

## NEWSLETTER N°161/162 June 1999

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#### IAS-Homepage:

http://www.blackwellscience.com/uk/society/ias

#### TECTONICS AND SEDIMENTATION OF INDONESIA

he Tectonics and Sedimentation of Indonesia seminar has been held from March 15 to 17, 1999, in Sasana Budaya Ganesha (ITB Conference Center) Bandung, organized by FOSI (the Indonesian Sedimentologists Forum), IAGI (the Indonesian Association of Geologists) and ITB (Institute of Technology Bandung). This technical seminar on Indonesian regional geology was held to commemorate the 50th anniversary of the 'Geology of Indonesia' book, authored by R.W. van Bemmelen and published in 1949. During the seminar the geoscientists enjoyed the international standard presentations which covered most parts of Indonesia. The presenters have brought their ideas and experience to the forum.

The seminar was attended by 274 geoscientists mainly from Indonesia and its neighboring countries. The participants came from the industries (128 participants: 47%), academic institutions (119: 43%), and civil services (27: 10%). The numbers of the academic participants were very high, with 55 students and 15 lecturers from Indonesian universities.

The seminar was started with an opening session where speeches were presented by Prof. Djoko Santoso (ITB rector assistant), Rob Hulsbos (a representative of the

Royal Geological and Mining Society of the Netherlands - KNGMG) and Herman Darman (convenor). The following keynote session was begun by Prof. J.A. Katili who gave an introductory speech on the invaluable memory of van Bemmelen. The other keynote speakers were Dr. Henry Posamentier (ARCO) who presented the evolution of the sequence stratigraphic models, and Prof. S. Maruvama (Tokyo Institute of Technology) who brought to attention the plume tectonic model, an explanation on global scale material circulation in the Earth's interior.

This two-day seminar was divided into five technical sessions with 29 oral presentations, covering different aspects of geology from all over Indonesia, from the west to the east. Tom Heidrick (Caltex) moderated a facultative informal discussion on western Indonesia tectonostratigraphy in the late afternoon of the first day. On the second day, Simon Lang (Queensland University of Technology) led a similar discussion on Kalimantan syntectonic sedimentary style.

There were 9 exhibition booths opened by geological book publishers, and international and local geology-related organizations, to promote their activities and display their publications. Most of the books displayed during the seminar were

donated to local universities afterwards.

A one-day field course on sequence stratigraphy application on outcrop was organized on March 17, led by Dr. Henry Posamentier (ARCO) and Prof. Soejono Martodjojo (ITB). During this field course, about 30 participants had the chance

to discuss the Bayah Formation in Pasir Bongkok, Sukabumi (West Java) in detail. Most participants proactively shared their own experience, which resulted in a lively discussion in the field.

> Herman Darman, Bandung.

#### SIXTH IAS SPECIAL LECTURE TOUR

fter the very successful Special Lecture Tours of Robin Bathurst (1992), John Crowell (1993/94), Emiliano Mutti (1996), Gerhard Einsele (1997), and Harold Reading (1999), we are now happy to announce that Prof. Robert N. (Bob) Ginsburg has agreed to be our Special Lecturer for the year 2000.

Prof. Ginsburg is well known for his pioneering work in carbonate sedimentology, for his commitment to the survival of coral reefs, and for his outstanding qualities as a teacher. In addition to many other awards, he has received the Sorby Medal from the International Association of Sedimentologists in 1998 (see Sedimentology 46, 201-203).

He proposes the following lecture themes:

- 1) Coral reefs are cities under the sea (public lecture): Functional analogies of cities and reefs are used to introduce reef builders and dwellers to audiences of all ages.
- 2) Vices and virtues of geological controversies: the stromatolite example (general lecture for geologists): Are controversies the lifeblood of science or do they impede progress by forcing scientists to take fixed positions?

- 3) Coexistence and succession of siliciclastic and calcareous deposits in the Belize barrier reef lagoon and in fossil examples (sedimentary geology lecture): Carbonates and siliciclastics are too often considered separate systems, yet there are numerous examples of peaceful coexistence and dependent succession.
- 4) New insights on deposition, diagenesis, and anatomy of the Great Bahama Bank (sedimentary geology lectures):
- a: The Holocene facies as guides to the interpretation of ancient carbonates: Holocene sediment formation and distribution.
- b: The Neogene evolution of Great Bahama Bank: anatomy during a period of fluctuations of sea level.

