

IAS

NEWSLETTER

N°145

August 1996

CONTENTS

IAS on the WEB	3
Paleokarst Field Conference 1995	4
Romanian Group of Sedimentologists	4
Sediment '96 Report	6
News from Yugoslavia	7
Second Hand Bookshop	8
IAS Field Guides	9
New Member Form	10
Calendar	11

Contributions to be sent to:

André Strasser
IAS General Secretary
Institut de Géologie
Pérolles
1700 Fribourg
SWITZERLAND

Tel. +41 37 29 89 78
Fax +41 37 29 97 42
E-mail: andreas.strasser@unifr.ch

You waited for it....

NOW we proudly present:

IAS on the WEB

With this URL

<http://www.blacksci.co.uk/uk/society/ias>

You will find:

Information about the IAS

Bureau/Council members

Membership

Newsletter Information

IAS Journals

IAS Books

Forthcoming meetings

Sedimentology links

If YOU have any comments, suggestions or even criticism don't hesitate to contact:

Julian Andrews
email:
j.andrews@uea.ac.uk

or

André Strasser
email:
andreas.strasser@unifr.ch

INFORMATION ON THE PALEOKARST FIELD CONFERENCE 1995

The Paleokarst Field Conference titled "Macroscopic Dissolution Features in the Rock Record" was hosted in 1995 by the Bahamas Field Station on San Salvador Island, Bahamas. The Symposium was published recently in *Carbonates and Evaporites*, v. 10, No.2. Copies of this Symposium as well as subscriptions to this journal are available from *Carbonates and Evaporites*,

Northeastern Science Foundation, an affiliate of Brooklyn College of the City University of New York Rensselaer Center of Applied Geology, P.O. Box 746, Troy, New York, 12181-0746, U.S.A.

*G.M. Friedmann,
New York, U.S.A.*

ROMANIAN GROUP OF SEDIMENTOLOGISTS ACTIVITIES 1995 / 1996

Presentations at "Colocviul S" (Sedimentology Colloquium) initiated discussions about the new trends in sedimentology and new concepts and methods that have been employed in sedimentary geology. Original studies showed detailed facies characteristics and their genetic significances of some sedimentary successions in Romania. The presentations focused on the following themes:

- Barrier-island complex; the facies characteristics of the sediments (Daniela Vlad, Bucharest University);
- Palaeoclimate - concept and reconstitution (Cristina Panaiotu, Bucharest University);
- Burdigalian siliciclastic facies in the central Pericarpathian Unit (Brebu Conglomerats), Romania (Marius Popa, Bucharest University);

- Fission-track method - a new approach in sedimentology (Daniela Vlad, Bucharest University);
- Sequence analysis in the siliciclastic Oligocene of the Getic Unit Romania (Eugenia Nicolae, Institute of Petroleum Geology, Bucharest);
- Clastic dykes from Kliwa Sandstone, Romania - their relationship to turbiditic deposition (Bogdan Varban, Bucharest University);
- The sequence stratigraphy concept applied on the siliciclastic Oligocene from the Romanian Carpathians (Lucia Momea, Institute of Petroleum Geology, Ploiesti);

Participation at the 15th Congress of the Carpatho-Balkan Association. The submitted papers presented integrated models to reveal the evolution history of particular depositional systems using various analytical techniques:

- Facies analysis on Oligocene formations from the Outer Flysch zone, the East Carpathians - a reconsideration (Nicolae Anastasiu, Marius Popa, Bogdan Varban, Bucharest University);
- The Upper Jurassic - Lower Cretaceous shallow water carbonate platform (Bucegi-Piatra Craiului, East Carpathians), evolution and relation to sequence stratigraphy (Cristina Panaiotu, Bucharest University);

Presentations at the 10th R.C.M.N.S. (Regional Committee for Mediterranean Neogene Stratigraphy) Congress. The presented papers revealed detailed facies characteristics of some stratigraphic units of interest. Also, in discussions critical remarks have been made related to the terminology and nomenclature of some stratigraphic units based on facies characteristics:

