Meetings

International Association
of Sedimentologists

Eleventh International Congress on Sedimentology

McMaster University Hamilton,Ontario, Canada

August 22-27, 1982

Scientific Program

A main objective of the Congress will be to hold a series of technical sessions on a broad range of sedimentological topics. Many of these will deal with subjects that have long been of sedimentological concern. Others will be interdisciplinary in nature and will concentrate on applications of sedimentology in related fields such as environmental geology, archeology, Quaternary geology, and exploration for petroleum, tar sands, or ore deposits. (Some of these sessions will be co-sponsored by organizations other than I.A.S.). Additional sessions will include discussions on the application of geochemical, mathematical and seismic methods (among others) to sedimentological problems. The list of technical sessions is given below, and it will be seen that sedimentology has become a broad and complex science.

Themes:

1. Archean Sedimentology: F.H.A. Campbell (Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8), K. Eriksson (Programs in Geoscience, The University of Texas at Dallas, Box 688, Richardson, Texas).
2. Sedimentology of Siltstone and Mudstone: R. Hesse (Department of Geological Sciences, McGill University, 3450 University Street, Montreal, Quebec H3A 2A7), E. Azmon (Department of Geology and Mineralogy, Ben Gurion University of the Negev, Beer Sheva 84 120, P.O. Box 653, Israel).
3. Deposition and Diagenesis of Evaporites: P.E. Schenk (Department of Geology, Dalhousie University, Halifax, Nova Scotia B3H 3J5), B.C. Schreiber (Department of Earth and Environmental Sciences, Queens College, City University of New York, Flushing, New York 11367).
4. Weathering, Soils and the Sedimentary Cycle: L. Evans (Department of Land Resource Science, University of Guelph, Guelph, Ontario N1G 2W1), M. Robert (Laboratoire des Sols, Centre National de Recherches Agronomiques, Etoile de Choisy, Route de Saint-Cyr, 78000 Versailles, France).
5. Deep Burial Diagenesis and Maturation of Organic Matter: T.G. Powell (Geological Survey of Canada, 3303 33rd. Street N.W., Calgary, Alberta T2L 2A7), H. Füchtbauer (Institut fur Geologie,, Ruhr-Universitat Bochum, Postfach 102148, 4630 Bochum 1, West Germany).
6. Low Temperature Geochemistry: J. Veizer (Department of Geology, University of Ottawa, Ottawa, Ontario K1N 6N5), E. Usdowski (Sedimentpetrographisches Institut, Universitat Gottingen, V.M. Goldschmidt-Strasse 1, D-34 Gottingen, West Germany).
7. Sedimentary Ore Deposits,: R.W. Macqueen (Department of Earth Sciences, University of Waterloo, Waterloo, Ontario N2L 3G1), W. Krebs (Institut fur Geologie und Palaontologie, Technische Universitat Braunschweig, Postfach 7050, 3300 Braunschweig, West Germany).
8. Geomorphology of Depositional Landforms: B. McCann (Department of Geography, McMaster University, Hamilton, Ontario L8S 4K1), V.R. Baker (Department of Geological Sciences, University of Texas, P.O. Box 7909, Austin, Texas 78712).
9. Effects of Organisms on Sedimentary Models: M. Risk (Department of Geology, McMaster University, Hamilton, Ontario L8S 4M1), M. Tevesz (Department of Geological Sciences, Cleveland State University, Cleveland, Ohio 44115), C.L. Monty (Laboratoire de Paleontologie animale, Université de Liège, 7, Place du Vingt Août, B-4000 Liège, Belgium). Co-sponsored by Paleontological Society and Society of Economic Paleontologists and Mineralogists.
10. Environmental Sedimentology: D. Buckley (Geological Survey of Canada, Atlantic Geoscience Centre, P.O. Box 1006, Dartmouth, Nova Scotia B2Y 4A2), G.P. Allen (Compagnie Française des Pétroles, 114, cour du Maréchal Gallieni, 33404 Talence, France).
11. Sedimentology and Plate Tectonics: A.D. Miall (Department of Geology, University of Toronto, Toronto, Ontario M5S 1A1), H.G. Reading (Department of Geology, Parks Road, Oxford, England 0X1 3PR).
12. Basin Analysis: Principles and Applications: L. Jansa (Geological Survey of Canada, Atlantic Geoscience Centre, P.O. Box 1006, Dartmouth, Nova Scotia B2Y 4A2), P.F. Burollet (Compagnie Françoise des Pétroles, 39 à 43, Quai André Citroen, 75739 Paris Cedex 15, France).
13. Deep Sea Sediments: R. Cranston (Geological Survey of Canada, Atlantic Geoscience Centre. P.O. Box 1006, Dartmouth, Nova Scotia B2Y 4A2), L. Carter (New Zealand Oceanographic Institute, P.O. Box 12-346, Wellington North, New Zealand).

