA

1. Safety and health in the oil and gas extractive industries
19-20 April 1983, LUXEMBOURG
Mr P. WALKER
DG V
Commission of the European Communities
PO Box 1907
L - 2920 LUXEMBOURG
Tel. 43012744
2. 3rd International seminar on: Hydrogen as an energy carrier
25-27 March 1983, LYON (France)
Mr J. C. TOUSSAINT
DG XII/E4
3. Workshop on Production and Feeding of Single Cells Proteins
13-15 April 1983, ZUERICH
Mme M. P. FERRANTI
DG XII-A6
Commission of the European Communities
8, Square de Meeûs
B - 1049 BRUXELLES
Tel. 235.84.46
4. 3rd International symposium on processing and use of sewage sludge
27-29 September 1983, BRIGHTON (UK)
Mr L'HERMITE
DG XII/G1
Commission of the European Communities
8, Square de Meeûs
B - 1049 BRUXELLES
Tel. 235.51.63
5. Conférence sur la Télé-informatique (Actions COST 11 bis)
3-6 October 1983, VARESE (Italie)
Mr KALIN
DG III
Joint Research Centre ISPRA
IT - VARESE
6. 5th Photovoltaic solar energy conference
17-22 October 1983, ATHENS (Greece)
Mr D. NICOLAY
DG XIII
Commission of the European Communities
Jean Monnet Building
PO Box. 1907
L - 2920 LUXEMBOURG
Tel. 43012946
7. Symposium Health Service Market in Europe
17-19 October 1983, LUXEMBOURG
Mr R. RAPPARINI
DG XIII/A2
Commission of the European Communities
Jean Monnet Building
PO Box 1907
L - 2920 LUXEMBOURG
Tel. 43012780
8. Journée d'information charbon
CREUSEMENT DES GALERIES
10-11 November 1983, LUXEMBOURG
Mr P. P. ROTONDO
DG XIII
Commission of the European Communities
Jean Monnet Building
PO BOX 1907
L - 2920 LUXEMBOURG
Tel. 43013166
9. 4th European Symposium on the financing of innovation
Developing Capital Markets for the Regeneration of Industry
23-25 November 1983, LUXEMBOURG
Mr J. M. GIBB
DG XIII/A2
Commission of the European Communities
Jean Monnet Building
PO Box 1907
L - 2920 LUXEMBOURG
Tel. 43012918

The Atlas consists of 10 reports and 152 maps at the scale 1:500 000 (4 x 38 — see scheme below), containing the inventory of aquifers, their hydrogeological features, the abstraction of groundwater, and estimate of potential additional groundwater resources under present conditions. Maps and reports are complementary. Maps are under publication and reports are already available in the national languages at the following prices (reports without maps):

CONTENTS:

TEXT

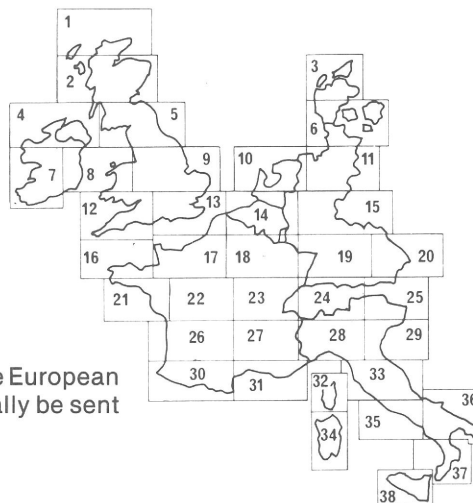
Prices

Reference number:	1. All 10 reports (general survey in English, nine national reports) _____	196,— DM
	2. General survey volume * and survey volume for Belgium _____	55,— DM
	3. General survey volume * and survey volume for the Federal Republic of Germany _____	43,— DM
	4. General survey volume * and survey volume for Denmark _____	32,— DM
	5. General survey volume * and survey volume for France _____	83,— DM
	6. General survey volume * and survey volume for Ireland _____	43,— DM
	7. General survey volume * and survey volume for Italy _____	83,— DM
	8. General survey volume * and survey volume for Luxembourg _____	32,— DM
	9. General survey volume * and survey volume for the Netherlands _____	32,— DM
	10. General survey volume * and survey volume for the United Kingdom _____	55,— DM

* Only one general survey volume is supplied with the whole work.

