COMING EVENTS

- May 22 - 25
SIXTH INTERNATIONAL CODATA CONFERENCE, Palermo, Sicily, Italy. (CODATA Secretariat, 51 Boulevard de Montmorency, 75016 Paris, France).
- May 23 - 25
FOURTH GENERAL ASSEMBLY OF EDITERRA, (followed by scientific sessions, to be held jointly with ELSE), Detmold, Federal Republic of Germany. Theme: Editing for Effective Scientific. Communication - Practical Approaches. (Miss N. Morris, Secretary, Bruins, 30 Longdown Road, Lower Bourne, Farnham, Surrey GU10 3JL, England, U.K.).
- May 25 - 27
CONFERENCE ON LUNAR MAPPING, Lagonissi (near Athens), Greece. (Prof. M. Moutsoulas, Astronomy Department, University of Athens, Athens 621, Greece).
- May 28 - June 10
XXI COSPAR PLENARY MEETING AND SPECIALIZED EVENTS, (including Symposium on Atmospheres and Surfaces of Planets: COSPAR-IAU-IUGG-IUTAM, Symposium on Solar-Terrestrial Physics: SCOSTEP-COSPAR-IAU-IUGG-IUPAP-URSI), Innsbruck, Austria. (COSPAR Secretariat, 51 Boulevard de Montmorency, 75016, Paris, France).
- May 29 - June 1
FIFTH INTERNATIONAL SYMPOSIUM ON SALT, Hamburg, Federal Republic of Germany. (Werner Pinkernelle, 3000 Hannover 72, Gerding-strasse 4C, Federal Republic of Germany).
- May 31 - June 3
INTERNATIONAL SYMPOSIUM ON HYDROGEOCHEMISTRY OF MINERALIZED WATERS, (organized by the Polish National Committee of the Intl. Assn. of Hydrogeologists). Cieplice Spa. Poland. (Dr. Z. Plochowski, Instytut Geologiczny, Rakowiecka 4, 02-517 Warsaw, Poland).
- June 2 - 4
EASTERN SECTION, NATIONAL ASSOCIATION OF GEOLOGY TEACHERS, (Spring Meeting), Shippensburg, Pa., U.S.A. (William A. Shirk, Department of Geography-Earth Science, Shippensburg State College, Pa. 17257, U.S.A.).
- June 2 - 7
WATER FOR HUMAN SURVIVAL, THIRD WORLD CONGRESS ON WATER RESOURCES, Sao Paulo, Brazil. (Terceiro Congresso Mundial de Recursos Hidricos, Caixa Postal 9721, Sao Paulo, Brazil).
- June 5 - 9
GROUND WATER POLLUTION BY OIL HYDRO-CARBONS, (International Symposium) Prague, C.S.S.R., with excursion. (Stavebni geologie n.p., Gorkého nam. 7, Praha 1, Czechoslovakia).
- June 12 - 21
METALLOGENY OF THE BALTIC SHIELD, (symposium with excursions), Helsinki, Finland. (Dr. Märku Mäkelä, Helsinki University of Technology, Department of Mining and Metallurgy, SF-02150 Espoo 15, Finland. Tel: 90-4512634).
- June 13 - 16
TRACE SUBSTANCES IN ENVIRONMENTAL HEALTH, (Conference), University of Missouri, Columbia, U.S.A. (Delbert D. Hemphill, 411 Clark Hall, University of Missouri, Columbia 65201, U.S.A.).
- June 17 - 23
CRUSTAL PROPERTIES ACROSS PASSIVE MARGINS, (Symposium with field trip), Halifax, N.S., Canada. Organized by Inter-Union Commission on Geodynamics, Commission on Marine Geology, (IUGS), jointly with Dalhousie University and Atlantic Geoscience Centre. (C.E. Keen, Atlantic Geoscience Centre, Geological Survey of Canada, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, N.S., Canada B2Y 4A2).
- June 18 - 23
AMERICAN NUCLEAR SOCIETY ANNUAL MEETING, San Diego, California, U.S.A. (William W. Colston, San Diego Gas & Electric Co., Box 1831, San Diego, California 92112, U.S.A.).
- June 19 - 23
INTERNATIONAL SYMPOSIUM ON ISOTOPE HYDROLOGY, Neuherberg (near Munich), Federal Republic of Germany. (Mr. W. Drost, Division of Research and Laboratories, International Atomic Energy Agency, P.O. Box 590, A-1011 Vienna, Austria).
- June 19 - 27
ELEVENTH CONGRESS OF THE INTERNATIONAL SOCIETY OF SOIL SCIENCE, Edmonton, Alberta, Canada, with field trips before and after. (11th ISSS Congress, Box 78, Sub. 11, University of Alberta, Edmonton, Alberta, Canada T6G 2E0).
- June 19 - 30
X-RAY POWDER DIFFRACTION, (Annual Short Course), Albany, N.Y., U.S.A. (Henry Chessin, Department of Physics, State University of New York, Albany, N.Y. 12222, U.S.A. Tel: 518-457-8339).
- June 23 - 28
INTERNATIONAL SYMPOSIUM ON WORLD OIL AND GAS OCCURRENCE, (sponsored by Canadian Society of Petroleum Geologists) Calgary, Alberta, Canada. Theme: Facts and principles of World Oil and Gas Occurrence, with field trips. (J. Browning, General Chairman, Intl. Symposium '78, c/o Loughheed Building, Calgary, Alberta, Canada T2P 1M7).
- June 25 - 30
SUBMARINE SLOPE, FAN AND TRENCH SEDIMENTATION: NEW CONCEPTS AND PROBLEM SOLVING, (Penrose Conference, organized by Geological Society of America, Smithsonian Institution, Ecole Nationale du Pétrole et des Moteurs de l'Institut Français du Pétrole), French Maritime Alps. (D.J. Stanley, Division of Sedimentology, E-109 Natural History Museum, Smithsonian Institution, Washington, D.C., 20560, U.S.A.).
- June 26 - 28
CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, INTERNATIONAL CONFERENCE, Calgary, Alberta. Conference with field trips to Alberta Foothills, Athabasca Tar Sands, Mackenzie Delta & Arctic Islands. (P. Batson, Gulf Oil Canada Ltd 707 7th Ave. S.W., Calgary, Canada T2P 2H7).
- June 26 - 28
NEOGENE DEPOSITS OF THE PACIFIC BASIN MEETING, (by IGCP Project 114 Working Group), Stanford, California, U.S.A. (Warren O. Addicott, U.S. Geological Survey, 345 Middlefield Rd., Menlo Park, California, 94025, U.S.A.).