These lectures can be amplified by round-table discussions and supplemented with local field trips.

Sedimentology groups and institutes interested in receiving Prof. Ginsburg should apply as soon as possible, but not later than September 1st, 1999, indicating the preferred time for the visit, and the preferred themes. A travel plan will then be established. Priority will be given to institutions in countries that normally don't have the means to invite foreign lecturers, and to countries in Asia, South and Central

America, and Eastern Europe not yet visited by previous Special Lecturers.

The IAS finances travel expenses to and from the visited country, but local expenses for food and lodging as well as for local field trips must be paid by the host institutions.

For applications, please write to:

André Strasser, General Secretary IAS, Institut de Géologie, Pérolles, CH-1700 Fribourg, Switzerland, Fax +41 26 300 97 42, E-mail: andreas.strasser@unifr.ch

#### FIELD EXCURSIONS IN SOUTH CHINA

1. Paleozoic to Triassic biostratigraphy mainly of neritic facies in Guizhou Province (sponsored by the National Nature Science Foundation of China).

Dates: August 31 - September 6 Estimated cost: US\$ 630 Minimum participants: 15 persons

Guizhou Province is the constituting part of the Yunnan-Guizhou Platform and the hinterland of southwestern China. The Precambrian to are well Lower Silurian strata developed and exposed in the northern and eastern parts of the province, whereas the Upper Paleozoic strata from Devonian to Permian and the marine Triassic occur mainly in the central and southern parts of the province and are mostly composed of carbonate rocks. Participants who are interested in reefs, biostratigraphy mainly of neritic facies, events, and sequence stratigraphy will visit many reference sections of Paleozoic to Triassic strata and some well-known fossil localities and reef complexes.

Guiyang, the capital city of the province is a modern city provided with an international airport, where the participants can take the daily international airlines to and from every corner of the world via Hongkong.

2. Stratigraphy and Paleobiology in Devonian reef complexes and in the Lower Carboniferous of Guilin, Guanxi Autonomous Region of Zhuang (mainly sponsored by the International Symposium on Fossil Cnidaria and Porifera).

Dates: September 7-11 Estimated costs: US\$ 475 Minimum participants: 15 persons

Guilin, well known as a tourist city, is situated in the northeastern part of Guangxi Autonomous Region of Zhuang in South China. The hills surrounding the city are generally less than 500 m above sea level and mainly constituted of Devonian and Lower Carboniferous limestones. Between them are low and wide valleys mostly covered by Quaternary deposits.

Outcrops along river sides and road cuts display Devonian and Lower Carboniferous mudstones and siliceous rocks of fore-reef slope and inter-platform facies with pelagic taxa. Participants interested in biostratigraphy, reefs, events, cyclicity, and sequence stratigraphy will visit many sites where the Devonian reef complexes are exposed, the Global Devonian-Carboniferous Boundary Auxiliary Stratotype at Nanbian Cun, and the Lower Carboniferous reference section in Guilin. As a modern city, Guilin has an international airport with daily flights to and from every corner of the world via Hongkong.

Your participation will be important and is most welcome. Please write to the following address:

Professor Yu Chang Min, No. 39 Beijing Dong Road, 210008 Nanjing, China, e-mail: yucm@pub.jlonline.com

#### MEETING OF THE ITALIAN SEDIMENTOLOGY GROUP

ates and venue: Sunday 3rd (registration and opening) to Wednesday 6th of October, 1999. Rimini (Italy), Palazzina Congressi located at Marina Centro.

The meeting will include two days for thematic sessions, one full-day field trip, one poster session (posters will be held three days including two hours for poster presentation), and the usual annual assembly of the Group.

Emiliano Mutti will organize the first thematic session (October 4th) on: "Fluvio-deltaic and turbidite systems: interactions among climate, tectonics and sedimentation; high-resolution stratigraphy".

The second thematic session, on October 5th, will be organized by Gianmarco Di Dio and Fabio Trincardi on: "Physical stratigraphy in alluvial plain, coastal and shelf areas: a contribution to applied studies in the field of hydrogeology and assessment of geological hazards".