MAPS

Reference number:	11. The whole work
	12. Belgium
	13. Federal Republic of Germany
	14. Denmark
	15. France
	16. Ireland
	17. Italy
	18. Luxembourg
	19. Netherlands
	20. United Kingdom



Maps will be made available separately or country by country or as a whole European Community Atlas. Information on prices and order forms will automatically be sent in mid 1983 to all who order reports now.

Order form

Please cut this order form and send it to Th. Schäfer Druckerei GmbH, Tivolistrasse 4, D-3000 Hannover 1. We order the following reports concerning the Groundwater Resources of the European Community.

Reference number(s): _____

Total price: _____

Sender:

Name

Address

Representing

Date

Signature

10. 3rd International Seminar on the Results of
EC Geothermal Energy Research:
European Geothermal Update
29 November - 1 December 1983, MUNCHEN
Mr G. GERINI
DG XVII/E2
Commission of the European Communities
10, rue Guimard
B - 1049 BRUXELLES
Tel. 235.12.16/235.35.48

11. Seminar Anaerobic Digestion and Carbohydrate
Hydrolysis of Waste
8-11 May 1984, LUXEMBOURG
Mr P. L'HERMITE
DG XII/G1
Commission of the European Communities
8, Square de Meeûs
B - 1049 BRUXELLES
Tel. 235.51.63

Falls Sie nähere Informationen über die Tätigkeit der Kommission auf wissenschaftlichem und technischem Gebiet sowie die neuesten auf diesen Gebieten erschienenen Berichte, Artikel, Konferenzberichte, Handbücher, Adressbücher, Atlanten, Glossare usw. wünschen, lesen Sie bitte:

- Euroabstracts Sektion I (betr. Tätigkeiten, die unter die EWG- und EURATOM-Verträge fallen),
- Euroabstracts Sektion II (betr. Tätigkeiten im Bereich des EGKS-Vertrages).

Ein Freixemplar kann bei folgender Anschrift schriftlich bestellt werden:
KEG - GD XIII/A2, Jean Monnet-Gebäude B4/84, Postfach 1907, Luxemburg.

Bibliografische Informationen aus Euroabstracts sind auch on-line über Euronet-Diane in der EABS-Datenbasis erhältlich. Nähere Auskünfte können schriftlich bei ECHO, 15, Avenue de la Faiencerie, L — 1510 Luxemburg, Tel. 20764, Telex: 3511.

Über die neuesten Entwicklungen auf diesen Gebieten halten Sie die Videotex-Anzeigen der Kommission auf dem laufenden:

- im Vereinigten Königreich (Prestel * 24845 #)
- in den Niederlanden (Viditel * 5213 #)
- in der BR Deutschland (Bildschirmtext * 24845 #)
- in Frankreich (Télétext: PL * CEE - envoi)
- in Dänemark (Teledata * 42018 #)

Hier finden Sie auch die neuesten Informationen über

- die letzten Entscheidungen des Ministerrats auf dem Gebiet der Forschung;
- die letzten Submissionen für Vertragsforschung;
- geplante Konferenzen, Symposia, usw.
- die neuesten Veröffentlichungen
- einen besonderen Artikel „Die Erfindung des Monats“ usw.

If you require detailed information about the Commission's activities in the scientific and technical field and in particular about recently published reports, articles, conference proceedings, manuals, directories, atlases, glossaries, etc. associated with them, consult:

- Euroabstracts Section I (activities covered by EEC and Euratom Treaties) and/or
- Euroabstracts Section II (coal and steel)

For a free copy write to CEC - DG XIII/A2, JMO B4/084, BP 1907 Luxembourg. Bibliographic information from Euroabstracts is also available on-line via Euronet-Diane in the EABS data base. Write to ECHO, 15, Avenue de la Faiencerie, L — 1510 Luxembourg, Tel. 20764, Telex: 3511.