June 27 - 29

EUROMECH 101 - INTERACTION BETWEEN FLOW AND RADIATIVE HEAT TRANSFER, Poitiers, France. (Prof. J.L. Peube, Laboratoire d'Energétique Solaire, Université de Poitiers, 86022 Poitiers, France).

July 2 - 4

FIFTH SOUTHEAST ASIAN CONFERENCE ON SOIL ENGINEERING, Bangkok, Thailand. (Dr. A.S. Balasubramaniam, Secretary, 5SEACSE, Asian Institute of Technology, P.O. Box 2754, Bangkok, Thailand).

July 2 - 29

INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, 10TH INTERNATIONAL CONGRESS, Jerusalem, Israel. Conference, July 9-13 and field trips, July 2-6 and 16-29. (G. Gvirtzman, Geological Survey of Israel, 30 Malkhei Israel St., Jerusalem, 95501, Israel).

July 3 - 8

REMOTE SENSING FOR EXPLORATION OF THE EARTH, ITS NATURAL RESOURCES AND ENDANGERED BIOSPHERE, Symposium organized by Comm. VII of the Intl. Soc. for Photogrammetry, Freiburg, Federal Republic of Germany. (Dr. H.J. Bohnel, Erbprinzenstrasse 17a, D-7800 Freiburg, Federal Republic of Germany).

July 5 - 6

INTERNATIONAL SYMPOSIUM ON SOFT CLAY, Bangkok, Thailand. (Dr. R.P. Brenner, Secretary ISSC, Asian Institute of Technology, P.O. Box 2754, Bangkok, Thailand).

July 5 - 9

TOBACCO ROOT GEOLOGICAL SOCIETY, (Annual Meeting), Missoula, Mont., U.S.A. Meeting July 5 and field trips, July 6-9. (Robert W. Lankston, 325 East 5th St., Moscow, Idaho, 82843 U.S.A.).