The poster session is open to any author willing to present new results of his research (even in a preliminary and informal way). For this reason, the poster session, organized by Renzo Valloni, is open, has no specific theme and no preferred relation with the subjects discussed in the two thematic sections.

The field trip, organized by Marco Roveri, will consist of a visit to Neogene and Quaternary successions in the Marecchia Valley, with particular attention given to gravitational instability of any scale.

More and updated information about the meeting can be found on the homepage of the Italian Sedimentology Group (http://gis.igm.bo.cnr.it).

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## THE NON-STEADY STATE OF THE INNER SHELF AND SHORELINE

#### Coastal change on the time scale of decades to millennia

A scientific research conference will be held on November 9-12, 1999, at the University of Hawaii, Honolulu.

The nature of coastal change over the time frame of decades to millennia, a period that is highly relevant to human concerns, is poorly understood. What is the repeatability of states of change on the interdecadal scale? What are the temporal and spatial characteristics of processes that link the shoreline to the inner shelf on the century to millennial scale? Which of these nested time scales is responsible for the fate of coastal sediments, and the character of the shoreline at any moment? An improved ability to answer these, and other questions, is critically valuable to resource managers, coastal planners, and the science community seeking to develop predictive models of shoreline morphodynamics and hazardous processes. Additionally, the coastal record of global change events is particularly well-preserved and is a necessary component for testing global circulation models and separating natural change from anthropogenic influences.

The University of Hawaii, School of Ocean and Earth Science and Technology, IGCP #437 "Coastal Environmental Change During Sea-Level Highstands," and conference sponsors, are pleased to announce a research conference on COASTAL CHANGE (on the scale of decades to millennia). Research presentations are invited on aspects of:

- Changes in sea-level over the late Quaternary;
- Processes of coastal sediment production, exchange, storage and bypassing;
- Coastal evolution;
- Patterns and records of reef accretion and change;
- Coastal environmental geochemical and geophysical processes and records;
- Coastal atmospheric, oceanographic, and tectonic events and histories;
- Coastal change and human interaction.

Keynote Presentations will be given by:

Richard Fairbanks: Transitions between states of global change; Larry Edwards: Geochronology of interglacial shorelines;

Kelvin Berryman: Tectonic imprints on coastal records:

Richard Peltier: Global glacial isostasy and coastal evolution; Colin Woodroffe: Morphodynamic response of shorelines to interglacials;
Paul Hearty: The Antarctic "Wild Card" during late Quaternary sea-level highstands.

A special volume (or issue) of original research papers is planned. Participants will be asked to indicate their willingness to prepare and submit a full manuscript, following the meeting, to be considered for publication.

Interested parties may obtain a copy of the first circular by replying to: coastal@soest.hawaii.edu (with your mailing address.)

Janet Kwak,
University of Hawaii, Department of
Geology and Geophysics,
1680 East West Rd., POST 701,
Honolulu, HI 96822, U.S.A.,
Tel. + 1 808 956 2363,
Fax + 1 808 956 5512,
E-mail: coastal@soest.hawaii.edu

## FUNDS OF THE BRITISH SEDIMENTOLOGICAL RESEARCH GROUP

BSRG is an informal grouping of any and all sedimentologists in the British Isles, as well as co-workers in several European countries. It is an affiliated group of the Geological Society, and has informal links with IAS (International Association of Sedimentologists) and with SEPM (Society for Sedimentary Geology).

The elected committee of BSRG facilitates the organisation of meetings and workshops, including the AGM normally in December, and special sessions at the Geological Society biennial meetings. It also aims to be a

focus for the sedimentological community in the UK.

The Steve Farrell and Gill Harwood Funds: Apply by January 31st, 2000.

Gregory D. Price,
Department of Geological Sciences,
University of Plymouth,
Plymouth, PL4 8AA, U.K.,
Tel. +44 1752 233 119,
Fax +44 1752 233 117,
E-mail: g.price@plymouth.ac.uk

#### SEDIMENTARY BASINS OF MOROCCO

he Special Volume containing selected papers from the 13th Colloquium on the Sedimentary Basins of Morocco and neighbouring regions is now out of press. This impressive volume is to be sold to contributing institutions and authors at the discount price of 500 FF.

Please place your orders directly to the publishers at the address

below. Only a limited number of copies are available at the discount rate, so do not delay action.

