

INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS

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WORLD NEWS

CANADA (from Andy Baillie)

Dr. Wolfgang Krebs, Professor of Geology, University of Braunschweig, was this year's Visiting Professor at the University of Calgary. Dr. Krebs, well-known for his work on European Devonian reefs, conducted two seminars for members of the Canadian Society of Petroleum Geologists on (1) Comparative Anatomy of Western Canadian and Central European Carbonate Complexes, and (2) Geology of European Stratabound Lead-Zinc-Copper Deposits.

The Past-President's Medal, a Geological Association of Canada award, is awarded annually to a scientist who has made a significant contribution to earth science in Canada during that year. The first two recipients of this award for excellence were sedimentologists, Paul Hoffman, 1974, and Roger Walker, 1975.

Dr. R.G. Walker, McMaster University, is writing and editing a series of articles on Facies Models for Geoscience Canada. The intention of the series is to review specific sedimentological environments for the non-specialist who "needs to be aware of environmental interpretation and prediction".

The first two papers in the series have been published in the February 1976 issue, Vol. 3, No.1, and are entitled: (1) General Introduction, and (2) Turbidites and Associated Clastic Deposits.

FUTURE MEETINGS

The I.A.S. is sponsoring a symposium to be held in Copenhagen, Denmark on 12th August 1977, in conjunction with the International Limnological Congress.

MODERN AND ANCIENT LAKE SEDIMENTS

During the past few years Earth Scientists have been taking an increasing interest in lakes. This is due to the fact that lakes occur in a wide range of climatic and structural settings and are frequently subjected to rapid environmental changes, resulting in a bewildering diversity of lithologies and mineralogies. With modern lakes it has also resulted from a need to understand the hydrodynamics of sediment and water movement, in connection with siltation, pollution and conservation problems. Owing to their generally small size, the sedimentological and geochemical processes are relatively easy to control and lake basins are therefore ideal natural sedimentation laboratories. Studies on almost every kind of lake have been or are being undertaken including glacial and alpine lakes, ephemeral playa lakes and lakes in rift grabens. There has also been a simultaneous renewal of interest in ancient lacustrine deposits which can now be more easily interpreted in the light of studies on recent lakes. Studies on ancient lakes also promise to throw new light on economically important aspects such as the origin of oil shales and iron ores.

Although important results have been published, many studies are underway and many of us have felt the need for a get-together to discuss our results with other workers actively engaged in the same field. Moreover, few of us have had the chance of working on both modern and ancient lakes and we could therefore greatly profit from a meeting with exchanges of ideas and experience.

It was therefore suggested to the International Association of Sedimentologists that a special symposium be organized on the geological, geophysical and geochemical investigations of modern and ancient lakes, with special emphasis on sedimentology. This proposal was approved by the Council. It was then suggested that the symposium be held in Copenhagen on August 12, 1977, during the International Limnological Congress in order to promote interdisciplinary cooperation. The Organizing Committee of the Int. Limn. Congress has consented, pointing out that such a coordination would be most welcomed by the members of their Society.

It is our tentative plan to hold a one day or perhaps a 1½ day session. We expect about 15 invited speakers with talks lasting about 20 minutes. Additional workshop and informal discussions can be arranged.

The proceedings of the symposium will be published by the I.A.S. as Special Publication No.2. All speakers must have their final manuscript with the editors of the symposium volume on or before August 12, 1977. In order to ensure publication of the symposium volume within a

year, we will not be able to wait for any contributor who cannot have his manuscript ready in time. If insufficient papers are ready for the Special Publication on August 12, 1977, those who were able to finish their manuscript in time, will have them considered for publication in the journal *Sedimentology*, either as individual papers or as part of a special issue.

We are planning to balance the programme between modern and ancient lakes as follows:

- (1) Introduction.
- (2) Modern lakes, including papers on glacial lakes, lake turbidites and chemical sedimentation in lakes of arid and temperate - humid climates.
- (3) Sedimentology and geochemistry of ancient lake sediments with emphasis on the sedimentary, structural and climatic environment in which the rocks were deposited.

