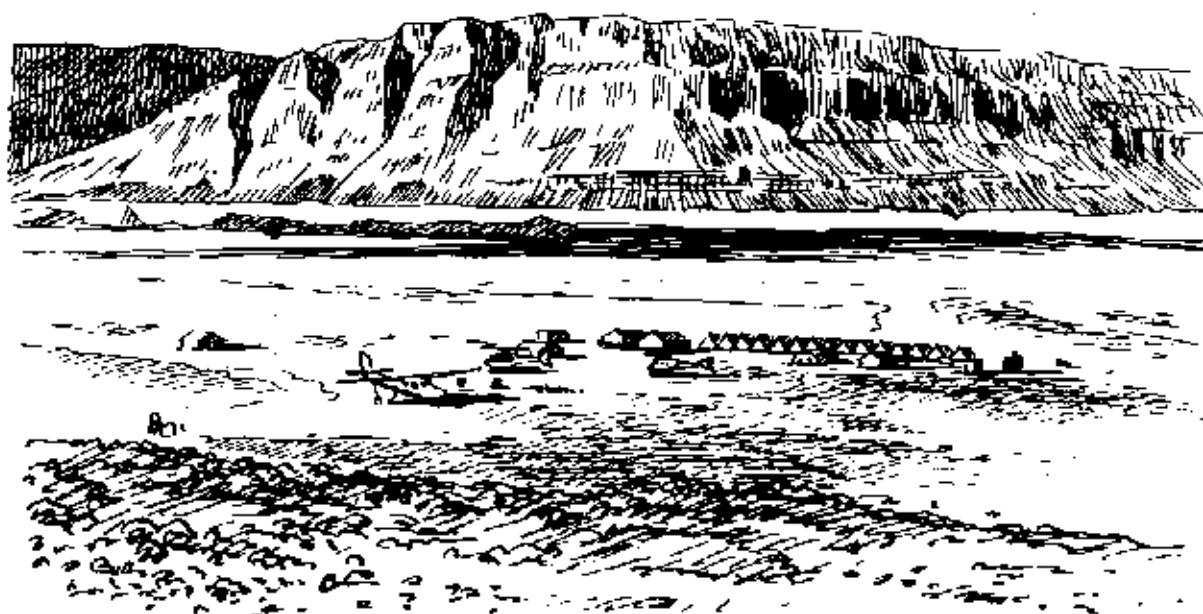


IAS NEWSLETTER

Nº 109 June 1990



GGU Base Camp
in
North Greenland
1984

IAS NEWS

TO ALL IAS MEMBERS

Included in this Newsletter is a draft of revised Statutes and Bye-Laws of the IAS. They have been almost completely rewritten. However they incorporate no significant changes of principle or practice from the way IAS operates today. The Bureau and Council have decided to do this because the previous Statutes and Bye-Laws had become increasingly confusing, ambiguous and contrary to the operational practices that we have evolved since the foundation of the IAS in 1952.

Over the past 38 years the IAS has changed and developed. Initially it consisted of a small group of sedimentologists meeting at a Congress once every four years and run by a General Secretary and a Treasurer working in the same institution. Major changes were proposed by the Council during the Congress and decided upon by members meeting at the General Assembly. Since that time a 2 monthly journal and Newsletter have been published, as well as Special Publications; meetings, regional and thematic, now occur more than once a year. During this time the officers of the Association have been appointed. There are now a group of honorary executive officers who meet regularly as a Bureau, at least twice a year, to run the Association. They serve for fairly long terms, in this way becoming experienced in the affairs of the Association. This obviates the need for a paid permanent executive office thus reducing administrative costs to a minimum.

From time to time modifications to the Statutes and Bye-Laws have been made, in particular as the decision making has moved from the individual officers to the Bureau acting together. Voting at the General Assembly, which could not only delay decisions but could lead to decisions being made by a small quorum not representative of the Association as a whole, has been replaced by postal voting.

The proposed revised Statutes and Bye-Laws are a rationalization of the previous ones. They will be discussed at the General Assembly to be held at the Congress in Nottingham and will be voted upon a postal ballot subsequently. Meanwhile I invite comments from members.

Finn Surlyk
General Secretary

INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS STATUTES

The following are our amended Statutes as adopted at the meeting of the International Geological Congress in Algiers on 11 September 1952, and revised at the meeting of the I.A.S. General Assembly held in Amsterdam on 30 May 1963, in Reading on 11 August 1967, in Heidelberg on 2 September 1971, in Nice on 8 July 1975, in Jerusalem on 10 July 1978, in Hamilton on 26 August 1982 and in Canberra on 27 August 1986.

