

# IAS

# NEWSLETTER

Nº134/135 December 1994

## CONTENTS

Editorial	3
IAS Special Lecturer Tour	4
Miocene Reefs and Carbonate Platforms	6
Muito Tropical	7
Perimediterranean Carbonate Platforms	10
Financial Report	11
Calendar	14

**Contributions to be sent to:**

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## EDITORIAL

**D**on't be shocked! You are still a member of the IAS, and this still is the IAS-Newsletter you are reading. It is just that the style has changed. With the new Bureau which took over in August during the 14th International Sedimentological Congress in Recife, Brazil, there has also been a change of General Secretary - and if the General Secretary changes, the Newsletter changes. You will have to live with this.

Finn Surlyk did a great job during his eight years as editor of the Newsletter. You will miss his sketches on the front page, because neither myself nor my assistant and co-editor, Joe Plunkett, are very good artists. We will try to compensate this flaw by adding a little bit of colour (or at least by telling the printers to do so). I would like to thank Finn for all the work he invested in his role as General Secretary, and I hope that I can keep up the high standards he set.

Every new IAS-Bureau starts its work full of enthusiasm and full of fresh ideas. My ideas - concerning the Newsletter - can be summed up in two words: **MORE FEEDBACK.**

Our newsletters live by the members of the IAS, and that means by you. **Organizers of meetings, workshops and fieldtrips** - send us the details for the Calendar, and write us reports once the happening is over. **National correspondents** - tell us about the activities of the sedimentology group in your country. **Members of the IAS** - let's have your ideas on how to improve our Association, ideas about themes for symposia at our Regional and International Meetings, ideas about the future of sedimentology. **Professors and professionals in affluent countries** - tell us if you have books or journals to give away. **Students in poorer countries**, tell us if you need journals or books.

Of course, the Newsletter has to be in English in order to be read and understood by everyone. But don't worry if your contribution arrives on my desk in bad English: Joe will translate it into Irish English, and I can help out with some Swiss English.

**The Newsletter is a means of communication.** Please use it to pass on your messages, and please read it in order to learn what others are doing. I hope that we will have lively conversation.

*André Strasser, General Secretary*

## REPORT ON THE 2ND IAS SPECIAL LECTURER TOUR (PART 2)

*From Prof. John C. Crowell, the second IAS Special Lecturer, we have received the following report on the second part of his lecture tour, this time to New Zealand, Australia, and South Africa, in May, June and July, 1994*

**O**n my recent circumnavigation of the Southern Hemisphere, I visited universities and geological organizations, gave 35 formally announced lectures, and participated in informal discussions and field trips. The cities visited, in order, were Dunedin, Christchurch, Wellington, Lower Hutt, Hamilton, and Auckland in New Zealand; Townsville, Sydney, Canberra, Adelaide, and Perth in Australia; and Johannesburg, Pretoria, Bloemfontein, Cape Town, and Durban in South Africa.

My presentations ranged from the general when speaking to undergraduate or nonprofessional audiences to more detailed when talking before research geologists. Depending on the interests of audiences, I dealt with the sedimentary record of pre-Cenozoic Ice Ages from the Late Archean to the Permian, or on basin evolution and sediment infilling along the San Andreas transform belt, or on living with geological settings associated with such a tectonically active belt. At several places I included comments on the tectonics and reasons for damage

and deaths during recent earthquakes in southern California. The topics covered were similar to those of my previous tour to Europe (see IAS Newsletter, No. 132, June 1994).

In New Zealand, comparisons of Late Cenozoic tectonic events with similar events in California were rewarding, especially on field excursions with a neotectonic or sedimentological emphasis. In Australia discussions concerning the record of Precambrian Ice Ages were fruitful. The problem of low-latitude glaciation at sea level during Neoproterozoic time is still perplexing, although difficulties remain with the interpretation of some paleomagnetic measurements. I received courteous tolerance in speculating that glacial debris was perhaps carried in icebergs parallel to tectonic rifts or coastlines where alpine or piedmont or ice-cap glaciers within mountainous shoulders reached the sea. Icebergs calved at sea level may have floated in ocean currents from moderate latitudes to low latitudes where they dumped their debris upon melting. We therefore await better tectonic reconstructions

of continental arrangements in Neoproterozoic time, and those with better time constraints.

