COMING EVENTS

Signifies events wholly or partially sponsored by IUGS, one of its Affiliated Associations or joint ventures - the International Geological Correlation Programme (IGCP) or the Inter-Union Commission on the Lithosphere (ICL).

1981

- July 14 - 18, 1981
MOUNTAIN BUILDING SYMPOSIUM, Zurich, Switzerland. (U. Briegel, Geological Institute, ETH-Zentrum, CH-8092 Zurich, Switzerland)
- July 19 - 20, 1981
* **THE LITHOSPHERE PROGRAM (ICL)**, IUGS-IUGS-ICSU, London, Canada. (E.A. Flinn, Geodynamics Program, NASA Headquarters, Code ERG-2, Washington, D.C. 20546, U.S.A.)
- July 21 - 23, 1981
SPATIAL VARIABILITY IN HYDROLOGIC MODELING, (AGU Chapman Conference), Fort Collins, Colorado, U.S.A. (Meetings, AGU, 2000 Florida Ave. NW, Washington, D.C. 20009, U.S.A.)
- July 21 - 30, 1981
INTERNATIONAL ASSOCIATION OF SEISMOLOGY & PHYSICS OF THE EARTH'S INTERIOR, (General Assembly), London, Ontario, Canada. (A.E. Beck, Dept. of Geophysics, University of Western Ontario, London, Ont., Canada N6A 5B7)
- July 27 - 31, 1981
INTERNATIONAL SYMPOSIUM ON ICE and 6th INTERNATIONAL CONFERENCE ON PORT AND OCEAN ENGINEERING UNDER ARCTIC CONDITIONS, Quebec, Canada. (B. Michel, Department of Civil Engineering, Université Laval, Cité Universitaire, Quebec, Canada G1K 7P4)
- August 3 - 6, 1981
IMPLEMENTATION OF COMPUTER PROCEDURES AND STRESS-STRAIN LAWS IN GEOTECHNICAL ENGINEERING, (Symposium), Blacksburg, U.S.A. (C.S. Desai, Dept. of Civil Engineering, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061, U.S.A.)
- August 3 - 15, 1981
INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY, (Conference), Edinburgh, U.K. (B.R. Leaton, Institute of Geological Sciences Geomagnetism Unit, Murchison House, West Mains Road, Edinburgh EH9 3LA, U.K.)
- August 4 - 7, 1981
ENERGY EDUCATION, (International Conference), Providence, R.I., U.S.A. (D.F. Kirwan, 1981 ICEE Conference Chairman, Office of Energy Education, University of Rhode Island, Kingston, Rhode Island 02881, U.S.A.)
- August 7 - 16, 1981
4th INTERNATIONAL CONFERENCE ON BASEMENT TECTONICS, (Conference with field excursions), Oslo, Norway. Major theme: Origin, propagation and significance of basement fractures. (R.H. Gabrielsen, Dept. of Geology, University of Oslo, Box 1047, Blindern, Oslo 3, Norway)
- August 9 - 13, 1981
* **SECOND INTERNATIONAL SYMPOSIUM OF THE CAMBRIAN SYSTEM**, Golden, Colorado, U.S.A. Sponsored by the Cambrian Subcommittee of the IUGS Commission on Stratigraphy, and the U.S. Geological Survey. (The Cambrian Symposium, Paleontology and Stratigraphy Branch, U.S. Geological Survey, Box 25046, Mail Stop 919, Denver Federal Center, Denver, CO 80225, U.S.A.)
- August 9 - 14, 1981
GEOSTATISTICS FOR EXPLORATION AND PRODUCTION PLANNING, (Seminar), Rustenburg, South Africa. (Department of Statistics & Operational Research, University of South Africa, Box 392, Pretoria, 0001, South Africa)
- August 9 - 15, 1981
VARIATIONS IN THE GLOBAL WATER BUDGET, (Symposium), Oxford, England. (F.A. Street, School of Geography, Mansfield Road, Oxford OX1 3TB, England)
- August 9 - 16, 1981
NEW AND RENEWABLE SOURCES OF ENERGY, (NGO forum), Nairobi, Kenya. (To be held at the time of the UN Conference on the same subject). (G. Gallon, Environment Liaison Centre, P.O. Box 72461, Nairobi, Kenya)
- August 10 - 14, 1981
WATER FORUM '81: TECHNICAL STATE OF THE ART, San Francisco, U.S.A. (P.M. Meyers, 509 North Roosevelt Blvd., Apt. D-105, Falls Church, Virginia 22044, U.S.A.)
- August 10 - 16, 1981
DEEP CARBONATE REEFS AND PROCESSES, (Field symposium), St. Croix. (R.F. Dill, West Indies Laboratory, Fairleigh Dickinson University, Box 4010, Christiansted, St. Croix, Virgin Islands, 00820)
- August 12 - 20, 1981
ECONOMIC GUIDELINES FOR EXPLORATION PLANNING, (Series of seminars for senior mineral exploration personnel), Grahamstown, S.A. (R. Mason, Geology Department, Rhodes University, Grahamstown 6140, South Africa)
- August 15 - 25, 1981
INTERNATIONAL UNION OF CRYSTALLOGRAPHY, (12th General Assembly and Congress), Ottawa, Canada. (K. Charbonneau, XII IUCr Congress, National Research Council of Canada, Ottawa, Canada K1A 0R6)
- August 16 - 18, 1981
* **ARCHEAN GEOCHEMISTRY**, (IGCP Project -92 Field Conference), Baikal Province, U.S.S.R. (M. Markov, Geological Institute of the U.S.S.R. Academy of Sciences, Pyzhevsky per. 7, Moscow 109017, U.S.S.R.)
- August 16 - 22, 1981
28th IUPAC CONGRESS, Vancouver, Canada. (IUPAC Congress Secretariat, c/o Chemical Institute of Canada, 151 Slater Street, Suite 906, Ottawa, Ontario, Canada K1P 5H3)
- August 16 - 29, 1981
INTERNATIONAL ASSOCIATION OF METEOROLGY AND ATMOSPHERIC PHYSICS, Hamburg, F.R.G. (S. Ruttenberg, IAMAP National Center for Atmospheric Research, P.O. Box 3000, Boulder, Colorado 80307, U.S.A.)
- August 17 - 21, 1981
METEORITICAL SOCIETY, (44th Annual Meeting), Bern, Switzerland. (P. Eberhardt, Physikalisches Institut, University of Bern, Sidlerstrasse 5, 3012 Bern, Switzerland)
- August 17 - 21, 1981
* **7th INTERNATIONAL CONFERENCE OF MID-CRETACEOUS EVENTS**, (and 5th meeting of IGCP Project 58), Uppsala, Sweden. (R.A. Reymont, Paleontologiska Institutionen, Box 558, S-751 22 Uppsala, Sweden)
- August 17 - 21, 1981
SEDIMENTS THROUGH THE AGES, Perth, Australia. Conference sponsored by the Geological Society of Australia with field excursions to Hamersley Basin, Pilbara Block, Devonian Reef Complex (Canning Basin), and Quaternary Sediments of Shark Bay and Lake MacLeod. (P. E. Playford, Convention Chairman, Geological Survey of Western Australia, 66 Adelaide Terrace, Perth, Western Australia 6000, Australia)
- August 17 - 21, 1981
SOIL MICROMORPHOLOGY, (International Working Meeting), London, England. (P. Bullock, Rothamsted Experimental Station, Harpenden, Herts AL5 2JQ, U.K.)
- August 17 - 22, 1981
EARTH TIDES, (Symposium), New York, U.S.A. (J.T. Kuo, Aldridge Laboratory of Applied Geophysics, Henry Krumb School of Mines, Columbia University, New York 10027, U.S.A.)
- August 18 - 21, 1981
AUSTRALIAN SOCIETY OF EXPLORATION GEOPHYSICISTS, (2nd Biennial Conference and Exhibition), Adelaide, Australia. (J. Haigh, P.O. Box 42, Unley, South Australia 5061, Australia)
- August 18 - 27, 1981
HYDROLOGY AND THE SCIENTIFIC BASES FOR RATIONAL MANAGEMENT OF WATER RESOURCES, (International Conference), Paris. Sponsored by Unesco and WMO. (Unesco, 7, Place de Fontenoy, 75700 Paris, France)
- August 21 - 27, 1981
* **SILICEOUS DEPOSITS OF THE PACIFIC REGION**, IGCP Project 115, (2nd International Congress), Tokyo, Japan. (J.R. Hein, MS 99, U.S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025, U.S.A.)
- August 21 - 28, 1981
* **ECOSTRATIGRAPHY**, Allekvia, Gotland, Sweden. IGCP Project 53 preceded by special collecting excursions and followed by the International Graptolite Conference - see below. (A.J. Boucot, Dept. of Geology, Oregon State University, Corvallis, Oregon 97331, U.S.A.)
- August 21 - 30, 1981
* **GENESIS AND LITHOLOGY OF QUATERNARY DEPOSITS**, (INQUA Symposium and Field Trip), Wyoming and Idaho. (E.B. Evenson, Department of Geological Sciences, Lehigh University, Bethlehem, Penn., 18015, U.S.A.)
- August 23 - 27, 1981
STABLE ISOTOPES IN SEDIMENTOLOGICAL RESEARCH, (SEPM Research Conference), Vail, Colorado, U.S.A. (M.A. Arthur, U.S. Geological Survey, Box 25046, MS-940, Denver Federal Center, Denver, Colorado 80225, U.S.A.)
- August 24 - 26, 1981
MANAGEMENT OF GEODETIC DATA, (Symposium), Copenhagen, Denmark. (International Symposium on the Management of Geodetic Data, Geodætisk Institut, Gamlehave Allé 22, DK-2920 Charlottenlund, Denmark)
- August 24 - 28, 1981
* **UPPSALA CALEDONIDE SYMPOSIUM: THE SCANDINAVIAN CALEDONIDES REVIEWED**, Uppsala, Sweden. With pre- and post-symposium excursions in the Norwegian and Swedish Caledonides, in conjunction with IGCP Project 27. (D.G. Gee, SGU, Box 670, 751 28 Uppsala, Sweden)
- August 24 - 28, 1981
HYDRODYNAMICS IN OCEAN ENGINEERING, (International Symposium), Trondheim, Norway. (T. Jørgensen, University of Trondheim, The Norwegian Institute of Technology, N-7034 Trondheim-NTH, Norway)
- August 24 - 29, 1981
WEATHERING ZONES AND THE PROBLEM OF GLACIER LIMITS AROUND THE NORTH ATLANTIC, Canadian Quaternary Association (CANQUA), (International field workshop), Gaspé, Quebec, Canada. (J.T. Gray, Dépt. de Géographie, Université de Montréal, C.P. 6128, Succ. A., Montréal, Quebec, Canada H3J 3J7)
- August 24 - 29, 1981
8th ANNUAL MEETING EUROPEAN GEOPHYSICAL SOCIETY, (to be run simultaneously with the Uppsala Caledonide Symposium), Uppsala, Sweden. (C.-E. Lund, Dept. of Solid Earth Physics, University of Uppsala, P.O. Box 556, 75122 Uppsala, Sweden)
- August 25 - 31, 1981
* **CARBONIFEROUS STRATIGRAPHY FIELD MEETING**, U.K. Meeting organized by IUGS Subcommittee on Carboniferous Stratigraphy. (J. Pattison, Inst. of Geological Sciences, Ring Road Hailton, Leeds LS15 8TQ, U.K.)
- August 26 - September 3, 1981
16th INTERNATIONAL CONGRESS FOR THE HISTORY OF SCIENCE, Bucharest, Romania. (S. Balan, Romanian Academy of Science, Calea Victoriei 125, Set 1, Bucharest, Romania)
- August 28 - September 9, 1981
ARC VOLCANISM, (IAVCEI Symposium), Tokyo, Japan. Pre- and post-meeting field trips. (D. Shimozuru, Earthquake Research Institute, University of Tokyo, Bunkyo-ku, Tokyo 113, Japan)