Symposia:

14. Rudites formed by Unidirectional Flow: E.H. Koster (Research Council of Alberta, 11315 87th. Avenue, Edmonton, Alberta T6G 2C2), R. Steel (Geologisk Institutt, Universitetet i Bergen, Allegt. 41, 5014 Bergen, Norway).
15. Coal and Coal-Bearing Sequences: R. Rahmani (Research Council of Alberta, 11315 87th. Avenue, Edmonton, Alberta T6G 2C2), T.A. Ryer (U.S. Geological Survey, Denver Federal Center, Box 25046, Denver, Colorado 80225).
16. Eolian Sediments and Processes: M. Brookfield (Department of Land Resource Science, University of Guelph, Guelph, Ontario N1G 2W1), T. Ahlbrandt (MRO Associates, Equitable Building, 730 17th. Street, Suite 530, Denver, Colorado 80202). Co-sponsored by SEPM.
17. Dynamics of Large Sandy Bedforms and Bars: R.W. Dalrymple (Department of Geological Sciences, Queens University, Kingston, Ontario K7L 3N6), S.D. Nio (Comparative Sedimentology Research Group, State University of Utrecht, Budapestlaan 4, P.O. Box 80.021, 3508 TA Utrecht, Netherlands). Co-sponsored by SANDS.

18. Sedimentation in a Cold (Non-Glacial) Climate: H. French (Department of Geography, University of Ottawa, Ottawa, Ontario K1N 6N5).

19. Glacial Marine Sedimentation: G.H. Eisbacher (Geological Survey of Canada, 100 West Pender Street, Vancouver, British Columbia V6B 1R8), M. Deynoux (Laboratoire de Pedologie et de Géochimie, Université Paul Sabatier, 38, Rue des Trente-six Ponts, 31078 Toulouse Cedex, France).

20. Behaviour of Glaciers as Deduced from Till Facies: N. Rutter (Department of Geology, University of Alberta, Edmonton, Alberta T6G 2E1).

21. Interpretation of Grain Size Distributions: G. Ashley (Department of Geoscience, Rutgers College, New Brunswick, New Jersey 08903), S. Sengupta (Indian Statistical Institute, 203, Barrackpore Trunk Road, Calcutta 700035, India).

22. Sandstone Petrology as an Indicator of Paleoclimate, Provenance and Dispersal: L. Suttner (Department of Geology, Indiana University, Bloomington, Indiana 47401), H. Okada (Institute of Geosciences, Shizuoka University, Shizuoka, 422, Japan).

23. Sedimentology and Geochemistry of Oil Sands and Oil Shales: G. Mossop (Research Council of Alberta, 11315 87th. Avenue, Edmonton, Alberta T6G 2C2), N.G. Munoz (Escoela de Geologia, Facultad de ingenieria, Universidad central de Venezuela, Apartado 50926, Caracas 105, Venezuela).

24. Nearshore, Shelf and Slope Dynamics and Sedimentation: D.B. Bornhold (Geological Survey of Canada, Pacific Geoscience Centre, 9860 West Saanich Road, P.O. Box 6000, Sidney, British Columbia V8L 4B2), A. Guilcher (Université de Bretagne occidentale, Département de Géographie, B.P. 860, 29279 Brest Cedex, France), D.J.P. Swift (National Oceanic and Atmospheric Administration, 15 Rickenbacker Causeway, Miami, Florida 33149). Co-sponsored by SEPM, and SANDS.

25. Coastal Environments Dominated by Waves: B. Greenwood (Department of Geography, Scarborough College, University of Toronto, Toronto, Ontario M5S 1A1), H.-E. Reineck, Senckenberg Institut, Schleusenstrasse 39A, 2940 Wilhelmshaven, West Germany), R.A. Davis (Department of Geology, University of South Florida, Tampa, Florida 33620). Co-sponsored by SEPM.

26. Sedimentology of Fiords: J.P. Syvitski (Geological Survey of Canada, Atlantic Geoscience Centre, P.O. Box 1006, Dartmouth, Nova Scotia B2Y 4A2), J. Thiede (Institutt for Geologi, Universitetet i Oslo, Postboks 1047, Blindern, Oslo 3, Norway).