In South Africa, between lectures and discussions, I welcomed visits to localities about 250 km north of Cape Town: to the Oorlogskloof Pavement beneath Dwyka tillites of early Permian age; to the Pakhuis Tillite recording late Ordovician glaciation; and to the Neoproterozoic Swart-Lei Krans Diamictite (probable Numees correlative) within a section that possibly displays a partial glacial origin. Discussions with local sedimentologists, and brief looks at Witwatersrand borehole cores and Pongola outcrops, convinces me that South Africa has a probable record of glaciation at nearly 3 Ga, well back in Archean time, the earliest so far noted on Earth. The Makganyane Formation (Transvaal sequence) contains strata with a glacial imprint at about 2.5 Ga. In addition, the Dwyka Formation (Upper Carboniferous to Mid-Permian) includes some of the

best exposures anywhere of many glaciogene facies.

I am indebted to the IAS for providing air tickets and expenses from venue to venue, and to each of many local geological organizations (universities and surveys) for subsistence. Jarg Pettinga in New Zealand, Russell Korsch in Australia and Bruce Cairncross in South Africa worked out the travel schedule in their respective countries. Air travel within South Africa, in and out of Johannesburg, was funded by the Sedimentology Division, Geological Society of South Africa. I thank my many attentive hosts, and especially friends who took me on field trips: Peter Ballance, Nic Beukes, Peter Kamp, Lawrie Minter, Jarg Pettinga, Rick Sibson, Johann Visser, Vic von Brunn, and Dick Walcott.

*Prof. John C. Crowell  
Institute for Crustal Studies  
University of California  
Santa Barbara  
CA 93106-1100, USA*

## MIOCENE REEFS AND CARBONATE PLATFORMS OF THE MEDITERRANEAN

**Interim Colloquium - RCMNS  
Marseille (F), May 3-6, 1994**

The Interim Colloquium RCMNS "Miocene reefs and carbonate platforms of the Mediterranean" was scientifically supported by the IAS, IGCP 343 (International Geological Correlation Program), MMRW (Mediterranean Miocene Reef Workers), the University of Provence and the CNRS laboratory "Dynamics and palaeoenvironments of carbonate platforms" (Marseille).

102 scientists from 18 countries (USA, West and East Europe, North Africa and Middle East) participated in the Colloquium at the University of Provence with, for the first time, almost all the specialists in the different fields being present. 51 presentations (two conferences referring to present-day coral reefs) and posters were given. Contributions were organized under four major themes:

- palaeobiogeography, palaeoenvironments, reefal ecosystems;
- geometry, sedimentology, basin/platform transition;
- local and global controls, carbonate platforms and geodynamical evolution;
- Tortonian and Messinian; sea-level changes and "salinity crisis".

Late Oligocene - Early Miocene carbonates were visited in the vicinity of Marseille. The Messinian carbonate platform and reefs of Mallorca were visited during three days after the Colloquium, under the organization of the Mallorca University.

- After fruitful discussions, three working groups were organized:
- Carbonate platforms and correlations during Messinian;
  - Micritic crusts in carbonate platforms;
  - Biodiversity in carbonate platforms.

A general audit of these problems is ongoing and results will be published in the Proceedings of the Colloquium (*Géologie Méditerranéenne*, 1995).

The scientific committee decided to develop the Mediterranean Miocene Reef Workers (MMRW) with the help of Mateu Esteban (Mallorca, Spain).

*Jean-Paul Saint Martin  
Jean-Jacques Cornée  
Centre de sédimentologie-  
paléontologie  
Université de Provence  
13331 Marseille, France*