COMING EVENTS . . .

- August 29 - September 1, 1981
ÖSTERREICHEN MINERALOGISCHEN GESELLSCHAFT, and DEUTSCHEN MINERALOGISCHEN GESELLSCHAFT, (Joint meeting), Vienna, Austria. (G. Kurat, Naturhistorisches Museum Wien, Burgring 7, A-1014 Vienna, Austria)
- August 31 - September 4, 1981
GEOCHRONOLOGY, COSMOCHRONOLOGY AND ISOTOPE GEOLOGY, (Colloquium), Jerusalem, Israel. (M. Bielski, Dept. of Geology, The Hebrew University, Jerusalem, Israel)
- August 31 - September 4, 1981
ANTARCTIC GLACIOLOGY, (Symposium), Columbus, Ohio, U.S.A. Scientific Committee on Antarctic Research, International Commission of Snow and Ice, and International Glaciological Society. (Institute of Polar Studies, Ohio State University, Columbus, Ohio 43210, U.S.A.)
- August 31 - September 4, 1981
SECOND AUSTRALASIAN LANDSAT CONFERENCE, Canberra, Australia. (Landsat '81, Secretariat, Australian Academy of Science, P.O. Box 783, Canberra City, ACT 2601, Australia)
- August 31 - September 4, 1981
150th ANNIVERSARY MEETING, BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. SECTION C: GEOLOGY, York, U.K. (Dr. L.B. Halstead, Dept. of Geology, University, Reading RG6 2AB, England)
- August 31 - September 5, 1981
GEODETTIC NETWORKS AND COMPUTATIONS, (6th International Symposium on Geodetic Computations), Munich, F.R.G. (Deutsche Geodätische Kommission, Bayerische Akademie der Wissenschaften, Marstallplatz 8, D-8000 München 22, F.R.G.)
- September 1 - 4, 1981
*** COASTAL UPWELLING AND ITS SEDIMENT RECORD**, Vilamoura/Algarve, Portugal. Sponsored by NATO, IDOE-NSF, ONR, and IUGS-CMG. (J. Thiede, Dept. of Geology, University of Oslo, P.O. Box 1047, Oslo 3, Norway)
- September 1 - 4, 1981
THERMAL ANALYSIS, (2nd European Symposium), Aberdeen, U.K. (F.P. Glasser, Dept. of Chemistry, The University, Meston Walk, Old Aberdeen AB9 2UE, U.K.)
- September 1 - 6, 1981
*** SECOND INTERNATIONAL CONFERENCE, GRAPTOLITE WORKING GROUP OF THE INTERNATIONAL PALAEONTOLOGICAL ASSOCIATION**, (Conference and field excursions), Cambridge, U.K. (P.R. Crowther, Dept. of Geology, University of Cambridge, Sedgewick Museum, Downing Street, Cambridge CB2 3EQ, U.K.)
- September 1 - 8, 1981
PALEOLIMNOLOGY, (3rd International Symposium), Joensuu, Finland. (P. Huttunen, Karelian Institute, University of Joensuu, P.O. Box 111, SF-80101, Joensuu 10, Finland)
- September 2 - 4, 1981
FLOW AND TRANSPORT IN POROUS MEDIA, (Euromech Colloquium 143), Delft, Netherlands. (A. Verruijt, Dept. of Civil Engineering, Delft University, Delft, Netherlands)
- September 2 - 4, 1981
THE URANIUM INSTITUTE, (6th Annual Symposium), London, England. (Uranium Institute, 8th Floor, New Zealand House, Haymarket, London SW1Y 4TE, U.K.)
- September 6 - 12, 1981
*** 7th INTERNATIONAL CLAY CONFERENCE**, Bologna and Pavia, Italy. Sponsored by AIPEA. (F. Veniale, Chairman of the Organizing Committee, 7th International Clay Conference 1981, c/o Istituto Mineralogia Petrografia, Università via Bassi 4, 27100 Pavia, Italy)
- September 6 - 14, 1981
CONTROLS OF CARBONATE PLATFORM EVOLUTION, (GSA Penrose Conference), Capri, Italy. With post-meeting field trip to Sicily. (J.L. Wilson, Dept. of Geological Sciences, University of Michigan, 1006 C.C. Little Building, Ann Arbor, Michigan 48109, U.S.A.)
- September 7 - 9, 1981
MECHANICS OF SEDIMENTATION AND FLUIDIZED BEDS, (Euromech Colloquium 144), Vienna, Austria. (W. Schneider, Technische Universität Wien, Wiedner Hauptstrasse 7, A-1040 Vienna, Austria)
- September 7 - 11, 1981
A PRACTICAL INTRODUCTION TO GEOSTATISTICS, (Short course), Fontainebleau, France. Languages: French and English. (Centre de Géostatistique, 35, rue Saint-Honoré, 77305 Fontainebleau - Cedex, France)
- September 7 - 11, 1981
WATER MANAGEMENT, (UN Symposium), Lisbon, Portugal. (Chairman of the Executive Committee, International Symposium on Water Management in Industrial Areas, Portuguese Water Resources Association, c/o LNEC, Av. do Brasil 101, 1799 Lisbon, Portugal)
- September 7 - 12, 1981
ANTARCTIC GLACIOLOGY, (3rd International Symposium), Columbus, Ohio. (Institute of Polar Studies, Ohio State University, 125 S. Oval Mall, Columbus, Ohio 43210, U.S.A.)
- September 7 - 12, 1981
*** KAOLIN GENESIS AND UTILIZATION**, (IGCP Project 23 Workshop at 7th International Clay Conference), Bologna and Pavia, Italy. (M. Kuzvart, Institute of Geological Sciences, Charles University, Albertov 6, 128 43 Prague 2, Czechoslovakia 31)
- September 8 - 14, 1981
COASTAL LAGOONS, University of Bordeaux, France. (P. Lasserre, Secretary-General, ISOCL/Unesco '81, Institut de Biologie Marine, Université de Bordeaux - I, 33120 Arcachon, France)
- September 8 - 15, 1981
GEOLOGICAL ENGINEERING, (Course), Pacific Grove, California, U.S.A. (T.L. Brekke, Geological Engineering Foundation, 1847 Yosemite Road, Berkeley, California 94707, U.S.A.)
- September 13 - 18, 1981
ENGINEERING GEOLOGY OF CONSTRUCTION MATERIALS, (17th Annual Meeting, Engineering Group of the Geological Society), Bangor, N. Wales, U.K. (Secretary of the Engineering Group, Geological Society, Burlington House, Piccadilly, London W1V 0JU, England)