Rock View International, 10, rue Vandrezanne, 75013 Paris, France, Tel. +33 1 45 80 51 61, Fax +33 1 45 80 92 09, E-mail: geoscafr@worldnet.fr

#### CALENDAR

### SEMINAR ON THE COASTAL ZONE OF THE ALENTEJO

June 17-19, 1999 PORTUGAL (Sines)

Contact: Associação Eurocoast - Portugal, Instituto de Hidráulica e Recursos Hídricos, Faculdade de Engenharia do Porto, Rua dos Braga,

4099 Porto Codex, Portugal. Tel: +351 220 50 870

Fax: +351 220 59 280

#### ICHNOFABRICS IN PETROLEUM GEOLOGY 1999

July 12-14, 1999 SCOTLAND (Aberdeen) Contact 1: Stuart G Buck, Mark J. F. Lawrence, Z&S Geology Ltd., Campus 2, Aberdeen Science and Technology Park, Balgownie Drive, Bridge of Don, Aberdeen.

AB22 8GU, U.K.
Tel: +44 122 48 22 555
Fax: +44 122 48 23 777
E-mail: stuart,buck@zands.com

or: mark.lawrence@zands.com

Contact 2: Nigel H. Trewin, Department of Geology & Petroleum Geology, Meston Building, King's College University of Aberdeen, Aberdeen,

AB24 3UE, U.K.

Tel: +44 122 42 73 448 Fax: +44 122 42 72 785

E-mail: n.trewin@geol.abdn.co.uk

#### THE BATHURST MEETING

July 12-15, 1999

UNITED KINGDOM (Cambridge)

Contact: Dr. J.A.D. Dickson, Dept. of Earth Sciences, University of Cambridge, Downing

St., Cambridge, CB2 3EQ, U.K. Tel: +44 122 33 33 400

Fax: +44 122 33 33 450 E-mail: jadd1@esc.cam.ac.uk

First circular and registration available trough

Web site:

http://www.campublic.co.uk/science/

conference/bathurst

### 5TH INTERNATIONAL ICHNOFABRIC WORKSHOP AND FIELD SEMINAR

July 15-20, 1999

ENGLAND (Manchester)

Contact: John Pollard, Department of Earth

Sciences, University of Manchester,

Manchester, M13 9PL, U.K. Tel: +44 161 27 53 817

Fax: +44 161 27 53 947

E-mail; john.pollard@man.ac.uk

#### IAMG'99 5TH ANNUAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF MATHEMATICAL GEOLOGISTS

August 6-11, 1999
NORWAY (Trondheim)
Contact: Stephen Lippard,
Department of Geology and Mineral
Resources Engineering,
Norwegian University of Science and
Technology (NTNU),
7034 Trondheim, Norway.

Tel: +47 73 59 48 28
Fax: +47 73 59 48 14
F. mail: incre99@gen.

E-mail: iamg99@geo.ntnu.no

Web site:

http://www.geo.ntnu.no/igb/iamg99/

#### 19TH REGIONAL EUROPEAN MEETING OF SEDIMENTOLOGY

August 24-26, 1999

DENMARK (Copenhagen)

Contact: Conventum Congress Service, Carit Etlarsvej 3, DK-1814 Frederiksberg C, Denmark.

Tel: +45 31 31 08 47 Fax: +45 31 31 63 99

or Lars B. Clemmensen, Geological Institute,

Øster Voldgade 10,

DK-1350 Copenhagen K, Denmark.

Tel: +45 35 32 24 49

E-mail: larsc@geo.geol.ku.dk

#### BSRG/BGRG JOINT FIELD MEETING ALMERIA PROVINCE, SE SPAIN

September 2-9, 1999

SPAIN (Cortijo Urra field centre, Sorbas)

Contact: Dr. Anne Mather Dept. of Geographical Sciences, University of Plymouth, U.K. E-mail: amather@plymouth.ac.uk

nr.

Dr. Martin Stokes

Dept. of Geological Sciences, University of Plymouth, U.K.

E-mail: mlstokes@plymouth.ac.uk

BIOGEO-IMAGES 99 – IMAGE ANALYSIS AND MORPHOMETRY OF GEOLOGICAL OBJECTS: FROM FOSSILS TO ROCK FORMING FEATURES

September 6-9, 1999
FRANCE (Dijon)
Contact: E.P. Verrecchia,
U.M.R. 5561 C.N.R.S. Biogéosciences,
Université de Bourgogne,
6, Boulevard Gabriel,
21000 Dijon, France.