## MUITO TROPICAL

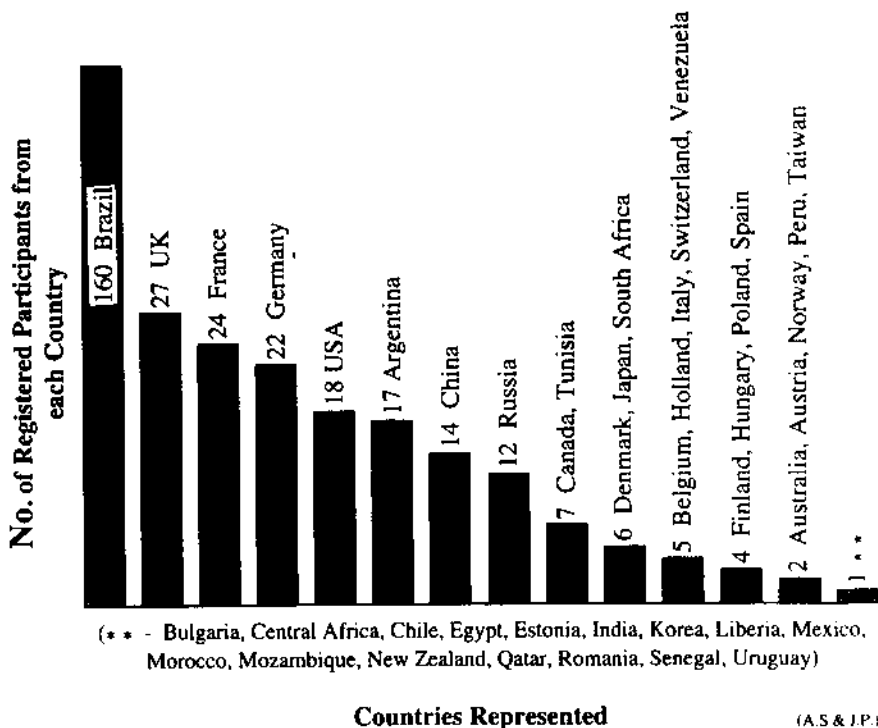
### The 14th International Sedimentological Congress in Recife, Brazil.

The 14th International Sedimentological Congress of the IAS took place in tropical Recife, Brazil, from August 20-26, 1994. When compared to many previous congresses, a rather small number of delegates participated, with 389 registered colleagues from 43 countries. Particularly obvious was the low participation by the USA and Canada. However, the relatively small number of delegates allowed not only for chance encounters between colleagues, but provided an excellent opportunity to more precisely plan future collaborations, a fact which was reflected in many informal meetings.

The scientific programme encompassed up to 9 parallel sessions with 10 themes and 9 symposia spanning from "Global Sedimentology" to "Calcareous Algae and Microbial Mats", from "Applied Sedimentology" to "Ichnofacies" (whereby I learned, for example, from an impressive talk by Tony Martin, Atlanta, of the new, promising approach of 'Applied Ichnofacies'). Despite (or even because of ?) the fact that many of the "big shots" were absent, the scientific programme was well balanced and included a lot of stimulating presentations. Brazilian colleagues impressively demonstrated

the high quality of their research. They addressed almost all themes and symposia, with possibly a certain concentration on "Modern Environments" and "Carbonate Sediments". Consequently, it was only logical that a Brazilian, Viviane Testa, won the award for best female presentation with her enthusiastic talk on tropical algal carbonates from NE Brazil (co-authors Gheradi, Bosence, Vianna). Another joint venture with Brazilian colleagues was presented in two remarkable talks on anaerobic microbial dolomitization (Vasconcelos and McKenzie, with co-author Bernasconi).

In my personal view, the few "grand old men" who joined the congress gave excellent and stimulating presentations which definitely were amongst the highlights: e.g., A. Seilacher spoke of unexpected results in ichnostratigraphy, particularly by using *Cruziana* burrows; R. Ginsburg gave a witty talk about the coexistence of "dumb?" siliciclastics and "creative?" carbonates; R. Folk gave a perfect, humorous picture show on the role of 'dwarf' bacteria in the precipitation of silica and clay minerals, a talk which triggered never-ending ovations. Nevertheless, many younger colleagues were not that far behind in both the scientific and di-



dactic quality of their presentations. In addition to the already mentioned talks I was particularly impressed by André Freiwald, Bremen, who used a modern example to show us just how important and productive cold water carbonates can be, by talks on modern environments from Brazil

(Zelinda Leão and her research students from Salvador), and by Gregor Eberli (from the Miami Group) on the prograding Bahama Platform. This list is naturally biased by my own interests and the impossibility to visit all presentations.