- Clastic evaporites from the Lower-Middle Miocene of the Pericarpathian Unit, Romania - depositional evolution (Dumitru Frunzescu, Institute of Petroleum Geology, Ploiesti; Nicolae Anastasiu, Marius Popa, Bucharest University);
- Petrographic facies of the Kliwa Sandstone, Romania (Lucia Momea, Institute of Petroleum Geology, Ploiesti);

Useful contacts have been established within TEMPUS Programme (April - June, 1996).

*Nicolae Anastasiu,
Mineralogy & Petrology Dpt.,
1 N Balcescu Bd.,
70111 Bucharest,
ROMANIA.*

CONFERENCE REPORT: SEDIMENT '96 MAY 9-15, 1996, VIENNA

The new Geozentrum of the University of Vienna hosted this year's Sediment'96 meeting, which since 1987 has rotated yearly between Universities in Germany and Austria. Traditionally, this convention provides a forum mostly for the German-speaking sedimentary geology community in mid-Europe, but recent meetings have significantly widened the scope. As a result, the Vienna meeting attracted some 220 participants from Austria, Germany, Switzerland, Belgium, Slovenia, Hungary, Slovakia, the Czech Republic, Poland, Nigeria, Canada, and the United States.

A total of 110 papers and 83 posters were presented during two and a half days of conference with a wide spectrum of topics ranging from modern sedimentation processes to tectonic regimes of sedimentary basin formation. Emphasis was on alpine sedimentary basins and in particular on basins of Cretaceous and Tertiary age. It was encouraging to see that these basins are more and

more looked at using a combined sedimentological and structural approach. Examples included the Vienna Basins and other intra-alpine Tertiary basins.

Three well-attended pre-conference and two post-conference excursions led participants to the Vienna Basin, the Molasse and Flysch zone, and the central and eastern Northern Calcareous Alps.

The organizers of the successful Sediment'96, Peter Faupl, Michael Wagreich, and Werner Piller, all members of the IAS, are to be congratulated for their great job. The forthcoming Sediment'97 will rotate back to Germany and will be organized by Werner Ricken and his team of the University of Cologne.

*Christoph Spötl,
Univ. of Innsbruck,
Austria.*

NEWS FROM YUGOSLAVIA

This report will briefly list the most important activities of sedimentologists from Yugoslavia (Serbia and Monte Negro) during the last few years.

In general, the main job of Yugoslav sedimentologists was dealing with problems in fundamental and applied sedimentology, using very modern, multidisciplinary techniques. The results of these investigations were presented and published in Yugoslavia and abroad.

Yugoslav sedimentologists took part in work on IGCP 324 GLOPALS, participating in Meetings in Ankara, Turkey (1991) and in Warsaw, Poland (1994). They also actively participated in the work on IGCP 329 "Neogene of Paratethys", hand in hand with paleontologists and stratigraphers. Some members of the Faculty of Mining & Geology, Belgrade, were invited and participated in the work of ISACDS in Chengdu, China (1994).

In 1995, Yugoslav sedimentologists took part in the 15th Congress of the Carpatho-Balkan Geological Association (CBGA) with contributions regarding the marine and non-marine sedimentation in Yugoslavia.

Besides the above mentioned activities, Yugoslav (Serbian) sedimentologists took part in work on the Project "Fundamental

geochemical, mineralogical, petrographical and sedimentological investigations of the lithosphere of Serbia" financed by the Serbian Ministry of Science & Technology. This project lasted four years (1991-1995) and will be continued in the future.