If you wish to keep up to date with the highlights of these activities, consult the Commission's Videotex journals:

- in the UK (Prestel * 24845 #)
- in the Netherlands (Viditel * 5213 #)
- in the Federal Republic of Germany (Bildschirmtext * 24845 #)
- in France (Télétext: PL * CEE - envoi)
- in Denmark (Teledata * 42018 #)

Where you will find news items on:

- latest Council of Ministers decisions on research,
- latest calls for tenders for research under contract,
- forthcoming conferences, symposia, etc.
- recent publications,
- a special feature: „The invention of the month“, etc.

Si vous désirez obtenir des informations détaillées au sujet des activités de la Commission dans les domaines scientifique et technique, en particulier en ce qui concerne les rapports, articles, actes de conférences, manuels, annuaires, atlas, glossaires, etc. qui s'y rapportent, veuillez consulter:

- EUROABSTRACTS, Section I (activités relevant des Traités CEE et EURATOM);
- EUROABSTRACTS, Section II (charbon et acier).

En vue de recevoir un spécimen d'EUROABSTRACTS à titre gratuit, veuillez vous adresser à: C.C.E. DG XIII/A2, JMO B4/084, B.P. 1907, Luxembourg.

Des renseignements bibliographiques contenus dans EUROABSTRACTS peuvent être également obtenus en ligne via EURONET-DIANE dans la base de données EABS. Pour toute information complémentaire, veuillez vous adresser à: ECHO, 15, Avenue de la Faiencerie, L — 1510 Luxembourg, Tel. 20764, Telex: 3511.

Si vous voulez avoir des renseignements à jour sur les derniers développements dans ces domaines, les journaux VIDEOTEX suivants de la Commission peuvent être consultés:

- au Royaume-Uni (Prestel * 24845 #)
- aux Pays-Bas (Viditel * 5213 #)
- en République fédérale d'Allemagne (Bildschirmtext * 24845 #)
- en France (Télétext: PL * CEE - envoi)
- au Danemark (Teledata * 42018 #)

Ces journaux vous renseigneront également sur:

- les dernières décisions du Conseil des Ministres dans le domaine de la recherche;
- les derniers appels d'offres pour des contrats de recherche;
- les conférences, symposia, etc. envisagés;
- les publications les plus récentes;
- un volet spécial consacré à l'innovation;
- etc.

Chi fosse interessato ad ottenere informazioni dettagliate sulle attività della Commissione nel campo scientifico e tecnico ed i relativi rapporti, articoli, atti di conferenze, manuali, annuari, atlanti, glossari, ecc., è pregato di consultare:

- Euroabstracts (Sezione I): attività previste nel quadro dei trattati CEE ed Euratom e/o
- Euroabstracts (Sezione II): carbone e acciaio.

Per ottenere una copia gratuita delle due precedenti pubblicazioni scrivere a CCE - DG XIII/A2, Casella postale 1907, Lussemburgo.

Le informazioni contenute negli Euroabstracts sono altresì accessibili in linea via Euronet-Diane nella base di dati EABS.

Scrivere al ECHO, 15, Avenue de la Faiencerie, L — 1510 Luxembourg, Tel. 20764, Telex: 3511.

Per tenersi al corrente degli ultimi sviluppi su queste attività, è possibile consultare i giornali Videotex della Commissione:

- in Gran Bretagna (Prestel * 24845 #)
- nei Paesi Bassi (Viditel * 5213 #)
- nella Repubblica federale di Germania (Bildschirmtext * 24845 #)
- in Francia (Télétext: PL * CEE - envoi)
- in Danimarca (Teledata * 42018 #)

Le notizie ivi contenute riguardano:

- le più recenti decisioni del Consiglio dei Ministri riguardanti la ricerca,
- le più recenti gare di appalto per ricerche su contratto,
- l'annuncio di conferenze,
- la recensione di pubblicazioni contenenti risultati della ricerca comunitaria,
- informazioni su brevetti ed invenzioni,
- altre notizie varie sulle Comunità Europee.

— NOTE: Please include the address label with all your correspondence.

Reproduction authorized, but neither the Commission of the European Communities nor any person acting on behalf of it is responsible for the use which might be made of this information.

For more information about the contents of this Newsletter, write to:

Commission of the European Communities
DG XIII/A2
P.O. Box 1907
LUXEMBOURG
or call Luxembourg 4301-2918
Print run of the present issue: 35 000