July 6 - 7

THE ON-LINE REVOLUTION IN INFORMATION, (Seminar), Paris, France. (ICSU AB Secrétariat, 17 rue Mirabeau, 75016 Paris, France).

July 7 - 9

EASTERN FEDERATION OF MINERAL & LAPIDARY SOCIETIES, (Meeting & Show), New Castle, Pa., U.S.A. (F.K. Szucs, Department of Geology, Slippery Rock, State College, Pa. 16057, U.S.A.).

July 10 - 13

THIRD INTERNATIONAL SYMPOSIUM ON PERMAFROST, Edmonton, Canada. Conference with field trips. (R.J.E. Brown, National Research Council, Ottawa, Canada K1A 0R6).

July 10 - 14

SIXTH INTERNATIONAL CLAY CONFERENCE, Oxford, U.K. Conference with field trips before and after. (1978 International Clay Conference, The Organizing Committee, c/o Institute of Geological Sciences, 67-78 Gray's Inn Road, London WC1X 8NG, U.K.).

July 17 - 19

MINERALOGY, GEOCHEMISTRY AND GEOLOGY OF NICKELIFEROUS LATERITIC MINERALS AND MATERIALS, (Colloquium), in Orléans, France. (Ecole Nationale Supérieure de Géologie Appliquée et de

Prospection Minière, B.P. 452, 54001 Nancy Cedex, France).

July 18 - 22

THIRD INTER-CONGRESS MEETING OF THE PACIFIC SCIENCE ASSOCIATION IN APPROPRIATE TECHNOLOGY, Bali, Indonesia. (Miss Sjamsiah Achmad, Indonesian Institute of Sciences, Tenka Cik Ditiro 43, P.O. Box 250, Jakarta, Indonesia).

July 25 - 27

GEO THERMAL RESOURCES COUNCIL, (Annual Meeting), Hilo, Hawaii. (Beverly A. Hall, Geothermal Resources Council, Box 1033, Davis, California 95616, U.S.A., Tel: 916-758-2360).

July 25 - August 8

REGIONAL CONFERENCE OF THE INTERNATIONAL GEOGRAPHICAL UNION, Lagos, Nigeria. Conference with field trips. Theme: Resources and Development in Africa. (Prof. P.O. Sada, Secretary-General, Regional Conference Organizing Committee, University of Benin, Benin City, Nigeria).

July 30 - August 2

SOIL CONSERVATION SOCIETY OF AMERICA, (Meeting), Denver, Colorado, U.S.A. (Larry D. Davis, Soil Conservation Society of America, 7515 Northeast Ankeny Rd., Ankeny, Iowa 50021, U.S.A.).

July 30 - August 5

SECOND CIRCUM-PACIFIC ENERGY AND MINERAL RESOURCES CONFERENCE, Honolulu, Hawaii, U.S.A. Conference with field trips. Organized by the Circum-Pacific Council for Energy and Mineral Resources, sponsored by the AAPG (1978 Circum-Pacific Conf., c/o AAPG, P.O. Box 979, Tulsa, Oklahoma 74101, U.S.A.).

August 3 - 12

ELEVENTH GENERAL ASSEMBLY AND INTERNATIONAL CONGRESS OF CRYSTALLOGRAPHY, Warsaw, Poland. (11th Intl. Congress of Crystallography, Polish Academy of Sciences, Institute of Physics, IF PAN Sl-1, Al. Lotnikow 32/46, Pawilon 9, 02-668 Warsaw, Poland).

August 3 - 18

ARCHEAN GEOCHEMISTRY, (Field trip), Superior Geotraverse region, Ontario, Canada and northern and central Minnesota, U.S.A. (A.M. Goodwin, Department of Geology, University of Toronto, Ontario, Canada).

August 7 - 12

ICE PROBLEMS, INTERNATIONAL SYMPOSIUM, University of Lulea, Sweden. Topics: ice in estuaries & harbors; thermal regime of ice-covered waters; mechanics of broken ice masses; ice forces on structures. (Organizing secretary, Town of Lulea Information Office, Fack, S-95185 Lulea, Sweden).

August 7 - 25

FIFTH IAGOD SYMPOSIUM, Snowbird, Alta, Utah, U.S.A. Conference with field trips. (Dr. C.B. Sclar, General Secretary, 5th IAGOD Symp., Dept. of Geological Sciences, Williams Hall No. 31, Lehigh University, Bethlehem, Pa. 18015, U.S.A.).