At the end, the most important news in this report from Belgrade is about the 3rd-5th June 1996, when in Belgrade was held the 7th. Meeting of Yugoslav sedimentologists. At the Meeting the new Yugoslav Sedimentological Committee was constituted, which will continue the work of the former Committee, stopped by the known unhappy circumstances in our country. During the work of the Meeting, 28 papers dealing with sedimentary geology problems were presented and published in an Abstract volume, printed in Serbian and English language. The papers are mostly related to lake, river and marine sedimentation emphasizing the carbonate and siliciclastic depositional systems. Special contributions to the Meeting and its multidisciplinary character were papers related to taphonomic studies of the reconstruction of the depositional environments, determination of the Neogene base depth by 2D-gravity modeling, investigations of sedimentation conditions in different terranes, magnetostratigraphic investigations

of the speed of sedimentation and others.

It is the intention of the Yugoslav Sedimentological Committee to inform all colleagues from the IAS constantly about its work. So, more news can be expected in the future.

*Jelena Obradovic,
Dpt. of Sedimentology,
Faculty of Mining and Geology,
Djucina 7, 11000 Belgrade,
Yugoslavia.*

SECOND HAND BOOKSHOP

The Department of Geological Sciences at Nnamdi Azikiwe University, Awka, Nigeria, is in need of journals and books on sedimentology, basin analysis, environmental hazards, hydrogeology, and stratigraphy, as well as IAS Special Publications. In fact, any book on Geology except on igneous- and metamorphic geology is welcome.

We need these books and journals to reinforce our small library

collection, presently being used by approximately 300 undergraduate and postgraduate students.

If you have any books or journals you would like to offer, please contact:

*Meshach O. Umenweke,
Dept. of Geological Sciences,
Nnamdi Azikiwe University,
P M B 5025, Awka, Nigeria.*

FIELD GUIDES- A NEW PUBLICATION SERIES FROM THE IAS

The IAS has decided to launch a new Special Publication, the Field Guide Series. These will be published by Blackwell, who currently handle both *Sedimentology* and our established Special Publication series. The Guides will be in compact format, convenient for use in the field.

Proposals to produce a field guide should be sent to me, the Special Publications secretary (see below), giving details of the area to be covered and anticipated scope of the book. We do not have in mind field guides based upon large, international meetings, where the range of excursions offered may cover whole countries or even continents, but

guides to areas compact enough to be covered from one or a few centres without excessive driving (or other forms of travel). To ensure as high a standard as possible, draft manuscript will be sent out for review. Proposals should therefore also include the names of at least two potential referees.

*Michael R. Talbot,
Geological Institute,
University of Bergen,
Alleg. 41, 5007 Bergen,
Norway.*

E-mail: michael.talbot@geol.uib.no

INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS (IAS) NEW MEMBERS

The International Association of Sedimentologists was founded in 1952, with the goal to promote the study of sedimentology. It counts over 2200 members coming from 97 countries. The journal *Sedimentology* has six issues per year, comprising about 1200 pages. Special Publications appear at irregular intervals. Every year, a Regional Meeting is held in Europe or North Africa, and an International Sedimentological Congress takes place every four years.

Special Lecturer tours are organized, allowing sedimentology groups to invite a well-known teacher to give talks and short courses in their country. The Friendship Scheme gives free membership to students in less-developed countries. IAS also maintains a network of National Correspondents, which report on the activities in their countries.

Fees amount to 200 FF (40 US \$) a year for full members, and 100 FF (20 US \$) for student members. This includes receipt of the journal *Sedimentology* and the Newsletter, reduced prices for the Special Publications, and reduced registration fees for the Congresses and Meetings.