- September 14 - 16, 1981
TEMPERATURE ENVIRONMENT OF OIL AND GAS, (Research Conference), Santa Fe, New Mexico, U.S.A. (W.H. Roberts, Gulf Research & Development Co., P.O. Box 36306, Houston, Texas 77036, U.S.A.)
- September 14 - 18, 1981
GEOSTATISTICS FOR THE MINING INDUSTRY, (Short course), Fontainebleau, France. Languages: French and English. (Centre de Géostatistique, 35, rue Saint-Honoré, 77305 Fontainebleau-Cedex, France)
- September 14 - 18, 1981
ORGANIC GEOCHEMISTRY, (International Meeting), Bergen, Norway. (M. Bjoroy, Continental Shell Institute, P.O. Box 1883, N-7001 Trondheim, Norway)
- September 14 - 19, 1981
MESOZOIC TERRESTRIAL ECOSYSTEMS, (Second International Symposium), Jadwisin (near Warsaw), Poland. (H. Osmolska, Zaklad Paleobiologii, Polska Akademia Nauk, Al. Zwirki i Wigury 93, 02-089 Warszawa, Poland)
- September 14 - 21, 1981
*** ENGINEERING GEOLOGICAL PROBLEMS OF CONSTRUCTION ON SOLUBLE ROCKS**, (Symposium), Istanbul, Turkey. Sponsored by the Ministry of Energy and Natural Resources of Turkey and the International Association of Engineering Geology. Languages: English, French, Turkish. (T. Aklan, Sec. General, Turkish National Committee of Engineering Geology, P.K. 577 Kizilay, Ankara, Turkey)
- September 15 - 17, 1981
FILTRATION SOCIETY, (International Conference), London. (D. Wyllie, Conference Organizer, Knights Place, Whichford, Shipston-on-Stour, Warwickshire, England)
- September 15 - 20, 1981
*** ARCHEAN GEOCHEMISTRY**, (IGCP Project 92, U.S. Working Group Field Conference), northern Wisconsin to Michigan Peninsula. (A.M. Goodwin, Dept. of Geology, University of Toronto, Toronto, Ontario, Canada)
- September 16 - 18, 1981
OCEANS '81, Boston, U.S.A. (R. Nagle, Raytheon Company, 141 Spring Street, Lexington, Mass. 02173, U.S.A.)
- September 18 - 20, 1981
NEW YORK STATE GEOLOGICAL ASSOCIATION, (Annual Meeting and Field Trips), Binghamton, New York, U.S.A. (D. Coates, Dept. of Geological Sciences, SUNY, Binghamton, New York 13901, U.S.A.)
- September 20 - 24, 1981
LES PRESSIONS DE TERRAINS ET LE SOUTÈNEMENT, (Septième conférence internationale), Liège, Belgium. Institut national des industries extractives. Languages: English, French, and German. (M. van Duyse, INIEX, 200, rue du Chéra, 4000 Liège, Belgium)
- September 20 - 26, 1981
GEOLOGICAL CONGRESS OF ARGENTINA, San Luis, Argentina. (Secretary, Geological Congress of Argentina, Maipu 645 - 1st Floor, 1006 Buenos Aires, Argentina)
- September 21 - 25, 1981
INDUSTRIAL MINERALS OF THE AMERICAS - A VEHICLE FOR NATIONAL DEVELOPMENT, (First International Conference on Industrial Minerals, with field trips), Kingston, Jamaica. (Geological Society of Jamaica, c/o Jamaica Bauxite Mining, 5th Floor Citi-Bank Building, 63 Knutsford Boulevard, Box 539, Kingston 5, Jamaica, W.I.)
- September 21 - 23, 1981
EXTRACTION METALLURGY, London, England. (Meetings Secretary, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, England)
- September 21 - 24, 1981
WEAK ROCK, (International Symposium), Tokyo, Japan. (Secretariat of the International Symposium on Weak Rock, c/o Japan Society of Civil Engineers, Yotsuya 1-chome, Shinjaka-ku, Tokyo 16C, Japan)
- September 21 - 25, 1981
MODERN AND ANCIENT FLUVIAL SYSTEMS: SEDIMENTOLOGY AND PROCESS, University of Keele, U.K. (T. Elliot, Singleton Park, Swansea SA2 8PP, Wales, U.K.)
- September 22 - 24, 1981
SOCIÉTÉ EUROPÉENNE POUR LA FORMATION DES INGÉNIEURS, (Annual Conference), Brighton, England. (SEFI Conference 1981, c/o Director's Office, Brighton Polytechnic, Moulsecomb, Brighton BN2 4AT, England)
- September 23 - 25, 1981
GEOSTATISTICS AND DECISION MAKING IN THE MINING INDUSTRY, (Seminar for mining executives), Toronto, Canada. (R. Froidevaux, David S. Robertson & Associates, Ltd., 20th Floor, 65 Queen St. W., Toronto, Ontario, Canada M5H 2M7)
- September 24 - 25, 1981
REFRACTORIES, (International Colloquium), Aachen, F.R.G. (Institut für Gesteinshuttenkunde, der RWTH Aachen Mauerstrasse 5, D-5100 Aachen, F.R.G.)
- September 24 - 25, 1981
WATER, PEOPLE AND WASTE IN DEVELOPING COUNTRIES, (7th WEDC Annual Conference), Loughborough, U.K. (J. Pickford, WEDC, Department of Civil Engineering, University of Technology, Loughborough, Leicestershire LE11 3TU, U.K.)
- September 25 - 27, 1981
HURONIAN SUPERGROUP AND GLACIAL DEPOSITS, (Field Conference), Whitefish Falls, Ontario. Great Lakes Section SEPM. (G. Young, Department of Geology, University of Western Ontario, London, Ontario, Canada N6A 5B7)
- September 25 - October 2, 1981
*** METHODS OF APPLIED GEOCHEMISTRY**, (Second International Symposium), Irkutsk (Baikal), U.S.S.R. International Association of Geochemistry and Cosmochemistry (IAGC) Working Group, geochemical prospecting, and Siberian division of U.S.S.R. Academy of Sciences, Vinogradov Geochemistry Institute, Irkutsk. Languages: Russian and English. (P.V. Koval, POB 701, 664033 Irkutsk, U.S.S.R.)
- September 26 - 29, 1981
CANADIAN PALEONTOLOGY AND BIOSTRATIGRAPHY, (Seminar), Manitoulin Island, Ontario. (P. Telford, Paleozoic/Mesozoic Geology Subsection, Ontario Geological Survey, Room 706, 77 Grenville