1. The Association is called: **INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS**. The Association was founded at the meeting of the International Geological Congress in Algiers 11 September 1952.
2. The objective of the Association is:

To promote the study of sedimentology by
 - (1) publication, discussion and comparison of research results,
 - (2) encouraging the interchange of research, particularly where international cooperation is desirable,
 - (3) promoting integrating with other disciplines.
3. The Association distinguishes members, student members and honorary members.
4. The organs of the Association shall be the Bureau and the Council. The Bureau shall conduct the business of the Association. The Council shall approve all important matters of policy.
5. The Articles of the Statutes may be changed by postal ballot of the Members. Proposals for a change may be made by the Bureau or by a group of at least 50 signed Members. Approval requires a majority of at least two thirds of Members who vote.
6. Within the framework of the Statutes, the Council shall have the power to adopt Bye-Laws.

BYE-LAWS OF THE INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS

Adopted by the General Assembly on 30 May 1963 and revised by the General Assembly on 11 August 1967, 8 July 1975, 10 July 1978, 26 August 1982 and 27 August 1986.

I. Administration

1. The Bureau of the Association shall meet at least once a year. It shall consist of the President, the Past President, the Vice-President, The General Secretary, Treasurer, the Editors and the Publications Secretary. The President shall be the executive officer of the Association. The General Secretary shall administer the affairs of the Association in accordance with the decisions of the Bureau and the Council. He shall manage the routine business, conduct correspondence, and preserve the records in accordance with the Statutes and Bye-Laws of the Association. The Treasurer shall keep the accounts, have charge of the funds of the Association and expend them in accordance with the decisions of the Bureau and/or the Council.
2. The Council of the Association shall consist of the Bureau and six other Members. No two other Members may come from the same country. The President and the General Secretary shall be respectively the Chairman and the Secretary of the Council.
3. The Members of the Association shall elect by prastal ballot the members of the Bureau and Council. The Bureau will prepare a list of nominations for membership of the Bureau and Council which shall be published in the Newsletter of the Association by March of the year before the International Sedimentological Congress. Members of the Association may propose alternative lists of nominations to the General Secretary by September 30th of the year before the International Sedimentologica Congress, provided any such list is supported by at least 50 signatures of Members and has the written agreement of the nominees.
4. The Bureau and Council Members shall hold office for one period, which comprises the interval between two International Sedimentological Congresses. All Bureau and Council Members, except the President, may be reelected for a second period. If the office of the General Secretary, Treasurer, Editors, or Publications Secretary becomes vacant between two Congresses, an acting Secretary,

Treasurer, Editors, Publications Secretary shall be appointed by the President to serve until the next Congress. If the office of the President becomes vacant, an acting President shall be appointed by the Council.

II. FINANCES

1. The subscription dues of members and student members shall be established by the Bureau.
2. The accounts of the Association shall be audited annually by a firm of professional accountants, selected by the Bureau.
3. The accounting year shall be from 1 July to 30 June of the next year. The audited accounts will be published annually in the Newsletter. Following each International Sedimentological Congress, the four yearly combined accounts will be published in the Journal.

III. PUBLICATIONS

1. The journal SEDIMENTOLOGY shall be the scientific publication of the International Association of Sedimentologists. It is edited by the Editors, assisted by an Editorial Board appointed by the Editors in consultation with the Bureau. The content of the journal will be determined by the Editors within the policy laid down by the Bureau. Articles should be written in English.
2. Special Publications shall be published from time to time. They are the responsibility of the Publications Secretary. The Bureau has the final decision on publication.
3. A Newsletter shall inform Members about the activities of the Association, sedimentological activities in different countries and about future meetings. It is edited by the General Secretary.

IV. MEMBERSHIP

1. The membership is open to everybody. It is acquired by completing a membership form and paying the membership dues.
2. An annual dues statement shall be distributed to Members in October. Members will not receive the journal for any year before their dues have been received.

V. NATIONAL CORRESPONDENTS

1. Each country with more than five members or countries decided by the Bureau will have a National Correspondent, appointed by the President after recommendation by the Bureau in consultations with the country's sedimentological group, where existing. National Correspondents must be paid-up Members of the Association. They will inform the General Secretary of sedimentological activities and assist in obtaining Members within their particular country. The term of National Correspondents will terminate at each International Congress and normally they will be eligible for reappointment for one additional period of office only.