To apply for IAS membership, please fill out the form below and mail it to:

IAS / Office of the Treasurer
Ecole des Mines de Paris
CGES-Sédimentologie
35, rue St. Honoré
77305 Fontainebleau cédex
France

Fax +33 1 64 69 49 35
E-Mail cojan@cgcs.enstmp.fr

Last name _____

First name(s) _____

Institution _____

Street _____

City _____

Zip-code _____

Country _____

Phone _____ Fax _____

E-mail _____

CALENDAR

IGCP PROJECT 362 Working Group Meeting "Integrated Stratigraphy"

August 28 - September 5, 1996
AZERBAIJAN (Baku)
Contact: Mascha Tiemessen
Lab. of Palaeobotany and Palynology
Heidelberglaan 2
3584 CS Utrecht, The Netherlands
Tel.: +31 302 53 26 29
Fax: +31 302 53 50 96
E-mail: M.Tiemessen@boev.biol.ruu.nl
E-mail: A.Muller@RWTH-Aachen.de

5TH INTERNATIONAL CRETACEOUS SYMPOSIUM IGCP Project 362 "Tethyan and Boreal Cretaceous"

September 16-24, 1996
GERMANY (Freiberg)
Contact: TU Bergakademie Freiberg,
Dezernat Wissens- und Technologietransfer,
Akademiestr. 6, D-09696 Freiberg,
Germany.
Tel: +49 3731 393339
Fax: +49 3731 393633

FOSSIL AND RECENT DEPOSITIONAL ENVIRONMENTS BETWEEN NORTH SEA AND LAKE CONSTANCE

11th Annual Meeting of the Aachen
Sedimentology Group
September 12-14, 1996
GERMANY (Aachen)
Contact: Prof. A. Muller, RWTH Aachen,
Germany.
Tel: +49 241 80 5726
Fax: +49 241 88 88 151
E-mail: A.Muller@RWTH-Aachen.de

FIELD WORKSHOP ON HIGH- RESOLUTION SEQUENCE STRATIGRAPHY OF AN UPPER CARBONIFEROUS BASIN-FILL

September 20-23, 1996
IRELAND (Clare Basin)
Contact: T. Elliott,
Dept. of Earth Sciences,
Univ. of Liverpool, P.O. Box 147,
Liverpool L69 3BX, UK
E-mail: elliot@liv.ac.uk

ALLUVIAL BASINS Sediment Transfer Rates and Budgets for Cenozoic Basins

September 13-18, 1996
FRANCE (Giens, near Toulon)
Contact: Dr. Josip Hendekovic, European
Science Foundation, 1 quai Lezay-Marnésia,
67080 Strasbourg Cedex, France.
Tel: +33 88 76 71 35
Fax: +33 88 36 69 87
E-mail: euresco@esf.org
InterNet <http://www.esf.org/euresco>

MESOZOIC GEOLOGY OF THE EASTERN AUSTRALIA PLATE

September 23-26, 1996
AUSTRALIA (Brisbane, Queensland)
Contact: Luisa Cracknell,
PO Box 1280,
Milton, Qld 4064, Australia
Tel: +617 3369 0477
Fax: +617 3369 1512

ITALIAN SEDIMENTOLOGICAL GROUP**Annual General Meeting**

October 10-14, 1996

ITALY (Catania)

Contact: Prof. Albina Colella

Istituto di Oceanologia e Paleocologia

Università di Catania

Corso Italia 55, 95129 Catania, Italy.

Tel: +39 95 7195770

Fax: +39 95 7195790

E-mail: Al.Colella@agora.stm.it

* * *

COMPARTMENTALIZED RESERVOIRS: their Detection, Characterization and Management

October 20-26, 1996

U.S.A. (Houston)

Contact: Dr. Susan Longacre, Texaco

EPTD, 3901 Briarpark, Houston TX 77042,

U.S.A.

Tel: +1 713 954 6068

Fax: +1 713 954 6113

* * *

COMPARATIVE EVOLUTION OF PERITETHYAN RIFT BASINS

November 11-15, 1996

EGYPT (Cairo)

Contact: William Cavazza, Dept. Earth and

Geoenvironmental Sciences,

University of Bologna, Italy.