COMING EVENTS . . .

- Street, Toronto, Ontario, Canada M5S 1B3)
- September 27 - October 1, 1981
ASSOCIATION OF ENGINEERING GEOLOGISTS, (Annual Convention), Portland, Oregon, U.S.A. Field trips; special session/field trip to Mt. St. Helens. (D.K. Rankin, c/o Kelly/Strazer Associates, Inc., 3906 S.W. Kelly Ave., Portland, Oregon 97201, U.S.A.)
- September 28 - October 20, 1981
INDUSTRIAL APPLICATION OF RADIO-ISOTOPES AND RADIATION TECHNOLOGY, (International Conference), Grenoble, France. (D.A. Herbert, Dept. of Energy, Atomic Energy Division, Thames House, South Millbank, London SW1P 4QJ, England)
- October 4 - 7, 1981
ASSOCIATION OF EARTH SCIENCE EDITORS, (Annual Meeting), Denver, U.S.A. (J. Heller, U.S. Geological Survey, Box 25046, Stop 303, Denver Federal Center, Denver, Colorado 80225, U.S.A.)
- October 4 - 10, 1981
MINERAL DEPOSITS OF THE ALPS, (4th International Symposium and Fachsektion Lagerstättenforschung in the GDMB Annual Meeting, with field trips), Berchtesgaden, F.R.G. (H. Vidal, Bayerisches Geologisches Landesamt, Prinzregentenstrasse 28, D-8 München, F.R.G.)
- October 5 - 14, 1981
INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA, (69th Statutory Meeting), Woods Hole, Massachusetts, U.S.A. (General Secretary ICES, Palaegade 2-4, 1261-Copenhagen K, Denmark)
- October 7 - 9, 1981
ASSOCIATION OF SOUTHEAST ASIAN NATIONS COUNCIL ON PETROLEUM, (Meeting), Manila, Philippines. (ASCOPE '81 Organizing Secretariat, Philippine National Oil Co., 7901 Makati Ave., Makati, Metro Manila, Philippines. Telex: 63667 PNOC PM)
- October 7 - 10, 1981
AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, (Annual Meeting), New Orleans, U.S.A. (D.G. Benson, Amoco Production Co., P.O. Box 50879, New Orleans, Louisiana 70150, U.S.A.)
- October 13 - 15, 1981
GEOPRESSURED-GEOTHERMAL ENERGY, U.S. GULF COAST, (5th Conference), Baton Rouge, Louisiana, U.S.A. (A. Bachman, Energy Programs Office, 105 Hill Memorial, Louisiana State University, Baton Rouge, Louisiana 70803, U.S.A.)
- October 14, 1981
GEOLOGICAL ASPECTS OF THE DISPOSAL OF RADIOACTIVE WASTE IN THE SEA, (Geological Society Marine Studies Group Meeting), London, England. (Geological Society, Burlington House, Piccadilly, London W1V 9HG, England)
- October 14 - 17, 1981
 * **GEOTECTONIC EVOLUTION OF THE EASTERN MEDITERRANEAN AND MIDDLE ASIA**, (International Working Group Meeting of IGCP Project 169), Leoben, Austria. (A. Pärtan, Paläontologisches Institut d. Universität, A-1010 Wien, Universitätsstrasse 7, Austria)
- October 16 - 17, 1981
MINERAL EXPLORATION IN IRELAND - PROGRESS AND DEVELOPMENTS 1971-81, Wexford, Ireland. (A. Poustie, Irish Base Metals, Ltd., Loughrea, Ireland)
- October 19 - 21, 1981
MANAGING ENERGY THROUGH ENERGY STORAGE (International Conference), Seattle, U.S.A. (M. McCarthy, MCC Associates, Inc., 8534 Second Avenue, Suite 400, Silver Spring, Maryland 20910, U.S.A.)
- October 19 - 23, 1981
OCEAN POLLUTION, (Conference), Halifax, Nova Scotia, Canada. (Ocean Pollution 1981 Conference, Bedford Institute of Oceanography, Dartmouth, Nova Scotia B2Y 4A2, Canada)
- October 19 - 23, 1981
FIFTH WORLD CONFERENCE ON TIN, Kuala Lumpur, Malaysia. (The Secretary, Steering Committee for the Fifth World Conference on Tin, Ministry of Primary Industries, Gurney Road, Kuala Lumpur, Malaysia)
- October 20 - 22, 1981
12th UNDERWATER MINING INSTITUTE, Madison, Wisconsin, U.S.A. (G. Hedden, Sea Grant Advisory Services, University of Wisconsin, 1815 University Avenue, Madison, Wisconsin 53706, U.S.A.)
- October 23 - 24, 1981
TENTH GEOCHAUTAUQUA ON COMPUTER APPLICATIONS IN THE EARTH SCIENCES, Ottawa, Canada. Use of computers in mineral-resources evaluation; to be preceded by three-day workshop on interactive graphic computer programs. (F.P. Agterberg, Geological Survey of Canada, 601 Booth Street, Ottawa, Canada K1A 0E8)
- October 23 - 25, 1981
GEOMORPHOLOGY IN TROPICAL ENVIRONMENTS, (British Geomorphology Research Group Annual Meeting), Manchester, England. (T. Spencer, School of Geography, University of Manchester, Manchester, England)
- October 25 - 29, 1981
GEOTHERMAL RESOURCES COUNCIL, (Annual Meeting) Houston, Texas, U.S.A. (B. Hail, Geothermal Resources Council, P.O. Box 98, Davis, California 95616, U.S.A. Tel. 916-758-2360)
- October 26 - 30, 1981
 * **QUATERNARY LAND-SEA MIGRATION BRIDGES AND HUMAN OCCUPATION OF SUBMERGED COASTLINES**, (Symposium, cosponsored by INQUA), La Jolla, U.S.A. (P.M. Masters, Scripps Institution of Oceanography, A-012, La Jolla, California 92093, U.S.A.)
- November 2 - 5, 1981
GEOLOGICAL SOCIETY OF AMERICA, (Annual meeting), Cincinnati, U.S.A. (S. Beggs, Geological Society of America, P.O. Box 9140, 3300 Penrose Place, Boulder, Colorado 80301, U.S.A.)
- November 3 - 9, 1981
REMOTE SENSING OF ARID AND SEMI-ARID LANDS, Cairo, Egypt. (D.M. Humphrey, Environmental Res. Inst. of Michigan, P.O. Box 8618, Ann Arbor, Michigan 48107, U.S.A.)
- November 4, 1981
METAMORPHIC STUDIES: RESEARCH IN PROGRESS, (Joint Geological Society and Mineralogical Society Metamorphic Studies Group Meeting), London, U.K. (M. Brown, Metamorphic Studies Group, Department of Geology and Physical Sciences, Oxford Polytechnic, Headington, Oxford OX3 0BP, U.K.)
- November 8 - 11, 1981
NIOBium '81, (International Conference), San Francisco, U.S.A. (Fabio Decourt Homen de Melo, Associação Brasileira de Metais, Av. Paulista 2073, Horsa 1-15°, 01311 Sao Paulo SP, Brazil)
- November 9 - 20, 1981
GEODESY IN AFRICA IN THE '80s, (2nd Symposium, International Association of Geodesy, Commission on Africa), Nairobi, Kenya. (R.O. Coker, Kenting Africa, 53 Lawson Street, P.O. Box 1658, Lagos, Nigeria)
- November 10 - 13, 1981
COBALT METALLURGY AND USES, (International Conference), Brussels. Excursion to Zaïre. (Benelux Metallurgie, 3, rue Ravenstein, 1000 Brussels, Belgium)
- November 18 - 23, 1981
GEOLOGY, MINERAL AND ENERGY RESOURCES OF SOUTH AND EAST ASIA, IV GEOWEA, Manila, Philippines. (The Secretariat, IV GEOWEA, c/o Geological Society of the Philippines, Bureau of Mines Building, Pedro Gil St., Malate, Manila, Philippines)
- November 23 - 26, 1981
ASIAN MINING, (International Conference), Singapore. Organized by IMM in conjunction with the Asian Mining '81 International Exhibition. (Secretary, The Institute of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K. Tel. 01-58 3802; Telex: 261410)
- November 23 - 27, 1981
OFFSHORE CHINA, (Conference), Guangzhou, China. (R. Wan, 900 David Road, Burlingame, California 94010, U.S.A.)
- November 24 - 26, 1981
COMPUTER METHODS IN RESOURCE ANALYSIS, (Geological Information Group Meeting), London, England. (M.F. Horder, IGS, 154 Clerkenwell Road, London EC1R 5DY, U.K.)
- November 25 - 27, 1981
 * **CONFERENCIA LATINOAMERICANA SOBRE INFORMACION GEOLOGICA**. (Cosponsored by AGID), Caracas, Venezuela. (Direccion de Geologia, Ministerio de Energia y Minas, Torre Norte, CSB, P. 19, Caracas, Venezuela)
- November 25 - 29, 1981
 * **INTERNATIONAL WORKSHOP ON PACIFIC NEOGENE BIOSTRATIGRAPHY**, Osaka, Japan. (The Secretariat, IGCP Project 114, c/o Osaka Museum of Natural History, Nagai Park, Higashi-Sumiyoshi-ku, Osaka 546, Japan)
- November 25 - December 6, 1981
 * **PHOSPHORITE**, (IGCP Project 156, 4th International Field Workshop and Seminar), Jaipur, Udaipur and Dehradun, India. (Member Secretary Central Organizing Committee, 4th International Field Workshop and Seminar on Phosphorite, c/o Geological Survey of India, D-87, Meera Marg, Jaipur - 302006, India)
- December 1 - 4, 1981
WORKSHOP ON REGIONAL GEOCHEMICAL EXPLORATION IN NORTHERN FINNOSCANDIA, Sundsvall, Sweden. Arranged by geochemists of the Geological Surveys of Finland, Greenland, Norway and Sweden. (B. Bolviken, Geological Survey of Norway, Leiv Erikssons Vei 39, 7001 Trondheim, Norway)
- December 3 - 5, 1981
PROCESSES OF PLANETARY RIFTING, (Conference), San Francisco, U.S.A. (Lunar & Planetary Institute, 3303 NASA Road 1, Houston, Texas 77058, U.S.A.)
- December 11 - 18, 1981
MODERN AND ANCIENT CARBONATES, (Field Seminar) St. Croix. (R.F. Dill, West Indies Laboratory, Fairleigh Dickinson University, Box 4010, Christiansted, St. Croix, Virgin Islands 00820)
- December 17 - 18, 1981
TECTONIC STUDIES GROUP, (Annual General Meeting), Oxford, U.K. (J. Platt, Geology Department, Oxford University, Oxford OX1 3PR U.K.)
- December 18 - 19, 1981
OPHOLITES AND ACTUALISM: A COMPARATIVE ANALYSIS OF PETROLOGY, STRATIGRAPHY, TECTONIC EVOLUTION AND GEODYNAMIC SETTING, (Annual International Meeting, Working Group on Mediterranean Ophiolites), Florence, Italy. (L. Beccalupa, Istituto di Petrografia, Via Gramsci 9, 43100 Parma, Italy)
- December 19 - 22, 1981
 * **DESIGN AND GENERATION OF A WORLD DATA BASE FOR IGNEOUS PETROLOGY**. (IGCP Project 163 meeting), Hawaii. (F. Chayes, IGCP-163-IGBA, Geophysical Laboratory, 2801 Upton Street NW, Washington, D.C. 20008, U.S.A.)
- December 19 - 31, 1981
THE GALAPAGOS ISLANDS: EVOLUTION AND GEOLOGY, (A field trip designed for geologists, Geological Society of America and guests. Optional Andean and Amazon Basin geology extension offered at the end of the scheduled trip), Galapagos Islands. (G. Holbrook, Holbrook Travel Inc., 3520 N.W. 13th Street, Gainesville, Florida 32601, U.S.A. Tel. 904-377-7111)