VI. CONGRESS AND MEETINGS

1. International Sedimentological Congresses shall normally be held every four years. Formal invitations to host a future Congress must reach the Bureau at least 6 months before the preceeding Congress. The Bureau shall determine the venue for each Congress.
2. Regional and Thematic Meetings may be held between International Congresses, the timing and location to be determined by the Bureau.
3. The Association does not itself organize or take financial responsibility for Congresses and Meetings. It acts as a sponsor, providing such funds as the Bureau shall decide.
4. A General Assembly of the Association shall be held during each International Sedimentological Congress. The Bureau shall prepare the agenda for the General Assembly. All suggestions for the agenda of the General Assembly must reach the General Secretary of the Association at least three months before the date of the meeting. However, a question which has not been placed on the agenda may be discussed if a proposal to that effect is approved by two-thirds of the votes of the Members present at the General Assembly.
5. Either the President or a Vice-President shall be elected from the country in which the next Congress is to be held.

VII. GENERAL

1. The official language of the Association shall be English.
2. The award to scientists of eminent distinction in sedimentology is the Sorby Medal. The award will be made by the Council on recommendation by the Bureau who may invite nominations from members. It will normally be presented at the International Sedimentological Congress.
3. Honorary Membership will be awarded to those members who have given outstanding service to the Association. Membership will be awarded by the Council on recommendation by the Bureau.

AUDITORS' REPORT

The following items are taken from the annual accounts 1988/1989 of the International Association of Sedimentologists (IAS), Utrecht, dated March 22, 1990 (ref. R9879-U/125825).

1. AUDITORS' REPORT.

We have audited the association's annual accounts for 1988/1989 as included. They cover the period from July 1, 1988 to June 30, 1989.

In our opinion these annual accounts give a true and fair view of the association's equity capital at June 30, 1989 and of the results for the period from July 1, 1988 to June 30, 1989.

Yours faithfully

Deloitte Dijkster van Dien

1. BALANCE SHEET AS AT JUNE 30 , 1989

	June 30, 1989		June 30, 1988	
	Dfl.	Dfl.	Dfl.	Dfl.
<u>Current assets</u>				
<u>Stocks</u> (books/publications)		29,175		67,000
<u>Receivables</u>				
debtors	-		194,135	
prepayments	20,690		30,136	
other receivables	<u>24,216</u>		<u>8,888</u>	
		44,906		233,159
<u>Liquid assets</u>		<u>744,347</u>		<u>428,005</u>
		<u>818,428</u>		<u>728,164</u>

	June 30, 1989		June 30, 1988	
	Dfl.		Dfl.	
<u>Equity capital</u>	684,241		664,954	
<u>Short-term debts</u>				
other debts	134,187		63,210	
	<u>818,428</u>		<u>728,164</u>	

1. SUMMARY PROFIT AND LOSS ACCOUNT

	July 1, 1988 to June 30, 1989	July 1, 1987 to June 30, 1988
	Dfl.	Dfl.
<u>Costs of books and magazines</u>		
received from (paid to) Blackwell	-9,389	62,459
printing expenses Blackwell (Sp.8)	-	75,825
costs of other books	39,356	,662
newsletter	7,879	12,328
editors	8,000	24,285
Basin Research	21,660	-
<u>Staff expenses</u>	63,523	23,830
<u>Other expenses</u>		
General Secretary	6,112	2,924
costs of postage	6,069	5,939
office expenses	8,007	12,347
auditors' cost 1)	17,140	6,201
congress expenses (seed money)	10,286	6,079
bureau expenses	37,713	15,215
bank expenses	7,576	17,024
grants	9,021	-
advisory costs	3,514	-
miscellaneous	,874	4,105
accountants' and advisory cost/special proceeds	-	21,800
net result (total)	19,287	391,965
	<u>256,628</u>	<u>682,988</u>

1) An amount of Dfl. 11,640 concerns previous years.

	July 1, 1988 to June 30, 1989	July 1, 1987 to June 30, 1988
	<u>Dfl.</u>	<u>Dfl.</u>
<u>Income</u>		
membership fees	116,999	138,524
sales of books	49,634	120,581
page charges	11,358	3,378
Basin Research	21,660	-
endowment fund	7,201	-
other	4,262	,482
<u>Result on exchanges</u>	-1,450	7,378
<u>Interest</u>	46,964	18,495
<u>Special proceeds</u>	-	394,150
	<u>256,628</u>	<u>682,988</u>

REPORT FROM DENMARK

The Danish Sedimentological Research Group held its 13th research conference on March 10th at the Geological Survey of Denmark in Copenhagen.

The meeting was successfully convened by Peter Johannessen and covered a wide spectrum of sedimentological research in Denmark. The conference of some 75 delegates included representatives from geological surveys, universities and research institutions.