August 14 - 17

41ST ANNUAL MEETING OF THE METEORITICAL SOCIETY, Sudbury, Ont., Canada, with field trips.

(Dr. M. Dence, Earth Physics Branch, Dept. of Energy, Mines and Resources, Ottawa, Canada K1A 0Y3).

August 14 - 20

IGCP PROJECT 156: PHOSPHORITES PROTEROZOIC-CAMBRIAN, (International Field Workshop and Seminar) Mount Isa Area, Australia. (Dr. P.J. Cook, Research School of Earth Sciences, Australian National University, P.O. Box 4, Canberra, A.C.T. 2601, Australia).

August 16 - 19

GLACIER BEDS: THE ICE-ROCK INTERFACE, (Symposium), Ottawa, Canada. (C.S.L. Ommanney, Glaciology Division, Environment Canada, Ottawa, Canada K1A 0E7).

August 20 - 25

GEOCHRONOLOGY, COSMOCHRONOLOGY AND ISOTOPE GEOLOGY, 4TH INTERNATIONAL CONFERENCE, Snowmass, Colorado, U.S.A. Conference with field trips to Colorado, Yellowstone and California. (I. Friedman, U.S. Geological Survey, Mail Stop 963, Federal Center, Denver, Colorado, 80225, U.S.A.).

August 20 - 25

PERUVIAN GEOLOGICAL CONGRESS AND FIRST SOUTH AMERICAN ORE DEPOSITS SYMPOSIUM, Lima, Peru. (Victor Lay, IV Congreso Peruano de Geologia, Arnaldo Marquez 2277, Jesus Maria, Lima 11, Peru).

August 21 - 25

DYNAMICS OF LARGE ICE MASSES, (Symposium), Ottawa, Canada. (H. Richardson, International Glaciological Society, Lensfield Road, Cambridge CB2 1ER, England, U.K.).

August 28 - 30

CALEDONIDES OF THE BRITISH ISLES AND DEFORMATION AND METAMORPHISM IN THE CALEDONIDE OROGEN, Dublin, Ireland. Conference with field trips to the Caledonides of Ireland, Scotland, England, and Wales. (B. MacMahon, Silverdale Travel Ltd., 31 Exchequer St., Dublin 2, Ireland).

August 28 - September 6

EUROSIBERIAN SUB-COMMISSION OF THE INQUA HOLOCENE COMMISSION, (Field Meeting), Northern Finland. (Y. Vasari, Dept. of Botany, University of Oulu, SF-90100 Oulu 10, Finland).

August 29 - September 1

FIFTH MEETING OF THE EUROPEAN GEOPHYSICAL SOCIETY, JOINTLY WITH THE EUROPEAN SEISMOLOGICAL COMMISSION, Strasbourg, France. (The Programme Committee, Fifth EGS Meeting, Institut de Physique du Globe, Université Louis Pasteur, 5 rue Rene Descartes, 67084 Strasbourg Cedex, France).

September 2 - 4

AMERICAN QUATERNARY ASSOCIATION, FIFTH BIENNIAL CONFERENCE, Edmonton, Alberta, Canada. Theme: The ice-free corridor and peopling the New World. (N.W. Rutter, Dept. of Geology, University of Alberta, Edmonton, Canada T6G 2E3).

September 4 - 8

THIRD INTERNATIONAL CONGRESS OF THE INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY, Madrid, Spain. (Dr. A.G. Yague,

Secretary 3rd Intl. Congress of IAEG, Servicio geologico de Obras Publicas, Avenida de Portugal 81, Madrid 11, Spain).

September 4 - 8

FIFTH INTERNATIONAL SYMPOSIUM ON LIVING AND FOSSIL DIATOMS, Antwerp, Belgium. Conference with excursions. (Dr. J. Barron, U.S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025, U.S.A.).

September 4 - 10

XIth GENERAL MEETING OF THE INTERNATIONAL MINERALOGICAL ASSOCIATION, Novosibirsk, U.S.S.R. Conference with excursions. Theme: High Pressure Minerals and Magmas from the Mantle. (Dr. N.V. Sobolev, Jr., Institute of Geology and Geophysics, 630090 Novosibirsk-90, U.S.S.R.).