1982

- January 1982
PRECAMBRIAN OF WEST AFRICA AND ITS CORRELATION WITH EASTERN BRAZIL, (6th Annual Meeting, IGCP Project 108/144), Cotonou, Republic of Benin. (I. Yacé, Department of Geology, University of Abidjan, Ivory Coast)
- January 19, 1982
MAJOR ALLUVIAL BASINS IN ASIA, (Hydrogeology Group Meeting), London. (G. Bonney, Aspinwall Hydrotechnical Services Ltd., Pengwern Court, High Street, Shrewsbury SY1 1SR, U.K.)
- January 27 - 29, 1982
 * **MANAGEMENT, ANALYSIS AND DISPLAY OF GEOSCIENCE DATA**, (First Annual Conference), Golden, Colorado, U.S.A. (R.B. McCammon, U.S. Geological Survey, National Center 920, Reston, Virginia 22092, U.S.A.)
- February 1982
GEOLOGICAL SOCIETY OF AFRICA, Nairobi, Kenya. (C.A. Kogbe, Department of Geology, A.B.U., Zaria, Nigeria)

COMING EVENTS . . .

February 1 - 3, 1982

PAN-AFRICAN CRUSTAL EVOLUTION IN ARABIA AND NORTHEAST AFRICA, Jeddah, Saudi Arabia. (Ahmed M. Al-Shanti, Box 1744, Jeddah, Saudi Arabia)

February 1 - 5, 1982

PRINCIPLES OF DATA PROCESSING FOR EARTH SCIENTISTS, (Introductory course for foreign nationals), Reston, Virginia, U.S.A. (U.S. Geological Survey, 917 National Center, Training Section, Reston, Virginia 22092, U.S.A.)

February 1 - 10, 1982

* **PAN AFRICAN CRUSTAL EVOLUTION IN ARABIA AND NORTHEAST ASIA**, (IGCP Project 164), Jeddah, Saudi Arabia. Post-meeting field excursions. Languages: English, with Arabic abstracts in the published proceedings. (A.M. Al-Shanti, Faculty of Earth Sciences, King Abdulaziz University, P.O. Box 1744, Jeddah, Saudi Arabia)

February 7 - 17, 1982

HEAVY CRUDE AND TAR SANDS, (2nd International Conference), Caracas, Venezuela. Participation by invitation only. (Requests to: UNITAR, 801 United Nations Plaza, Room 316, New York, N.Y. 10017, U.S.A.)