A total of 23 papers and 7 posters were presented at the meeting. The general standard was high and discussions were vivid and enthusiastic.

From a personal point of view the following topics were of particular interest: Correlation within the Chalk sequence (E. Nygaard); 3-D characterization of fluvial rocks (T. Olsen and S. Nielsen); bedform migration in meanders (J. Kisling-Møller); environmental geochemistry using source-rock analytic methods (J. Bojsen-Koefoed); shallow seismic investigations of Holocene sediments (J. Jensen); thermal history using fission tracks (K. Hansen and P. Jensen); thermoluminescence dating of Quaternary sediments (C. Ditlefsen); eustasy control on sandstone body distribution (P. Johannessen).

The high ratio of students and young scientists proves the meeting also as a future forum for scientific discussion. The next conference will be held at the Geographical Institute, University of Copenhagen.

Henrik Olsen

THE NPO-PROGRAM IN DENMARK

Since the 1960's the winter time concentration of nitrogen in the shallow inner Danish waters has increased almost 100%. During the same period the consumption of fertilizer and emission of nitrogen from power stations and automobiles increased considerably. In consequence the Danish Parliament in 1985 decided the so-called NPO-program. The purpose of the research program is to outline the natural processes involving nitrate (N), phosphorus (P) and organic matter (O) and to quantify the loss of these substances to the water environment.

The Geological Survey of Denmark has been in charge of the main part of projects concerning the ability of the underground to remove nitrate and the sensibility of the aquifers to loss of nitrate. The projects involve mapping, field studies and process studies. The process studies are carried out in limited areas such as rivulets and their environs. Field observations and laboratory analyses are carried out to assess the transport of nitrate in the groundwater, and to outline the reduction processes in the sedimentary strata.

The results of these projects will be published this summer, but the main results were presented by the survey staff at a meeting in Copenhagen, March 26th. A short summary will be given here.

Peter Gravesen introduced the NPO-projects concentrating on the groundwater aspects. One of the main purposes has been to develop a methodology which can be used in municipalities and counties in the future.

The development of geological and mathematical models was also presented. Kaj Strand Petersen presented an example of geological mapping as a basis for geological modelling. The geochemical program was introduced by Henning Kristiansen, and an example of a geochemical groundwater project was presented by Vibeke Ernstsen. Finally a project concerning nitrate reduction by surface flow in meadow areas was presented by Walther Brusch. The conclusions on the projects were that the nitrate situation is better than initially apprehended. In western Denmark the content of redeposited Miocene lignite and pyrite in the Quaternary deposits is capable of slowing down the nitrate front to c. 5m/year. In eastern Denmark the clayey till deposits forming the topmost sediments effectively protect the groundwater, partly due to reduction in connection with clay minerals and partly due to the low permeability of the tills. The latter property, however, causes an increased surface flow and thus an increased nitrate content in rivers and coastal areas. Finally it was concluded that a major denitrification capacity was hidden in the meadow areas, i.e. if surface flow was allowed instead of using drainage tubes along rivers and rivulets a reduction capacity in the neighbourhood of 60.000 t/year is likely.

For further details on the NPO-program please contact Peter Gravesen, The Geological Survey of Denmark, Thoravej 8, DK-2400 Copenhagen NV, Denmark.

Henrik Olsen

REPORT FROM NIGERIA

THE STATUS OF SEDIMENTOLOGICAL RESEARCH IN NIGERIA

The practice of sedimentology in Nigeria has hardly taken off despite the galloping progress of this vital discipline elsewhere. A handful of very well trained and highly dedicated, university-based practitioners who struck the chord is now extinct within the country. Almost the same could be said of the trail they blazed. The very small number of Nigerians they trained, and an equally small number of trained abroad have been severely handicapped by the country's economic downturn and inability to buy books or subscribe to learned journals, complete lack of equipment, inability to travel even to local conferences, lack of funds for field trips, etc. The washover of all this is that proper sedimentological research is done only in the oil companies where the economic side is heavily weighted, while the confidential nature of the information makes it unavailable. Consequently, literally no sedimentology is done. The only organisation that should carry out systematic studies suffers from bureaucratic problems.

The situation adversely affects the quantity and quality of papers presented in conferences and/or published in journals. During the 26th annual conference of the Nigerian Mining and Geosciences Society held in March 1990 in Kaduna, some ten papers (15% of the total) were sedimentological. The papers are mainly based on masters degree projects. The interpretive models in many of these studies may by and large be correct but large edifices are often built on weak foundations. Exept for very few oil company-based studies, sophisticated instrumental methods were hardly applied. Needless to say, the papers do not belong to the cutting edge of sedimentological research.