Posters were well placed in a broad corridor which functioned as the general meeting and discussion centre, and along with a Brazilian 'cafezinho' we really had a good chance and sufficient time to study these mostly high-quality presentations. PETROBRAS, the Brazilian petroleum company, not only was the major sponsor of the congress, but also, by the high quality of posters, talks and videos, impressed all of us with its enormous scientific power.

The congress, convened and chaired by J.M. Mabesoone, was, on the whole, well organised. Accommodation and shuttle services were perfect, though distances to the convention center were long for some participants. The social programme also was well chosen and, for many of us, the spirited folkloric night will remain unforgettable.

Unfortunately, quite a few oral presentations and also some field excursions had to be cancelled during the congress. The latter naturally resulted in logistic difficulties but, with the aid of the effective and friendly travel agency in charge (Agência Luck) most of the problems could be solved. I myself was happy to join the excursion to the Abrolhos Reefs, guided by the most competent colleague Zelinda Leão (Salvador).

This was an unforgettable trip to a natural, well-protected paradise characterised by fascinating coral reefs growing in an unusual siliciclastic setting. The non-sedimentological features of this trip such as the breathtaking meeting with very nearby whales, sea turtles, island wildlife, or even the running aground of the boat on a shallow reef were likewise exciting. Other colleagues told me that their excursions, e.g. to the Amazon river, to the S. Francisco delta or to the K/T boundary (a mid-congress half day trip), also were very successful.

For those who can disregard small organisatory problems, Recife was a very fruitful congress in a friendly country and among friendly colleagues. I believe that a lot of future scientific collaboration, particularly with Brazil, will be an additional outcome of this congress. Many thanks to the Brazilian colleagues for this exciting event! Mr. Mabesoone, many of us will come again, may be soon ....

*Reinhold Leinfelder  
Institut für Geologie und  
Paläontologie  
Stuttgart  
Germany*

## REPORT ON THE FIRST INTERNATIONAL MEETING ON PERIMEDITERRANEAN CARBONATE PLATFORMS

The first International Meeting on Perimediterranean Carbonate Platforms was held in Marseille on September 5-8, 1994 (Centre de sédimentologie-paléontologie, Université de Provence) and was attended by nearly ninety participants from nineteen countries. Thirty oral presentations and thirteen posters contributed to the following topics: tectonic/sedimentation relationships, the sedimentologic role of organisms, stratigraphic correlations, geometric-anatomic models, sequence stratigraphy, platform-basin relationships, mixed clastic/carbonate platforms and diagenesis. Two field trips were organized to the Cretaceous carbonates outcropping in the vicinity of Marseille. A workshop was held in order to conduct a general survey of problems concerning carbonate platform dynamics and to select some topics on which future research could be encouraged, such as: primary mineralogy and origin of carbonate muds compared to those of ooids and

their relationships with the ocean geochemistry and its "crisis", sedimentary discontinuities, biogenic silica in shallow water settings, evolutionary trends through time of inorganic and organic components of limestones, etc...

The scientific committee decided to create an informal group on Perimediterranean Carbonate Platforms to promote active cooperation and exchange between perimediterranean countries concerning both academic and economic (e. g. petroleum research) aspects.

The abstracts volume and field guide books are still available on request (100 FF.) and will be published in 1995 in a special issue of "Géologie Méditerranéenne".

*J. P. Masse  
Centre de sédimentologie-  
paléontologie  
Université de Provence  
13331 Marseille  
France.*

Coopers  
&Lybrand Accountants

The board of the  
International Association of  
Sedimentologists (IAS)  
UTRECHT

The following items are taken from the annual accounts 1993/1994 of the International Association of Sedimentologists (IAS), Utrecht, dated August 9, 1994 (ref. R6874-W/125825).

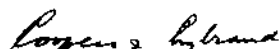
#### 1. AUDITORS' REPORT

We have audited the financial statements of The International Association of Sedimentologists for the year ended June 30, 1994.

We have conducted our audit in accordance with auditing standards generally accepted in the Netherlands.

In our opinion these financial statements give a true and fair view of the association's financial position at June 30, 1994 and the result for the period July 1, 1993 to June 30, 1994.