Those who are interested in participation are urged to write to Maurice E. Tucker, so that they will receive second and third circulars and forms for hotel reservations.

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January 29, 1977

Tallahassee, Florida

Developments in Coastal Sedimentology

A one day meeting similar to that held in 1974 from which the book entitled "Sediment Transport in the Near-shore zone" emerged (see under BOOKS AND JOURNALS). Fee including symposium volume, US \$20. Details from W.F. Tanner, Coastal Studies Group, Geology Department, Florida State University, Tallahassee, Florida 32306, U.S.A.

March 27-31 1977

Wolfenbüttel, West Germany

III International Symposium on Environmental Biogeochemistry

The main subjects will be the biogeochemistry of defined micro-environments in aquatic and terrestrial systems, their relation to global cycles of elements, including energy fluxes, rate aspects, weathering, diagenesis, remineralization, mineral-organic interactions, man's impact. Details from W.E. Krumbein, FB IV, Universität Oldenburg, Postfach 943, D-2900 Oldenburg, W. Germany.

BOOKS AND JOURNALS

Canadian Society of Petroleum Geologists Memoir IV, 1975

Canada's Continental Margins. Ed. C.J. Yorath, E.R. Parker & D.J. Glass.

This is the product of two symposia held in Canada during 1974: an "Offshore" symposium held in St. John's, Newfoundland organized by the Geological Association of Canada, and one held in Calgary on Canada's Continental Margins. The memoir contains fifty papers on continental margin sedimentation incorporating material resulting from offshore exploration. Available from: Stacs Data Services Ltd., 801 - 10th Avenue South-west, CALGARY, Alberta, Canada. T2R 0B4. Price: \$15.00 for Members, \$19.00 for Non-Members plus postage and handling charges.

"Coastal Research"

An interdisciplinary publication of some 20-25 pages published three times annually, containing newsletter information and short research reports. Subscriptions are US \$3 per year in U.S. and Canada, US \$4 elsewhere. Make out cheques to "Coastal Research Notes (note the difference) and mail to: Dr. V.J. Henry, Skidaway Institute of Oceanography, Savannah, Georgia 31406, U.S.A. Material for "Coastal Research" should be submitted to Dr. W.F. Tanner, Geology Department, Florida State University, Tallahassee, Fla. 32306, U.S.A.

"Sediment Transport in the Near-shore Zone"

Proceedings of a meeting held in 1974 at Tallahassee, Florida. The 147 page book contains the full WAVENRG computer programme (1973 version), plus articles dealing with the programme, its output and related subjects. Available from: Dr. W.F. Tanner, Department of Geology, Florida State University, Tallahassee, Florida 32306. Cost US \$20 from U.S. & Canada, US \$23 from elsewhere. Make out cheques to Geology Department.

La Préhistoire Française et Etudes Quaternaires

As a result of the IX^e Congrès de l'Union Internationale des Sciences Préhistoriques et Protohistoriques (UISPP) to be held in France in September 1976 a 2 volume publication will appear "The Paleolithic and Mesolithic Cultures of France (1300 pages: F.115) and "The Neolithic and protohistoric Cultures of France" (900 pages: F.90) with papers on quaternary glaciation, fluvial and alluvial deposits and processes, shorelines, lacustrine deposits, volcanism, submarine sedimentation, climatic fluctuations and palaeomagnetism.

"Quaternary Studies" publishes a series of memoirs of which Memoir No.3 "The Quaternary of south-eastern France" and Memoir No.4 "Climatology and Chronology of the Palaeolithic in Perigord" are of particular interest to sedimentologists. Prices are F.150 and F.170 respectively.

Full details of contents can be obtained from and orders should be sent to DIFFUSION OPHRYS 10, rue de Nesle, 75006, Paris.

H.G. Reading