The solution to the present low key activity is to exert a concerted effort in the direction of providing research infrastructure-literature, equipment, funds and above all, leadership. The friendship scheme of the IAS has most laudably addressed the problem of literature by coming to the aid of a few IAS members. These members are very grateful and pray that the scheme be extended over time and to more members. It is hoped that with time, and with the realisation of both the economic and academic import of sedimentology, more encouragement will be forthcoming from both the public and private sectors, at home and abroad.

Dr. C. S. Nwajide

Geological Survey

FUTURE MEETINGS

FIELD TRIP

"FLUVIAL PROCESSES AND DEPOSITS OF THE COLORADO RIVER"

May 24 - June 1, 1990

U.S.A.

Registration: \$ 1,300.00. Deadline 02/21/90.

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



CRETACEOUS -

PELAGIC AND FLYSCH FACIES CORRELATION

May 28 - June 2, 1990

POLAND (Krakow)

Contact: M.S.Gazinski, Jagiellonian University, Institute of Geological Sciences, Oleandry Str. 2A, 30-063, Krakow, Poland.

Tel: (12) 336377 ext 483. or S.Monechi and B.Treves, Dipartimento di Scienze della Terra, Universita' di Firenze, Via la Pira 4, 50 121, Firenze, Italy. Tel: (55) 275 75 18/7512; Fax: (55) 218628; Telex 572460 UNIFI I.



SHORT COURSE

"INTEGRATED STRATIGRAPHIC ANALYSIS"

June 2-3, 1990

U.S.A. (San Francisco, CA)

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



CORE WORKSHOP

"MIOCENE AND OLIGOCENE PETROLEUM RESERVOIRS OF THE SANTA MARIA AND SANTA BARBARA - VENTURA BASINS, CALIFORNIA"

June 3, 1990

U.S.A. (San Francisco, CA)

Registration: \$ 130.00 pre registration, 145.00 on site, 40 student, 5 on site student.

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



STUDENT SHORT COURSE
"COMPARATIVE SEDIMENTOLOGY OF COASTAL CLASTIC
DEPOSITS-BRIDGES TO ANCIENT SHORELINES"

June 3, 1990 U.S.A. (San Francisco, CA)
 Registration: \$ 25 pre registration, 40.00 on site.
 Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



"WHAT CAN YOU DO: IMPROVING EARTH SCIENCE EDUCATION"

June 5, 1990 U.S.A. (San Francisco, CA)
 Registration: Free
 Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



LE MIOCENE INFÉRIEUR ET MOYEN DU BASSIN RHODANIEN
STRATIGRAPHIE SÉQUENTIELLE - SEDIMENTOLOGIE

June 8-10, 1990 FRANCE (Lyon)
 Registration: 1.000 - 1.3000 F; students -20%.
 Contact: I. Cojan, Secrétariat de l'ASF, Ecole des Mines de Paris - CGGM,
 35 rue Saint-Honoré, F 77305 Fontainebleau Cédex. Tél: 64 22 48 21;
 Télex: 694 736; Fax: 64 22 39 03.



III INTERNATIONAL DRUMLIN SYMPOSIUM

JUNE 26 - JULY 2, 1990 FINLAND (Oulu)
 Contact: Risto Aario, Dept. of Geology, University of Oulu, 90570, Finland.



GEOLOGY AND MINERAL RESOURCES OF CONTINENTAL
MARGINS:
ANCIENT AND MODERN

July 1-6, 1990 SOUTH AFRICA (Cape Town)
 Contact: The Congress Secretary, GEOCONGRESS '90, P.O.Box 1739, Belville,
 7535 South Africa.



PHYLLOSILICATES AS INDICATORS OF
VERY LOW-GRADE METAMORPHISM AND DIAGENESIS

July 5-8, 1990 U.K. (Manchester)
 Contact: R.J. Merriman, BGS, Keyworth, Nottingham, NG12 5GG, U.K.



**1990 WATERSHED MANAGEMENT SYMPOSIUM
DURANGO, COLORADO, USA**

July 9-11, 1990

U.S.A. (Durango, CO)

Contact: Mr. Robert Riggins, USACERL, P.O.Box 4005, Champaign,
IL 61824-4005, U.S.A.



INTERNATIONAL SYMPOSIUM "LITTORAL 1990"

July 9-13, 1990

FRANCE (Marseille)

Contact: Association EUROCOAST, Symposium "LITTORAL '90", c/o B.R.G.M.,
Domaine de Luminy, F-13009 Marseille, France. Tel: (33) 91 41 24 46;
Fax: (33) 91 41 15 10; Telex 40 15 85 F.