March 1 - 6, 1982

PALEOMAGNETIC RESEARCH IN EAST AND SOUTHEAST ASIA, (Workshop), Kuala Lumpur, Malaysia. (Project Manager, Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas, c/o ESCAP, U.N. Building, Bangkok 2, Thailand)

March 3, 1982

METAMORPHIC STUDIES: RESEARCH IN PROGRESS, (Joint Geological Society and Mineralogical Society Metamorphic Studies and Mineralogical Society Metamorphic Studies Group meeting) Burlington House, London W1. (M. Brown, Metamorphic Studies Group, Department of Geology and Physical Sciences, Oxford Polytechnic, Headington, Oxford OX3 0BP, U.K.)

March 14 - 20, 1982

AMERICAN CONGRESS ON SURVEYING & MAPPING, (Annual Spring Meeting), Denver, Colorado, U.S.A. (M.B. Strain, P.O. Box 15652, Denver, Colorado 80215, U.S.A.)

April 1982

9th REUNION OF EARTH SCIENCES, Paris. (A.F. Poignant, Université P & M Curie, IXe R.A.S.T., 4 place Jussieu, 75230 Paris Cedex 05, France)

April 11 - 16, 1982

THE ANTARCTIC PLATE, (GSA Penrose Conference), Shenandoah National Park, Virginia. (I.W.D. Dalziel, Lamont-Doherty Geological Observatory, Palisades, New York 10964, U.S.A.)

April 19 - 23, 1982

FIRST INTERNATIONAL MINE WATER CONGRESS, Budapest, Hungary. Languages: English, Hungarian, German, Russian, French or Spanish. (R. Fernandez Rubio, University of Granada, Faculty of Geosciences, Apartado 556, Granada, Spain)

April 21 - 23, 1982

LOW TEMPERATURE Pb Zn F Ba VEIN TYPE DEPOSITS, from the European and North African Variscan provinces, (Symposium), Orléans, France. Languages: French and English. (M. Jébrak, Bureau de Recherches Géologiques et Minières, Département Gîtes Minéraux, B.P. 6009, 45060 Orléans Cedex, France)

April 21 - 23, 1982

FOURTH YUGOSLAV INTERNATIONAL SYMPOSIUM ON ALUMINIUM, Titograd, Yugoslavia. (Prof. Andrej Paulin, IV JUGAS, Dept. of Geology, Mining and Metallurgy, Askerceva 20, 61000 Ljubljana, Yugoslavia)

May 3 - 7, 1982

12th CONGRESS OF COUNCIL OF MINING AND METALLURGICAL INSTITUTIONS, Johannesburg, South Africa. With pre- and post-congress field excursions. (Congress Manager, P. O. Box 809, Johannesburg, Republic of South Africa 2000)

May 3 - 7, 1982

MARINE HYDRODYNAMICS OF THE EQUATORIAL OCEAN, (14th International Liège Colloquium on Ocean Hydrodynamics), Liège, Belgium. (J.C.J. Nihoul, Université de Liège, Mécanique des

Fluides Géophysiques - Environnement, B6 - Sart Tilman, B-4000 Liège, Belgium)

May 3 - 7, 1982

INTERNATIONAL CONGRESS ON THE UNIVERSAL AVAILABILITY OF PUBLICATIONS, (Unesco/IFLA), Paris, France. (IFLA, P.O. Box 82128, 2508 EC The Hague, Netherlands)

May 5 - 7, 1982

INTERNATIONAL CONGRESS ON THE ENVIRONMENT AND GEOCANCEROLOGY, Brussels, Belgium. (E.G. Peeters, Services Généraux de l'Institut Européen d'Ecologie et de Cancérologie, rue des Fripiers 24 bis, B-1000 Brussels, Belgium)

May 10 - 15, 1982

INTERNATIONAL ASSOCIATION OF GEODESY, (General Meeting), Tokyo, Japan. (I. Nakagawa, Geophysical Institute Faculty of Science, Kyoto University, Olwake-Cho Kita-Shirakawa, Sakyo-ku, Kyoto 606, Japan)

May 11 - 14, 1982

ELSE AND EDITERRA, (Fifth General Assembly of Editerra), Pau, France. (N. Morris, ELSE/ Editerra Secretariat, P.O. Box 33, Farnham, Surrey, GU10 3JX, U.K.)

May 12 - 14, 1982

9th INTERNATIONAL GEOCHEMICAL EXPLORATION SYMPOSIUM, Saskatoon, Canada. (V.J. Sopuck, Organizing Committee, 9th IGES, Box 432, Sub. P. O. 6, Saskatoon, Saskatchewan, Canada S7N 0W0)

May 14 - 16, 1982

GRANITIC PEGMATITES, (Mineralogical Association of Canada Short Course), Winnipeg, Canada. (P. Cerny/F.C. Hawthorne, Department of Earth Sciences, University of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2)

May 17 - 19, 1982

GEOLOGICAL ASSOCIATION OF CANADA AND MINERALOGICAL ASSOCIATION OF CANADA, (Annual Meeting), Winnipeg, Manitoba. (W.C. Brisbin, Dept. of Earth Sciences, University of Manitoba, Winnipeg, Man., Canada R3T 2N2)

May 23 - 26, 1982

WATER AND ENERGY: TECHNICAL AND POLICY ISSUES, (Eastern Conference) Pittsburgh, U.S.A. (Kilpatrick, U.S. Geological Survey, National Center, Mail Stop 414, Reston, VA 22092, U.S.A.)

May 24 - 28, 1982

GEOLOGICAL INFORMATION, (Second International Conference) Golden, Colorado, U.S.A. (D.C. Ward, University of Illinois at Urbana-Champaign, 223 Natural History Bldg., Urbana, Illinois 61801, U.S.A./A.P. Harvey, Dept. of Library Services, British Museum (Natural History), Cromwell Road, London SW7 5BD, U.K.)

May 24 - 28, 1982

GOLD '82, (Symposium), Salisbury, Zimbabwe. (The Organizing Secretary, Gold '82, Institute of Mining Research, P.O. Box MP 167, Mount Pleasant, Salisbury, Zimbabwe)

May 26 - 28, 1982

ROCK MECHANICS RELATED TO CAVERNS AND PRESSURE SHAFTS, (Symposium), Aachen, F.R.G. Organized by the German Geotechnical Society; sponsored by the International Society for Rock Mechanics. Languages: German, English, and French. (W. Wittke, Institut für Grundbau, Bodenmechanik, Felsmechanik und Verkehrswasserbau, RWTH Aachen, Mies-van-der-Rohe-Strasse 1, D-5100 Aachen, F.R.G.)

May 31 - June 4, 1982

WORLD MINING, (11th International Congress), Belgrade, Yugoslavia. Pre- and post-congress tours. (Organizing Committee, 11th World Mining Congress, Sava Centar, 11070 Belgrade, Yugoslavia)

June 1 - 3, 1982

* **8th AND FINAL INTERNATIONAL CONFERENCE OF MID-CRETACEOUS EVENTS**, (and meeting of IGCP Project 58, in conjunction with the Second Symposium "Kreide"), Munich, F.R.G. (Institut für Paläontologie und historische Geologie, Kreide Symposium 1982, Richard-Wagner-Str. 10/II, D-8000 München, F.R.G.)

June 7 - 11, 1982

TUNNELLING '82, (International Symposium and Exhibition), Brighton, U.K. Post conference tours. (Secretary, IMM, 44 Portland Place, London W1N 4BR, U.K.)

June 16 - July 1, 1982

AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS AND SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS, (Annual Meeting), Calgary, Alberta. (K. Watson, AAPG, Box 979, Tulsa, Oklahoma 74101, U.S.A.)

June 27 - 30, 1982

WATER AND ENERGY: TECHNICAL AND POLICY ISSUES, (Western Conference) Fort Collins, Colorado, U.S.A. (D. Matchett, Stone and Webster Engineering Corp., P.O. Box 5406, Denver, CO 80217, U.S.A.)