Tel: +33 380 39 63 72 Fax: +33 380 39 63 87

E-mail: everrecc@u-bourgogne.fr

Web site: http://www.u-

bourgogne.fr/BIOGEOSCIENCE/eric.html

#### INTERNATIONAL SYMPOSIUM ON EVAPORITES AND CARBONATE-EVAPORITE TRANSITIONS

September 7-13, 1999 UKRAINE (Lviv)

Contact: E. Khmelevska, Institute of Geology and Geochemistry of Combustible Minerals, Naukova st., 3a, 290053, Lviv,

Ukraine,

Fax: 00380 322 63 22 09 E-mail: igggk@ah.ipm.lviv.ua

#### CARPATHIAN FOREDEEP BASIN: ITS EVOLUTION AND MINERAL RESOURCES

September 7-18, 1999 POLAND (Krakow) Contact: Piotr Krzywiec,

Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland.

Tel: +48 22 49 51 82 Fax: +48 22 49 53 42

E-mail: krzywiec@pgi.waw.pl

### 14TH ARGENTINE GEOLOGICAL CONGRESS

September 19-24, 1999
ARGENTINA (Salta)
Contact: G. Gonzalez-Bonorino,
Geologia, Universidad Nacional de Salta,
Salta (4400), Argentina.

Fax: +54 87 25 54 83
E-mail: xivega@ciunsa.edu.ar

Web site:

http://www.unsa.edu.ar/eventos/xivcga

### 5TH INTERNATIONAL CONGRESS ON RUDISTS

ON RUDISTS
September 26-30, 1999
Post-conference excursion to the Alps:
October 1-6, 1999
GERMANY (Erlangen)
Contact: Richard Höfling,
Institut für Paläontologie,
Universität Erlangen-Nürnberg,
Loewenichstrasse 28,
D-91054 Erlangen, Germany.
Tel: +49 91 31 85 22 710

Fax: +49 91 31 85 22 690 E-mail: richie@pal.pal.uni-erlangen.de

#### PALEOCEANOLOGY OF REEFS AND CARBONATE PLATFORMS: MIOCENE TO MODERN

September 27-30, 1999 FRANCE (Aix-en-Provence)

Contact: Gilbert F. Camoin, CEREGE, B.P. 80, F-13545 Aix-en-Provence, cedex 4.

Fax: +33 4 42 97 15 49 E-mail: camoin@cerege.fr

#### ENGINEERING GEOLOGY, HYDROGEOLOGY AND NATURAL DISASTERS – WITH EMPHASIS ON ASIA

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September 28-30, 1999
NEPAL (Kathmandu)
Contact: Prof. B.N. Upreti,
Convenor,
International Symposium 1999,
Nepal Geological Society,
P.O. 231, Kathmandu, Nepal.
Fax: +977 1 41 68 70

E-mail: ngs@wlink.com.np

### MEETING OF THE ITALIAN SEDIMENTOLOGY GROUP

October 3-6, 1999 ITALY (Palazzina Congressi, Rimini) Contact: Dr. Fabio Trincardi, Istituto di Geologia Marina, CNR, Via Gobetti 101, 40129 Bologna, Italy. Tel: +39 51 639 8871

Tel: +39 51 639 8871 Fax: +39 51 639 8940

E-mail: fabio@albatros.igm.bo.cnr.it

# 16TH CONVENTION: INDIAN ASSOCIATION OF SEDIMENTOLOGISTS AND JAMMUKASHMIR FIELD TRIP

October 4-9, 1999
INDIA (Jammu)
Contact: G.M. Bhatt,
PG Department of Geology,
University of Jammu,
Jammu 180 006, India.
Tel: +91 191 45 29 87

Fax: +91 191 45 00 14 / 43 27 15 E-mail: elkayem@hotmail.com or: hep@nde.vspl.net.in

#### 4TH INTERNATIONAL CONFERENCE ON ASIAN MARINE GEOLOGY ASIAN MARINE GEOLOGY IN THE 21ST CENTURY

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October 10-14, 1999 CHINA (Qingdao) Contact: Mr Ji-chun Zhu Institute of Oceanology, CAS 7 Nanhai Road Qingdao 266071, China. Tel: +81 532 28 70 672

Fax: +81 532 28 70 882 E-mail: zhujc@ms.qdio.ac.cn

Or.