SHORT COURSE

**"FLUID INCLUSIONS IN SEDIMENTARY ROCKS:
SYSTEMATICS OF FLUID INCLUSIONS IN AUTHIGENIC MINERALS
AND APPLICATIONS IN SEDIMENTARY BASIN ANALYSIS"**

July 31-2 August, 1990

U.K. (Manchester)

Contact: Dr. S.D. Burley, Dept. of Geology, University of Manchester,
Oxford Road, Manchester M13 9PL, U.K.



**3rd INTERNATIONAL SYMPOSIUM ON SOUTH ATLANTIC
EVOLUTION**

August, 1990

BRAZIL (Rio de Janeiro)

Contact: Dimas Dias-Brito (Symposium Coordinator)
PETROBRAS/CENPES/DIVEX/SEBIPE, Cidade Universitária, Q, 7 - 1. Fundao,
21910 Rio de Janeiro, RJ - Brazil.



RESEARCH CONFERENCE

"ANCIENT AEOLIAN AND ERG - MARGIN DEPOSITS"

August 9-13, 1990

U.S.A. (San Francisco, CA)

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



**RESEARCH CONFERENCE
"CRETACEOUS RESOURCES, EVENTS AND
RHYTHMS/GLOBAL SEDIMENTARY GEOLOGY PROGRAM"**

August 20-24, 1990

U.S.A. (Denver, CO)

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



**RESERVOIR SEDIMENTOLOGY AND
THE GEOLOGICAL MODELLING OF HYDROCARBON RESERVOIRS**

August 26-30, 1990

U.K. (Nottingham)

Contact: Dr. S.S. Flint, Dept. of Earth Sciences, The University of Liverpool,
P.O.Box 147, Liverpool L69 3BX, U.K.. Tel: (051)794 5192; Telex: 627095;
Fax: 051 708 6502.



**INTERNATIONAL SYMPOSIUM
"NONMARINE CRETACEOUS CORRELATION"**

August 23 - September 1, 1990

U.S.S.R. (Alma-Ata)

Contact: Prof. V.A. Krassilov, Institute of Biology and Pedology,
Vladivostok 690022, U.S.S.R.



13th INTERNATIONAL SEDIMENTOLOGICAL CONGRESS

August 26 - September 1, 1990

U.K. (Nottingham)

Contact: Prof. I.N. McCave, Dept. of Earth Sciences, University of Cambridge,
Downing Street, Cambridge CB2 3EQ, U.K.. Tel: 223 333 422.



CRETACEOUS FIELD CONFERENCE, ISRAEL

September 5-15, 1990

ISRAEL (Jerusalem)

Contact: Cretaceous Field Conference, P.O.Box 50006, Tel Aviv 61500,
Israel.

Tel: 972 3 654571; Tix: 341171 KENS IL; Fax: 972 3 655674.



GEOCHEMISTRY OF CLAY PORE FLUID INTERACTIONS

September 17-18, 1990

U.K. (London)

Contact: Dave Manning or Colin Hughes, Dept. of Geology, University of
Manchester, Oxford Road, Manchester M13 9PL, U.K.



COAL GROUP MEETING

September 24-25, 1990

U.K. (Manchester)

Contact: Fred Broadhurst, Dept. of Geology, University of Manchester,
Oxford Road, Manchester M13 9PL, U.K.



**POST-DEVONIAN BASIN DEVELOPMENT,
NORTH WESTERN SEABOARD OF THE BRITISH ISLES**

September 26-28, 1990

N.IRL. (Belfast)

Contact: John Parnell, Dept. of Geology, Queen's University, Belfast.

**CARBONATE MICROFABRICS SYMPOSIUM AND WORKSHOP**

October 1-3, 1990

U.S.A. (Texas)

Contact: Dr. Richard Rezak, Dept. of Oceanography, Texas A&M University,
College Station, TX 77843. Tel: (409) 845 2155; Fax: (409) 845 6331.

or Dr. Dawn Lavoie, NOARL, Stennis Space Center, MS 39529.

Tel: (601) 688 4659; Fax: (601) 688 4673.



**FIELD SEMINAR ON
CARBONATE ROCKS AND
THEIR DEPOSITIONAL ENVIRONMENTS**

October 1-8, 1990

EGYPT (Cairo)

Contact: AAPG Education dept. Tel: (918) 584 2555; Fax: (918) 584 0469;

Telex: 49 9432, Cable: AAPG TUL.