Yours faithfully,



Coopers & Lybrand

Coopers  
&Lybrand Accountants

The following items are taken from the annual accounts 1993/1994 of the International Association of Sedimentologists (IAS), Utrecht, dated August 9, 1994

### 1. BALANCE SHEET AS AT JUNE 30, 1993

	<u>June 30, 1994</u>		<u>June 30, 1993</u>	
	NLG	NLG	NLG	NLG
<b>FIXED ASSETS</b>				
<b>Tangible fixed assets</b>		22,783		0
<b>CURRENT ASSETS</b>				
<b>Stocks (books/publications)</b>		184,507		129,681
<b>Receivables</b>				
Prepayments	25,739		0	
Other receivables	<u>16,129</u>		<u>39,058</u>	
		41,868		39,058
<b>Liquid assets</b>		<u>1,270,097</u>		<u>1,062,854</u>
		<u>1,519,255</u>		<u>1,231,593</u>
<b>Capital</b>				
General reserve	1,152,472		1,016,698	
Exchange reserve	(24,475)		(13,740)	
		1,127,997		1,002,958
<b>Short-term debts</b>				
Other debts and prepayments received		<u>391,258</u>		<u>228,635</u>
		<u>1,519,255</u>		<u>1,231,593</u>

Coopers  
&Lybrand

Accountants

**INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, UTRECHT**

**2. SUMMARY PROFIT AND LOSS ACCOUNT**

	July 1, 1993 to June 30, 1994	July 1, 1992 to June 30, 1993
	<u>NLG</u>	<u>NLG</u>
<b>Costs of books and magazines</b>	276,701	74,492
<b>Staff and housing expenses</b>	98,048	100,162
<b>Other expenses</b>		
Grants	2,421	14,213
General secretary	2,264	2,508
Costs of postage	8,139	6,677
Office expenses	9,752	10,034
Auditors' costs	7,000	7,557
Advisory costs	1,000	0
Congress expenses (seed money)	0	14,032
IAS Lecture Tour	10,395	7,418
Bureau expenses	46,707	44,865
Bank expenses	18,716	13,299
Depreciation fixed assets	4,557	0
	<u>110,951</u>	<u>120,603</u>
<b>Net result (total)</b>	135,774	132,217
	<u>621,474</u>	<u>427,474</u>
<b>Income</b>		
Membership fees	117,042	112,725
Sales of books	325,992	146,628
Page charges	7,090	7,136
Sedimentology (net result)	<u>111,420</u>	<u>76,357</u>
	561,544	342,846
<b>Interest</b>	<u>59,930</u>	<u>84,628</u>
	<u>621,474</u>	<u>427,474</u>

## CALENDAR

### FIRST INTERNATIONAL SYMPOSIUM ON BIOSTRATIGRAPHY OF OIL AND GAS BASINS

December 3-10, 1994

RUSSIA (St. Petersburg)

Contact: Olga A. Sochevanova, VNIGRI, Liteiny 39, St. Petersburg 191 104, Russia.

Tel: (7-812) 275-7145/272-3677

Fax: (7-812) 273-7387

Telex: AT 621626 (64121986)

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### SUBMARINE FANS AND TURBIDITE SYSTEMS

Sequence Stratigraphy, Reservoir Architecture, and Production Characteristics, Gulf of Mexico and International

December 4-7, 1994

U.S.A. (Houston, TX)

Contact: Dr. Bob F. Perkins, GCSSEPM Foundation, 1416 Creekford Dr., Arlington, Texas, 76012-2108, U.S.A.

Tel. or Fax: (817) 273-2510

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### INTERNATIONAL CONFERENCE ON COASTAL ENVIRONMENTS OF NORTHERN ARABIAN GULF

December 5-8, 1994

IRAQ (Basrah)

Contact: Arab Geologist Ass., P.O. Box 1247, Baghdad, Iraq

Fax: 964-1-7193532

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### GEOMETRY AND PRODUCTION OF CARBONATE PLATFORMS

December 8, 1994

FRANCE (Paris)

Contact: Bruno Savone, Secrétariat A.S.F.,

IFREMER, Environnements sédimentaires, BP 70, 29280 Plouzane, France.