June 28 - July 2, 1982

GEOCHRONOLOGY, COSMOCHRONOLOGY & ISOTOPE GEOLOGY, (Conference), Nikko National Park, Japan. (K. Shibata, Geological Survey of Japan, Higashii 1-13, Yatabe, Ibaraki 305, Japan)

June 28 - July 3, 1981

MATHEMATICS AT THE SERVICE OF MAN, (2nd World Conference), Las Palmas (Canary Islands), Spain. (Universidad Politécnica de Las Palmas, Casa de Colon, Herrerias, 1, Las Palmas de Gran Canaria, Canary Islands, Spain)

July, 1982

* **LATERITIZATION PROCESSES**, (2nd International Seminar, IGCP Project 129), Sao Paulo, Brazil. Originally scheduled for September 3 - 13, 1981; tentatively postponed to July 1982. (A. Carvalho, 2nd International Seminar on Lateritization Processes, Instituto de Geociências - USP, Caixa Postal 20. 899, Sao Paulo, SP, Brazil)

July 26 - 30, 1982

INTERNATIONAL GEOGRAPHICAL UNION, (Regional Conference), Rio de Janeiro, Brazil. Pre-congress meetings and post-congress excursions. (S. Faissol, Rua Equador, No. 558/2º Andar, Santo Cristo, 20.229 Rio de Janeiro, Brazil)

July 26 - 30, 1982

* **APPLICATIONS OF OSTRACODA TO ECONOMIC AND SCIENTIFIC PROBLEMS**, (8th International Symposium on Ostracoda), Houston, U.S.A. Pre- and post-symposium excursions. (R.F. Maddocks, Geology Department, University of Houston, Houston, Texas 77004, U.S.A.)

July 29 - August 4, 1982

INTERNATIONAL CARTOGRAPHIC ASSOCIATION, (11th International Conference), Warsaw, Poland. (L.A. Maercklein, U.S. Papers Committee, c/o N.Y. State Department of Transportation, Bldg. 4, Room 105, State Campus, Albany, N.Y. 12232, U.S.A.)

August 1 - 9, 1982

* **XIth INQUA CONGRESS**, Moscow, U.S.S.R. Fiftieth anniversary of founding of INQUA in Leningrad. Pre- and post-Congress excursions. (I.P. Kartashov, Secretary General, XI INQUA Congress, Geological Institute, U.S.S.R. Academy of Sciences, Pyzhevsky 7, Moscow 109017, U.S.S.R.)

August 1 - 9, 1982

* **SEA-LEVEL MOVEMENTS DURING THE LAST DEGLACIAL HEMICYCLE**, (IGCP Project 61, Final Working Group Meeting with 11th INQUA Congress), Moscow, U.S.S.R. (A.L. Bloom, Dept. of Geological Sciences, 221 Kimball Hall, Cornell University, Ithaca, New York 14853, U.S.A.)

August 2 - 13, 1982

* **JOINT OCEANIC ASSEMBLY**, Halifax, Canada. Sponsored by SCOR, CMG/IUGS, IABO, IAMAP, IAPSO, ECOR, CNC/SCOR with support from IOC/Unesco. (L. O'Quinn, Executive Secretary, JOA-82, 240 Sparks Street, 7th Floor West, Ottawa, Canada K1A 0E6)

August 5 - 11, 1982

NORTH AMERICAN PALEONTOLOGICAL CONVENTION, (Third), Montreal, Canada. (North American Paleontological Convention, 3450 University Street, Montreal, Quebec, Canada H3A 2A7)

August 15 - 22, 1982

* **GENERATION OF MAJOR BASALT TYPES**, (International Meeting, Cosponsored by IAGC), Reykjavik, Iceland. (G.E. Sigvaldason, Nordic Volcanological Institute, 101 Reykjavik, Iceland)

August 16 - 20, 1982

ANTARCTIC EARTH SCIENCES, (Fourth International Symposium), Adelaide, Australia. (R.L. Oliver, Dept. of Geology & Mineralogy, The University of Adelaide, P.O. Box 498, G.P.O. Adelaide, South Australia 5001, Australia)

COMING EVENTS . . .