**CLAY MINERALS SOCIETY, 27th ANNUAL MEETING**

October 6-11, 1990

U.S.A. (Columbia, MO)

Contact: Prof. W.D. Johns, Dept. of Geology, University of Missouri,
Columbia, MO 65211, U.S.A.



**CLAY MINERALS IN SANDSTONE
(CLAY MINERAL SOCIETY SYMPOSIUM)**

October 8-9, 1990

U.S.A. (Missouri, CO)

Contact: David Houseknecht, Dept. of Geology, University of Missouri,
Columbia, MO 65211, U.S.A.



**SYMPOSIUM ON
"GEODYNAMIC EVOLUTION OF THE PANNONIAN BASIN"**

October 18-20, 1990

YUGOSLAVIA (Belgrade)

Registration: \$ 80.00

Contact: Serbian Academy of Sciences and Arts, "Symposium on Pannonian Basin", Knez-Mihailova 35, 11000 Belgrade, Yugoslavia.



"GEODYNAMICS OF THE ARABIAN PLATE"

October 20-25, 1990

KUWAIT (Safat)

Contact: Dr. Waris E.K. Warsi, Dept. of Geology, University of Kuwait, P.O.Box 5969, Safat 13060, Kuwait.



BRAZILIAN GEOLOGICAL CONGRESS

October 28 - November 1, 1990

BRAZIL (Natal, Rio Grande do Norte)

Contact: Secretaria Executiva do 36 Congresso Brasileiro de Geologia, CDM/RN, Av. Interventor Mário Camara 2550, Cid. da Esperança 59 070, Natal, Rio Grande do Norte, Brasil. Tel: (084) 231 3371; Telex: 842343.



**INTERNATIONAL WORKSHOP ON COHESIVE SEDIMENTS.
TOWARDS A BETTER DEFINITION OF "MUD"**

November 5-7, 1990

BELGIUM (Brussels)

Contact: Prof. S. Wartel, Earth Technology Institute, Free University of Brussels (VUB), Pleilaan 2, B-1050 Brussels, Belgium.



**SYMPOSIUM ON DIAPIRISM
WITH SPECIAL REFERENCE TO IRAN**

December 8-14, 1990

IRAN (Bandarabbas)

Contact: Prof. Dr. M. Ahmadzadeh Heravi, chairman of Symposium on Diapirism with special reference to Iran, P.O.Box 14155 1416, Tehran, Islamic Republic of Iran; Telx: 212718 MMAM; Tel: 0098 -021 -829520 -832027



BSRG ANNUAL MEETING

December 16-19, 1990

U.K. (Reading)

Contact: Andrew Parker, PRIS, P.O.Box 227, Whiteknights, Reading RG6 2AB, U.K.



THE FIRST CONGRESS OF THE SPANISH TERTIARY GROUP

March 18-20, 1991

SPAIN (Barcelona)

Contact: Ferran Colombo, Facultat de Geologia, Universitat de Barcelona,
Zona Universitaria de Pedralbes, 08071 Barcelona. Tel: 330 73 11



THE CHARACTERIZATION OF FLUVIAL AND AEOLIAN RESERVOIRS

March 25-26, 1991

U.K. (Aberdeen)

Contact: Dr. Colin North or Dr. Jeremy Prosser, Dept. of Geology and
Petroleum Geology, University of Aberdeen, Aberdeen.



CORE WORKSHOP

"MIXED CARBONATE - SILICICLASTIC SEQUENCES"

April 7, 1991

U.S.A. (Dallas, Texas)

Registration: \$130.00 pre registration, 145.00 on site, 40.00 student,
55.00 student on site.

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



STUDENT CORE WORKSHOP

"IDENTIFYING CARBONATE FACIES AND

INTERPRETING DEPOSITIONAL ENVIRONMENTS FROM CORES"

April 7, 1991

U.S.A. (Dallas, Texas)

Registration: \$ 35.00 pre registration, 50.00 on site.

Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



APPLIED MAGNETOSTRATIGRAPHY AND SEDIMENTARY PALEOMAGNETISM

April 9, 1991

U.S.A. (Dallas, Texas)

Contact: D.M. Aïssaoui, CNRS-UA 723, Dept. Géologie, Université Paris sud.
Bât. 504, 91405 Orsay, France. Tel: 1 69 41 61 22; Fax: 1 64 46 59 38.

or D.F. McNeill, RSMAS, University of Miami, 4600 Rickenbacker Cswy,
Miami, FL 33149, U.S.A. Tel: 305 67 21 840. or N.F. Hurley, Marathon Oil
Co., P.O.Box 269, Littleton, CO 80160, U.S.A. Tel: 303 79 42 601.