Tel: (33) 98 22 42 32 or 42 67

Fax: (33) 98 22 45 70; Telex: 940627F

### BSRG ANNUAL GENERAL MEETING

December 18-21, 1994

SCOTLAND (Aberdeen)

Contact: Adrian Hartley, Dept. of Geology and Petroleum Geology, Meston Building, King's College, Univ. of Aberdeen, Aberdeen AB9 2UE, Scotland.

Tel: (0224) 273433; Fax: (0224) 272785

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### PETROTECH-95: COMPETITIVE EDGES IN PETROLEUM TECHNOLOGY

January/April 1995

INDIA (Dehra Dun)

Contact: Dr. Anil K. Garg, KDM Inst. of Petroleum Exploration, 9 Kaulagarh Road, Dehra Dun-248195, India.

Tel: 0135-23193, 27101-5

EPABX-5748/5000/5001;

Telex: 0585/273 MIPE IN

Fax: 0135-25265

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### BSRG WORKSHOP ON EXPERIMENTAL AND THEORETICAL STUDIES OF PROCESSES IN TURBIDITY CURRENTS

January 12-13, 1995

U.K. (Cardiff)

Contact: Dr. Jan Alexander, The Marine Research Group, Dept. of Geology, UWCC, P.O. Box 914, Cardiff, CF1 3YE, U.K.

Tel: (0222) 874830; Fax: (0222) 874326

E-mail: AlexanderJ@uk.ac.cardiff

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### COOL AND COLD-WATER CARBONATE CONFERENCE

January 14-19, 1995

AUSTRALIA (Melbourne)

Contact: Dr. Jonathan Clarke, Western Mining Corporation, P.O. Box 157, Preston, Victoria 3072, Australia.

Tel: 61-03-4853646; Fax: 61-03-4822647;

E-mail:

Jonathan.Clarke@WMC.Telememo.Au

**SEPM/AAPG ANNUAL MEETING**

March 5-8, 1995  
 U.S.A. (Houston, TX)  
 Contact: Julie Ball, SEPM's Business Office,  
 Tulsa, OK 74195, U.S.A.  
 Tel: (918) 743-9765

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**10TH HIMALAYA-KARAKORAM-TIBET WORKSHOP (Incl. a special session on geological processes related to uplift, exhumation and elevation of the Himalaya, Karakoram and Tibet)**

April 4-8, 1995  
 SWITZERLAND (Monte Verità)  
 Contact: Dr. David A. Spencer,  
 Geologisches Institut, ETH-Zentrum,  
 CH-8092 Zürich, Switzerland.  
 Tel: 41-1-632-3698; Fax: 41-1-632-1080  
 E-mail: DAspencer@erdw.ethz.ch

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**COHERENT FLOW STRUCTURES IN OPEN CHANNELS: ORIGINS, SCALES AND INTERACTIONS WITH SEDIMENT TRANSPORT**

April 10-12, 1995  
 U.K. (Leeds)  
 Contact: S. McLelland, School of  
 Geography, University of Leeds, Leeds, LS2  
 9JT, U.K.  
 Tel: 0532-333324; Fax: 0532-333308  
 E-mail: geo5sm@geog.leeds.ac.uk

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**2ND INTERNATIONAL CONFERENCE ON MECHANICS OF JOINTED AND FAULTED ROCKS (MJFR-2)**

April 10-14, 1995  
 AUSTRIA (Vienna)  
 Contact: Doz. Dr. H. P. Rossmanith, Inst. of  
 Mechanics, Technical Univ. Vienna, Wieder  
 Hauptstrasse 8-10/325, A-1040 Vienna,  
 Austria.