Yoshiki Saito Marine Geology Department, Geological Survey of Japan, Higashi 1-1-3, Tsukuba,

Ibaraki 305-8567, Japan. Tel: + 81 298 54 37 72 Fax: + 81 298 54 35 33 E-mail: yoshi@gsj.go.jp

#### SEMINAR ON THE ESTUARIES OF PORTUGAL AND THE PLANS OF THE HYDROLOGICAL BASINS

October 13-15, 1999
PORTUGAL (Laboratório Nacional de Engenharia Civil, Lisboa)
Contact: Associação Eurocoast -- Portugal, Instituto de Hidráulica e Recursos Hídricos, Faculdade de Engenharia do Porto, Rua dos Braga, 4099 Porto Codex, Portugal.

Tel: +351 220 50 870 Fax: +351 220 59 280

### THE NON-STEADY STATE OF THE INNER SHELF AND SHORELINE

November 9-12, 1999 HAWAII, U.S.A. (Honolulu) Contact: Janet Kwak, University of Hawaii, Department of Geology and Geophysics, 1680 East West Rd., POST 701, Honolulu, HI 96822, U.S.A. Tel: +1 808 956 23 63

Fax: +1 808 956 55 12 E-mail: coastal@soest.hawaii.edu

### 7ÈME CONGRÈS FRANÇAIS DE SÉDIMENTOLOGIE

November 15-17, 1999
FRANCE (Palais des Congès, Nancy)
Contact: Jean François Deconinck,
Laboratoire de Sédimentologie et
Géodynamique,
URA CNRS 719, Université de Lille 1,

Sciences de la Terre,
59655 Villeneuve d'Asca Cedex, France.

Tel: +33 20 43 41 45 Fax: +33 20 43 49 10

E-mail: jean-francois.deconinck@univ-

lille1.fr

# 38TH BSRG AGM December 19-21, 1999 U.K. (Edinburgh) Contact Dr. Mark Wilkinson

Contact: Dr. Mark Wilkinson
or: Dr. Stuart Haszeldine,
Department of Geology and Geophysics,
University of Edinburgh, U.K.
E-mail: mark.wilkinson@glg.ed.ac.uk
or: stuart.haszeldine@glg.ed.ac.uk

INTERNATIONAL HANNS BRUNO GEINITZ SYMPOSIUM (History of Geosciences, Regional Geology, Biostratigraphy and

Paleontology in Central Europe)
January 28-30, 2000

GERMANY (Dresden)
Contact: Ulf Linnemann

Staatliches Museum für Mineralogie und

Geologie Dresden,

Königsbrücker Landstrasse 159, D-01109 Dresden, Germany.

Tel: +49 351 892 64 03 Fax: +49 351 892 64 04 E-mail: mmg@sik.de

Web-page: http://www.sik.de/mmg/

# 2ND LATIN AMERICAN SEDIMENTOLOGICAL CONGRESS 8TH ARGENTINIAN MEETING OF SEDIMENTOLOGY

March 14-17, 2000

ARGENTINA (Mar del Piata)

Contact: Centro de Investigaciones

Geológicas,

Facultad de Ciencias Naturales y Museo,

Universidad Nacional de La Plata.

Calle 1 Nº 644,

1900, La Plata, Argentina.

Tel: +54 21 21 56 77 Fax: +54 21 25 86 96

E-mail: latinsed@cig.museo.unlp.edu.ar

Web site:

http://cig.museo.unip.edu.ar/congreso/

### FOURTH CONGRESS ON THE TERTIARY OF SPAIN

September 19-21, 2000 SPAIN (Tremp, Lleida)

Contact: Dr. E. Remacha or Dr. E. Maestro, Dept. de Geologia (Unitat d'Estratigrafia), Universitat Autònoma de Barcelona, 08193 Bellaterra (Barcelona), Spain.

Tel: +34 935 81.16 03 or 10 85

Fax: +34 935 81 12 63

Web-page:

http://www.catalunya.net/gettremp2000