**SECOND INTERNATIONAL SYMPOSIUM ON
"THE ADRIATIC CARBONATE PLATFORM -
Relations with adjacent regions".**

May 12-18, 1991 YUGOSLAVIA (Zadar, South Croatia)
Registration: \$ 95 geologists, 45 students.
Contact: Dr. Ivo Velic, Institute of Geology, Sachova 2, p.p. 213, YU-41000,
Zagreb, Yugoslavia. Tel: 0038 41 518 300.



**FIRST INTERNATIONAL SYMPOSIUM ON
TERRESTRIAL ECOSYSTEMS:
Forests and Woodlands**

May 20-24, 1991 ITALY (Florence)
Contact: Sully Briskomatis or Anna Trebbi, ICARIA s.n.c., Via Zannoni 45,
40134 Bologna, Italy. Tel: 051- 41 66 90/41 07 73; Fax: 051- 42 15 26.



**INTERNATIONAL UNION FOR QUATERNARY RESEARCH
XIII INTERNATIONAL CONGRESS**

August 2-9, 1991 CHINA (Beijing)
Contact: Secretariate, XIII INQUA Congress, Chinese Academy of Sciences,
52, Sanlihe, Beijing 100864, China. Tel: 868361 720; Cable Beijin
SINCADEMY; Telex: 22474 ASCHI CN; Telfax: 8011095.



**SEDIMENTARY AND PALEOLIMNOLOGICAL RECORDS
OF SALINE LAKES**

August 13-16, 1991 CANADA (Saskatoon)
Contact: R.W. Renaut, Dept. of Geological Sciences, University of
Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0.
Tel: (306) 966 5705; Fax: (306) 966 8593.
or W.M. Last, Dept. of Geological Sciences, University of Manitoba,
Winnipeg, Manitoba, Canada R3T 2N2. Tel: (204) 474 8361;
Fax: (204) 261 7581.



**SEPM MIDYEAR MEETING, "CONTINENTAL MARGINS:
TECTONICS, EUSTACY AND CLIMATE CHANGE"**

August 15-18, 1991 U.S.A. (Portland, OR)
Contact: Susan Green, SEPM, P.O.Box 4756, Tulsa, OK 74159-0756. U.S.A.



1ST INTERNATIONAL MEETING OF YOUNG GEOLOGISTS

August 22-28, 1991

Hungary (Budapest)

Contact: Anna Balog, Technical University of Budapest, Dept. of Geology,
1521 Budapest, Hungary. Tel: (36-1) 1667 370; Telex:22 59 31;
Fax: (36-1) 1666 808.



SECOND INTERNATIONAL CONGRESS ON PALEOECOLOGY

September 6-11, 1991

CHINA (Nanjing)

Contact: Dr. Ma Yu-ying, Nanjing Institute of Geology and
Palaeontology, Academia Sinica, Chi-min-Ssu, Nanjing 210008,
The People's Rep. of China. Tel: 63 18 18; Telex: 34025 ISSAS CN;
Cable: 0657 Nanjing.



LOW TEMPERATURE METAMORPHIC PROCESSES IN CONTRASTING GEODYNAMIC SETTINGS

November 8-21, 1991

NEW ZEALAND (Auckland)

Contact: P.R.L. Browne, Geothermal Institute, University of Auckland,
Private Bag, Auckland, New Zealand. Tel: 64 9737 999;
Fax: 0064 09 371 183.



BSRG ANNUAL MEETING

December, 1991

U.K. (Edinburgh)

Contact: John Underhill, Grant Institute of Geology, West Mains Rd.,
University of Edinburgh, Edinburgh EH8 9YL, U.K.



MEETING TO FOCUS ON GLOBAL CHANGE

August 1-14, 1992

U.S.A. (Washington, DC)

Contact: ASPRS, Don Hemenway, 210 Little Falls Street, Falls Church,
VA 22046, U.S.A.



THIRD INTERNATIONAL RESEARCH SYMPOSIUM ON MODERN AND ANCIENT CLASTIC TIDAL DEPOSITS

August 25-28, 1992

WEST GERMANY (Wilhelmshaven)

Contact: Burg Flemming, Senckenberg Institute, Schleusenstr 39a,
2940 Wilhelmshaven, West Germany.



BSRG ANNUAL MEETING

December, 1992

U.K. (Southampton)

Contact: Alan Klemp, Dept. of Oceanography, Southampton University,
Southampton SO9 5NA, U.K.



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