**16TH IAS REGIONAL MEETING**

April 24-26, 1995  
 FRANCE (Aix-les-Bains, Savoie)  
 Contact: Isabelle Cojan, Congrès Aix 95,  
 Ecole des Mines de Paris, Laboratoire de  
 Sédimentologie, 35 rue St. Honoré,  
 77305 Fontainebleau Cedex, France.  
 Tel: (33) 1-64 69 49 11  
 Fax: (33) 1-64 69 49 35

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**INTERNATIONAL SYMPOSIUM ON SEQUENCE STRATIGRAPHY IN SOUTHEAST ASIA**

May 16-18, 1995  
 INDONESIA (Jakarta)  
 Contact: The Indonesian Petroleum  
 Association, Jl. M. Ikhwan Ridwan Rais 3,  
 Jakarta 10110, Indonesia.  
 Fax: (62-21) 375228

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**SEDIMENT '95: 10TH ANNUAL MEETING OF SEDIMENTOLOGISTS IN GERMANY**

May 24-28, 1995  
 GERMANY (Freiberg/Sa)  
 Contact: Dr. M. Kurze, TU Bergakademie  
 Freiberg, Inst. für Geologie, B.v.Cotta-Str.  
 2, 09596 Freiberg, Germany.  
 Tel: (03731) 51-3160; Fax: (03731) 51-3126

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**7TH INTERNATIONAL SYMPOSIUM ON THE ORDOVICIAN SYSTEM**

June 12-16, 1995  
 USA (Las Vegas, Nevada)  
 Contact: Dr. Margaret N. Rees, Dept. of  
 Geosciences, Univ. of Nevada-Las Vegas,  
 Las Vegas, Nevada 89154-4010, U.S.A.  
 Tel: (702) 895-3262; Fax: (702) 895-4064

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**13TH SPANISH SEDIMENTOLOGICAL CONGRESS**

June 26-July 2, 1995 (incl. field trips)  
 SPAIN (Teruel)  
 Contact: Alfonso Meléndez or Marc Aurell,  
 Dpto. Ciencias de la Tierra, Universidad de  
 Zaragoza, 50009 Zaragoza, Spain.  
 Tel: 34-76-351114; Fax: 34-76-565852

**10TH INTERNATIONAL BATHURST  
MEETING ON CARBONATE  
SEDIMENTOLOGY**

July 3-8, 1995

U.K. (London)

Contact: Dr. Dan Bosence, Royal Holloway  
Univ. of London, Egham, Surrey,  
TW20 0EX, UK.

Fax: (00) 44 (0) 784-471780

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**11TH SYMPOSIUM ON COASTAL  
SEDIMENTOLOGY**

July 3-9, 1995

BRAZIL (Rio de Janeiro)

Contact: Prof. Cleverson Guizan Silva, Dept.  
of Geologia/LAGEMAR, Univ. Federal  
Fluminense, Av. Bento de Maria da Costa  
115-a, Charitas, Niteroi, R.J. 24.370-190,  
Brazil.

Fax: 5521-711-9917

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**INTERNATIONAL WORKSHOP ON  
REEFS AND CARBONATE  
PLATFORMS IN THE PACIFIC AND  
INDIAN OCEANS**

July 10-14, 1995

AUSTRALIA (Sydney)

Contact: Douglas Bergersen and Peter  
Davies, Dept. of Geology and Geophysics,  
Univ. of Sydney, N.S.W. 2006, Australia.  
Tel: 61-2-692-4050; Fax: 61-2-692-0184

E-mail: dougb@es.su.oz.au

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**SEPM CONGRESS ON  
SEDIMENTARY GEOLOGY**

August 13-16, 1995

U.S.A. (St. Petersburg, FL)

Contact: Julie Ball, SEPM's Business Office,  
Tulsa, OK, U.S.A.

Tel: (918) 743-9765

**3RD INTERNATIONAL  
ICHTNOFABRIC WORKSHOP**

(The workshop will be held in conjunction  
with The First International Limnogeological  
Congress: Research Methods in Ancient and  
Modern Lacustrine Basins)

August 14-21, 1995

DENMARK (Bornholm)

Contact: Richard Bromley, Geological Inst.,  
Univ. of Copenhagen, Øster Voldgade 10,  
DK-1350 Copenhagen K., Denmark.

Tel: (45) 35322442; Fax: (45) 35322499.

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**THE FIRST INTERNATIONAL  
LIMNOGEOLOGICAL CONGRESS  
RESEARCH METHODS IN ANCIENT  
AND MODERN LACUSTRINE  
BASINS**

The congress is sponsored by: IAS,  
GLOPALS, UNESCO-IUGS, IGCP-324  
Project

August 21-25, 1995

DENMARK (Copenhagen)

Contact: "ILIC", Nanna Noe-Nygaard,  
Geological Institute, University of  
Copenhagen, Øster Voldgade 10, DK-1350  
Copenhagen K, Denmark.