27. Mixed Deposition of Carbonate and Siliciclastic Sediments: I. McIlreath, AGAT Consultants Ltd., 3650 21st. Street N.E., Calgary, Alberta T2E 6V6), R.N. Ginsburg (University of Miami, Fisher Island Station, Miami Beach, Florida 33139).

28. Changes in Carbonate Sedimentation and Diagenesis with Geological Time: N.P. James (Department of Geology, Memorial University, St. John's Newfoundland A1B 3X5), W. Schlager (Comparative Sedimentology Laboratory, University of Miami, Fisher Island Station, Miami Beach, Florida 33139).

29. Precambrian to Permo-Triassic Reefs: E.W. Mountjoy, Department of Geological Sciences, McGill University, 3450 University Street, Montreal, Quebec H3A 2A7), H. Zankl (Institute for Geology and Paleontology, University of Marburg, D 355 Marburg, West Germany).

30. The Effects of Diagenesis on Reservoir Properties: V. Schmidt (Petro-Canada, Box 2844, Calgary, Alberta T2P 2M7), W.E. Galloway (Bureau of Economic Geology, University of Texas, Austin, Texas 78712). Co-sponsored by SEPM.

31. Dolomitization and Dedolomitization: B.H. Purser (Laboratoire de Petrologie Sedimentaire et Petrologie, Université de Paris-sud, Centre d'Orsay, F 91405 Orsay Cedex, France), W. Al-Hashimi (Geological Survey and Mineral Investigation, P.O. Box 986, Alwiya, Baghdad, Iraq), L.S. Land (Department of Geological Sciences, University of Texas, P.O. Box 7909, Austin, Texas 78712). Co-sponsored by SEPM.

32. Stromatolite Correlation: Fact or Fiction?: J.A. Donaldson (Geology Department, Carleton University, Ottawa, Ontario K1S 5B6), P.E. Playford (Geological Survey, Department of Mines, 66 Adelaide Terrace, Perth, Western Australia 6000, Australia).

33. Sedimentology of Large Lakes: R.L. Thomas (Canada Centre for Inland Waters, 867 Lakeshore Road, Burlington, Ontario L7R 4A6), J.-P. Vernet (Section des Sciences de la Terre, Université de Genève, 13, rue des Maraichers, 1211 Genève 4, Switzerland).

34. Geophysical Modelling of Sedimentary Basins: C. Beaumont (Geology Department, Dalhousie University, Halifax, Nova Scotia B3H 3J5), W.C. Pitman (Lamont-Doherty Geological Observatory, Columbia University, Palisades, New York 10964).

35. Geochronology of Recent Deposits: J. Nriagu (Canada Centre for Inland Waters, 867 Lakeshore Road, Burlington, Ontario L7R 4A6), J.A. Robbins (Great Lakes Environmental Research Laboratory, National Oceanic and Atmospheric Administration, 2300 Washtenaw Avenue, Ann Arbor, Michigan 48104).

36. Volcaniclastites: J. Lajoie (Departement de Géologie, Université de Montréal, Montréal, Québec H3T 1J4), H.-U. Schmincke (Institut fur Mineralogie, Ruhr Universitat Bochum, Postfach 102148, D-4630 Bochum 1, West Germany).

37. A. Statistical Facies Analysis: J.M. Cubitt (Poroperm Laboratories Ltd., Chester Street, Saltney, Chester, England CH4 8RD); B. Petrography: the Role of Image Analysis: J.C. Davis (Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66045); C. Mathematical Geology General Session: D.V. Merriam (Department of Geology, Syracuse University, Syracuse, New York 13210. Co-sponsored by International Association for Mathematical Geology.

38. Archeological Sedimentology: B. Gladfelter (Department of Geography, University of Illinois at Chicago Circle, Chicago, Illinois 60680), D.A. Davidson (Department of Geography, University of Strathclyde, 26 Richmond Street, Glasgow G1 1XH, Scotland).

39. Seismic Facies Models: T.L. Davis (Department of Geophysics, Colorado School of Mines, Golden, Colorado 80401), C.R. Porter (Western Mining Corporation Ltd., P.O. Box 409, Unley 5061, South Australia, Australia).

40. General Session.

MARITIME SEDIMENTS donates this notice of the forthcoming International Congress on Sedimentology, and dedicates it to GERARD V. MIDDLETON and his committee for bringing this prestigeous meeting to Canada and for making it possible to have McMaster University serve as our Canadian host establishment.

Editor