Fax: +39 51 243336

E-mail: cavazza@geomin.unibo.it

* * *

BRITISH SEDIMENTOLOGICAL RESEARCH GROUP**Annual General Meeting**

December 14-17, 1996

IRELAND (Dublin)

Contact: John Graham, Department of

Geology,

Trinity College Dublin, Dublin 2, Ireland

Tel: +3531-608 10 74

Fax: +3531 671 11 99

E-mail: jrgraham@tcd.ie

ALLUVIAL SOILS & PALAEOOLS British Sedimentological Research Group Workshop

December 14th, 1996

Part of the BSRG '96 AGM at Trinity

College Dublin, December 14-17

Contact: Gareth Jenkins,

Dept. of Earth Sciences,

Cardiff University,

PO Box 914, Cardiff

CF1 3YE, U.K.

e-mail: sglgj@cardiff.ac.uk

* * *

1ST AUSTRALASIAN SEDIMENTOLOGY CONFERENCE

February 2-4, 1997

AUSTRALIA (Geelong, Victoria)

Contact: Dr. Tom Bernecker,

School of Earth Sciences,

University of Melbourne,

Melbourne, Australia.

Tel: 61-3-9344 6529

Fax: 61-3-9344 7761

E-mail:

t.bernecker@earth_sciences.unimelb.edu.au

* * *

GEOFLUIDS II

March 10-14, 1997

U.K. (Belfast)

Contact: Dr. J. Parnell, School of

Geosciences, The Queen's University of

Belfast, Belfast BT7 1NN, U. K.

Tel: +44 1232 335148

Fax: +44 1232 321280

E-mail: J.Parnell@qub.ac.uk

* * *

UNRAVELLING TECTONIC AND CLIMATIC SIGNALS IN SEDIMENTARY SUCCESSIONS

June 26-27, 1997

U.K. (at Burlington House, London)

Contact: Dr. Lynne Frostick or Dr. Martyn

Pedley, Research Institute for Environmental

Science and Management, University of

Hull, Cottingham Road, Hull HU6

7RX, U.K.

Tel: +44 1482 465385

Fax: +44 1482 466340

PALEOFORAMS '97
Study of Paleozoic Foraminifera
 August 17-21, 1997
 U.S.A. (Bellingham, WA)
 Contact: Charles A. Ross, Dept. of
 Geology, Western Washington University,
 Bellingham, WA 98225-9080, USA.
 Tel: +1 360 650 3634
 Fax: +1 360 650 3148
 E-mail: rossjrp@henson.cc.wvu.edu

**18TH IAS REGIONAL MEETING
 OF SEDIMENTOLOGY**

September 2-4, 1997
 GERMANY (Heidelberg)
 Contact: Thilo Bechstädt, Geologisch-
 Paläontologisches Institut, Univ.
 Heidelberg, Im Neuenheimer Feld 234,
 D-69120 Heidelberg, Germany.
 Tel: +49(0)6221 548292, 545989 (secr.)
 Fax: +49(0)6221 545503
 E-mail: thilo.bechstaedt@urz.uni-
 heidelberg.de

**6th INTERNATIONAL
 CONFERENCE ON FLUVIAL
 SEDIMENTOLOGY**

September 22-27, 1997
 SOUTH AFRICA (Cape Town)
 Contact: Mrs Sally Elliott
 The Conference Organiser, 6 ICFS,
 Postgraduate Conference Division,
 UCT Medical School, Observatory 7925,
 South Africa.
 Tel: +27 21 406 6911/ 406 6381
 Fax: +27 21 448 6263
 Email: sally@medicine.uct.ac.za

**1ST LATIN AMERICAN
 CONGRESS OF SEDIMENTOLOGY
 8TH VENEZUELAN CONGRESS
 OF GEOLOGY**

November 10-12, 1997
 VENEZUELA (Margarita Island)
 Contact: Dr Mounir Mahmoudi,
 Laboratorio Geológico El Chaure, Corpoven
 Puerto La Cruz, Edo. Anzoátegui -
 Venezuela
 Tel: +58 81606450 - 58 81 818915
 Fax: +58 81606445 - 58 81 603377

Boxed announcements have full or partial IAS sponsorship