Tel: (45) 35322491; Fax: (45) 35322499

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**2ND INTERNATIONAL SYMPOSIUM  
ON THE GEOLOGY OF THE  
EASTERN MEDITERRANEAN  
REGION**

August 27-September 1, 1995

ISRAEL (Jerusalem)

Contact: Symposium Secretariat, P.O.B.

50006, Tel-Aviv 61500, Israel.

Tel: 972 3 5140014

Fax: 972 3 5175674 / 660325

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**3RD INTERNATIONAL  
BRACHIOPOD CONGRESS**

September 2-5, 1995

CANADA (Sudbury)

Contact: Paul Copper, Laurentian Univ.,  
Sudbury, Canada P3E 2C6.

Tel: (705) 675-1151 (ext 6575)

Fax: (705) 673-6532

**EUROPEAN MEETING OF THE  
INTERNATIONAL SOCIETY FOR  
REEF STUDIES: "BIOLOGY AND  
GEOLOGY OF CORAL REEFS"**

September 5-9, 1995

U.K. (Newcastle)

Contact: Dr. Nicholas Polunin, Dept. of  
Marine Sciences & Coastal Management,  
University of Newcastle, Newcastle-upon-  
Tyne, NE1 7RU, U.K.  
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**INTERNATIONAL SYMPOSIUM ON  
KARREN LANDFORMS**

(A thematic symposium of the Commission  
on Environmental Changes in Karst Areas)  
September 19-22, 1995

SPAIN (Palma de Mallorca-Soller)

Contact: J. J. Fornos or A. Gines, Dept.  
Ciencias de la Terra, Universitat de les Illes  
Balears, 07071 Palma de Mallorca, Spain.  
Fax: 34-71-173184  
E-mail: dctjfa@ps.uib.es

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**SEPM RESEARCH CONFERENCE  
ON ALLUVIAL FANS**

October 17-21, 1995

U.S.A. (Death Valley, CA)

Contact: Myra Rogers, SEPM Business  
Office, P.O.Box 4756, Tulsa, OK 74159,  
U.S.A.

Tel: (918) 743-9765; Fax: (918) 743-2498

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**RIFT SEDIMENTATION AND  
TECTONICS IN THE RED SEA -  
GULF OF ADEN REGION**

October 23-29, 1995

YEMEN(Sana'a)

Contact: Dr. Dan Bosence, Royal Holloway  
Univ. of London, Egham, Surrey, TW20  
0EX, U.K.

Fax: (00) 44 (0) 784 471780

or Dr. Mohamed Al-Aawah, P.O.Box  
13200, Sana'a, Rep. of Yemen

Fax: (00) 967-1-214075

**ANCIENT AND RECENT  
LACUSTRINE SYSTEMS IN  
CONVERGENT MARGINS**

November 12-18, 1995

CHILE (Antofagasta)

Contact (in Spain): Dr. Alberto Sáez or Dr.  
Lluís Cabrera, Dept. of Geologia Dinámica,  
Geofísica i Paleontologia, Campus of  
Pedralbes, 08028 Barcelona, Spain.

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E-mail: alberto@natura.geo.ub.es

or lluis@natura.geo.ub.es

Contact (in Chile): Dr. Prof. Guillermo

Chong or Dr. Prof. Arturo Jensen,  
Departamento de Ciencias Geológicas, Avda.  
Angamos, Antofagasta, Chile.

Fax: 5655248198 or 241714

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ajensen@socompa.cecun.ucn.cl

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**6TH SPANISH CONGRESS AND  
INTERNATIONAL CONFERENCE  
ON ENVIRONMENTAL GEOLOGY  
AND LAND-USE PLANNING**

April 24-27, 1996

SPAIN (Granada)

Contact: Technical Secretariat, VI CNGAOT,

Dpto. de Congresos de Viajes Sacromonte,

C/ Angel Ganivet 6, 18009 Granada, Spain.

Tel: 34-58-225598/9; Fax: 224617

Telex: 78484