- August 17 - 26, 1982
18th INTERNATIONAL ASTRONOMICAL UNION, GENERAL ASSEMBLY, Patras, Greece. (Comité Local d'Organisation, 18^{ème} Assemblée Générale, UA1 - 1982, Université de Patras, Patras, Grèce)
- August 18 - 23, 1982
 * **DEVELOPMENT OF GEOLOGICAL MAPPING AND GEOCARTOGRAPHY WITH PROGRESS IN GEOLOGICAL THINKING**, (INHIGEO Symposium), Budapest, Hungary. Post-symposium excursions. Languages: English, French, German, and Russian. (Hungarian Geological Society/MFT/INHIGEO '82, Budapest VI, Anker-köz 1, H-1061, Hungary)
- August 20 - 21, 1982
 * **PETROLEUM RESOURCES AND THEIR ASSESSMENT IN THE CIRCUM-PACIFIC**, Honolulu, Hawaii, U.S.A. Symposium and Workshop cosponsored by IUGS, East-West Centre and CPEMR. (C. Masters, U.S. Geological Survey, Reston, VA 22092, U.S.A. Tel. 703-860-6681, ext. 6681)
- August 20 - 23, 1982
 * **IV INTERNATIONAL SYMPOSIUM ON THE ORDOVICIAN SYSTEM**, Oslo, Norway. One pre-meeting excursion in Norway and three post-meeting excursions in Sweden. (D.L. Bruton, Paleontologisk Museum, Sarsgate 1, Oslo 5, Norway)
- August 22 - 28, 1982
 * **CIRCUM-PACIFIC ENERGY AND MINERAL RESOURCES CONFERENCE**, Honolulu, Hawaii, U.S.A. (A.P. Hatch, Atlantic Richfield Co., 515 South Flower St., Los Angeles, California 90071, U.S.A.)
- August 22 - 28, 1982
 * **INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS CONGRESS**, Hamilton, Canada. Languages: English and French. (G.V. Middleton, IAS Congress 1982, Dept. of Geology, McMaster University, Hamilton, Ontario, Canada L8S 4M1)
- August 31 - September 4, 1982
MESOZOIC AND CENOZOIC GEOLOGY, (Symposium), Beidaihe, Hebei Province or Tianjin City, China. Celebrating the 60th anniversary of the Geological Society of China. (Wang Zejiu, Secretary General, The Geological Society of China, Peking, China)
- September 1982
FLUIDS IN METAMORPHISM, (Geological Society of London and Metamorphic Studies Meeting), Glasgow, Scotland, U.K. (M. Brown, Department of Geology and Physical Sciences, Oxford Polytechnic, Headington, Oxford OX3 0BP, U.K.)
- September 1982
KIMBERLITE, (3rd International Conference), Clermont-Ferrand, France. (F. Boudier, Université de Nantes, Laboratoire de Tectonophysique, 2 rue de la Houssinière, 44072 Nantes, France)
- September 2 - 10, 1982
VOLCANIC PROCESSES IN MARGINAL BASINS, (Volcanic Studies Group Meeting), Keele, England. Field meeting to Ordovician volcanic terrains of SW Wales and Snowdonia. (R.A. Roach, Department of Geology, The University, Keele, Staffordshire ST5 5B6, England)
- September 5 - 11, 1982
 * **IAH** (16th Congress), Praha, Czechoslovakia. Excursions. Languages: English, French, Russian, Czech, Slovak. (Stavební geologie n.p. Praha, Gorkého namesti 7, 11309 Praha 1, Czechoslovakia)
- September 6 - 8, 1982
GEOLOGY OF JORDAN, (First Geological Conference), Amman, Jordan. Languages: Arabic and English. (A.M. Abed, Department of Geology, University of Jordan, Amman, Jordan)
- September 6 - 11, 1982
INTERNATIONAL MINING EXHIBITION '82, Birmingham, England. (R. Buckley, ABMEC Secretaries, Peat Marwick Mitchell & Co., P.O. Box 121, 201 Glossop Road, Sheffield S13 2HN, England)
- September 6 - 12, 1982
 * **INTERNATIONAL ASSOCIATION ON THE GENESIS OF ORE DEPOSITS**, (VI IAGOD Symposium), Tbilisi, U.S.S.R. Languages: Russian and English. (A.G. Tvalchrelidze, Caucasian Institute of Mineral Resources, 85 Paliashvili St., 380030 Tbilisi, U.S.S.R.)
- September 13 - 14, 1982
THE NORTHERN MARGINS OF THE HERCYNIDES IN THE NORTHERN ATLANTIC REGION, (Meeting with post meeting field excursions), Dublin, Ireland. (D. Hutton, Department of Geology, Trinity College, Dublin 2, Ireland)
- September 19 - 25, 1982
INTERNATIONAL MINERALOGICAL ASSOCIATION, (13th General Meeting and field excursions), Varna, Bulgaria. (Secretary General, 13th IMA Meeting, University of Sofia, Chair of Mineralogy, Boulv. Russki 15, Sofia, 1000 Bulgaria)
- September 22 - 26, 1982
GEOLOGICAL SOCIETIES OF THE BRITISH ISLES, (Meeting), Glasgow, Scotland. (W.E. Tremlett, Glasgow University, Glasgow, Scotland)
- September 28 - 30, 1982
GEOLOGICAL EVOLUTION OF THE EAST MEDITERRANEAN (Meeting), Edinburgh. (Grant Institute of Geology, West Mains Road, Edinburgh EH9 3JW, Scotland)
- October 11 - 20, 1982
INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA, (70th Statutory Meeting), Copenhagen. (General Secretary ICES, Palaegade 2-4, 1261 Copenhagen K, Denmark)
- October 17 - 20, 1982
ASSOCIATION OF EARTH SCIENCE EDITORS, (Annual Meeting), Williamsburg, Virginia, U.S.A. (Judy C. Holoviak, American Geophysical Union, 2000 Florida Avenue NW, Washington, D.C. 20009, U.S.A.)
- October 17 - 22, 1982
V CONGRESO LATINOAMERICANO DE GEOLOGIA, Buenos Aires. Languages: Spanish, Portuguese, English, and French. (5th Congreso Latinoamericano de Geología, Avenida Santa Fe 1548-12° Piso, 1060 Buenos Aires, Argentina)
- October 17 - 23, 1982
WORLDWIDE INDUSTRIAL APPLICATION OF MINERAL PROCESSING TECHNOLOGY, (14th International Mineral Processing Congress), Toronto, Canada. (L.J. Vincze, Publicity Chairman-XIV IMPC, c/o C.E. Lummus - Mineral Division, 251 Consumers Road, Willowdale, Ontario M2V 4H4, Canada)
- October 18 - 21, 1982
GEOLOGICAL SOCIETY OF AMERICA, (Annual Meeting), New Orleans, U.S.A. (Sue S. Beggs, Geological Society of America, P.O. Box 9140, 3300 Penrose Place, Boulder, CO 80301, U.S.A.)
- November 17 - 19, 1982
OPHOLITES AND OCEANIC LITHOSPHERE, (Meeting), London, England. (S. Lippard, Department of Earth Sciences, Open University, Milton Keynes MK7 6AA, U.K.)
- November 24, 1982
METAMORPHIC STUDIES: RESEARCH IN PROGRESS, (Joint Geological Society and Mineralogical Society Metamorphic Studies Group Meeting), London, U.K. (M. Brown, Metamorphic Studies Group, Department of Geology and Physical Sciences, Oxford Polytechnic, Headington, Oxford OX3 0BP, U.K.)
- December 1 - 6, 1982
 * **FOURTH INTERNATIONAL CONGRESS OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY**, New Delhi, India. Pre- and post-Congress excursions. Languages: English and French. (G. Pant, Associate Secretary, Geological Survey of India, 47 - 48, Pragati Bhawan, Nehru Place, New Delhi 110019, India)

1983

- February 1 - 11, 1983
XY PACIFIC SCIENCE CONGRESS, Dunedin, New Zealand. (D.S. Coombs, Geology Dept., University of Otago, Box 56, Dunedin, New Zealand)
- February 1 - 11, 1983
 * **PACIFIC NEOGENE STRATIGRAPHY**, (3rd International Meeting), Dunedin, New Zealand. Sponsored by the Royal Society of New Zealand and IUGS. (A.R. Edwards, Secretary, N.Z. Geological Survey, P.O. Box 30 - 368, Lower Hutt, N.Z.)
- July 18 - 22, 1983
INTERNATIONAL CONFERENCE ON PERMAFROST, Fairbanks, Alaska. (L. DeGoes, Polar

Research Board, National Academy of Sciences, 2101 Constitution Ave. NW, Washington, D.C. 20418, U.S.A. Tel. 202-389-6071)

- August 7 - 12, 1983
FOSSIL CORALS, (Symposium), Washington, D.C. (W.A. Oliver, Jr., U.S. Geological Survey, E-305 Natural History Building, Smithsonian Institution, Washington, D.C. 20560, U.S.A.)
- August 15 - 26, 1983
IUGG, (18th General Assembly), Hamburg, F.R.G. (P. Melchior, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Bruxelles, Belgium)
- August 27, 1983
KRAKATAU ERUPTION, (Centennial Symposium), Jakarta, Indonesia. (D. Sastrapradja, LIPI JL, Teuku Chik Ditiro 43, Jakarta, Indonesia)
- September, 1983
10TH INTERNATIONAL GEOCHEMICAL EXPLORATION SYMPOSIUM, Helsinki, Finland. Sponsored by the Association of Exploration Geochemistry. (L. K. Kauranne, Organizing Committee, 10th IGES., The Geological Survey of Finland, Kivimiehentie 1, 02150 Espoo 15, Finland)
- September, 1983
INTERNATIONAL SYMPOSIUM ON ENGINEERING GEOLOGY AND UNDERGROUND CONSTRUCTION, Lisbon, Portugal. (Sociedade Portuguesa de Geotecnia, c/o L.N.E.C., Av. Brasil, 101, 1799 Lisboa Codex, Portugal)
- September, 1983
 * **THE HERCYNIO-CALEDONIDE EVOLUTION OF MOROCCO**, Rabat, Morocco. Organized in collaboration with IGCP Project 27. (M. Bensaid, Colloque sur les hercynio - Caledonides du Maroc, Direction de la géologie, Ministère de l'Energie et des Mines, Rabat, Morocco)
- September 12 - 17, 1983
CARBONIFEROUS STRATIGRAPHY AND GEOLOGY, (10th International Congress), Madrid. Languages: English, French, German, and Spanish; English and Spanish preferred for oral presentations. (Comite Organizador del X Congreso Internacional de Estratigrafía y Geología del Carbonífero, Instituto Geológico Minero de España, Rios Rosas, 23-Madrid-3, Espana)
- September 19 - 23, 1983
WORLD ENERGY, (12th Conference), New Delhi. (E. Ruttley, World Energy Conference, 34 St. James Street, London SW1A 1HD, U.K.)
- October 1983
INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA, (71st Statutory Meeting), Göteborg, Sweden. (General Secretary ICES, Palaegade 2-4, 1261 Copenhagen, Denmark)
- October 31 - November 3, 1983
GEOLOGICAL SOCIETY OF AMERICA, (Annual Meeting), Indianapolis, Indiana, U.S.A. (Sue S. Beggs, Geological Society of America, P.O. Box 9140, 3300 Penrose Place, Boulder, CO 80301, U.S.A.)
- December, 1983
GEOLOGY OF SOMALIA, Mogadishu, Somalia. Languages: Somali, Arabic, English, Italian, French, Russian. (The Dean, Faculty of Geology, Somali National University, P.O. Box 1081, Mogadishu, Somali Democratic Republic)

1984

- August 4 - 14, 1984
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