September 5 - 8

3RD OFFSHORE NORTH SEA CONFERENCE AND EXHIBITION, Stavanger, Norway. (Offshore North Sea 1978, Technology Conference and Exhibition, Kronprinsensgt. 9, Oslo 2, Norway).

September 9 - 12

INTERNATIONAL SYMPOSIUM ON THE DEVONIAN SYSTEM, (organized by the Palaeontological Association) Bristol, U.K. Conference with field trips. (The Secretary, P.A.D.S. 1978, Dept. of Geology, Queen's Building, University Walk, Bristol BS8 1TR, England, U.K.).

September 10 - 17

JAHRESTAGUNG DER DEUTSCHEN MINERALOGISCHEN GESELLSCHAFT, Erlangen, B.R. Deutschland. (Mineralogisches Institut der Universität, Schlossgarten, 8520 Erlangen, Federal Republic of Germany).

September 10 - 17

SYMPOSIUM ON THE GENESIS AND LITHOLOGY OF MORAINIC DEPOSITS IN AN ALPINE ENVIRONMENT, (by the INQUA Commission on Genesis and Lithology of Quaternary Deposits), Zurich, Switzerland. (Ch. Schluchter, INQUA-Symposium "Moränen" 1978, Institut für Grundbau und Bodenmechanik, ETH - Honggerberg, CH-8093 Zurich, Switzerland).

September 11 - 13

RESOURCES OF THE WIND RIVER BASIN, (organized by Wyoming Geological Association), Casper, Wyoming, U.S.A. Annual symposium and field trip. (Calvin D. Sands, Wyoming Geological Association, Box 545, Casper, WY. 82602, U.S.A.).

September 11 - 15

INTERNATIONAL SYMPOSIUM ON MODELLING THE WATER QUALITY OF THE HYDROLOGICAL CYCLE, Baden, Austria. (International Institute for Applied Systems Analysis (IIASA), A-2361 Luxenburg, Austria).

September 11 - 17

INTERNATIONAL SYMPOSIUM ON COASTAL EVOLUTION IN THE QUATERNARY, Sao Paulo, Brazil. (Dr. Kenitiro Suguio, Instituto de Geociencias - Univ. de Sao Paulo, Caixa Postal No. 20.899, 01.000 - Sao Paulo, Brasil).

September 12 - 23

INTERNATIONAL SYMPOSIUM OF THE INTERNATIONAL COMMISSION OF HISTORY OF GEOLOGY (INHIGEO),

- Münster, Westf., Federal Republic of Germany.
Theme: The regional influences on the origin and course of development of geological theories in the 18th and 19th century, with post-congress field meetings. (Prof. Dr. H. Hölder, Geol. Paläontologisches Institut der Universität, Gievenbecker Weg 61, 4400 Münster, Federal Republic of Germany).
- September 18 - 22
INTERNATIONAL SYMPOSIUM ON WATER IN MINING AND UNDERGROUND WORKS, Granada, Spain. (Prof. Dr. Ing. R. Fernandez-Rubio, Director of the Working Group on Hydrogeology, Universidad de Granada, Apartado de Correos 556, Granada, Spain).
- September 18 - 22
INTERNATIONAL CONFERENCE ON EXPERIMENTAL STRESS ANALYSIS, Stuttgart, Germany. (Society for Experimental Stress Analysis, 21 Bridge Square, Westport, Conn. 06880, U.S.A.).
- September 21 - 25
1978 EASTERN CANADA PALEONTOLOGY AND BIOSTRATIGRAPHY SEMINAR, Corner Brook, Newfoundland, Canada. (D. Skevington, Dept. of Geology, Memorial University, St. John's, Newfoundland, Canada A1B 3X5).
- September 22 - 24
NEW YORK STATE GEOLOGICAL ASSOCIATION, (50th Annual Meeting with field excursions) New York, U.S.A. (D.F. Merriam, Dept. of Geology, Syracuse University, Syracuse, N.Y. 13210, U.S.A.).
- September 24 - 28
MAGNETIC STRUCTURE OF OCEANIC BASEMENT, (GSA Penrose Conference), University of Cambridge, U.K. Sessions: DSDP drilling results; ocean-crust formation; magnetic-anomaly inversion models; ophiolites; crustal structure & evolution. Optional field trip to the fens of Cambridgeshire & Norfolk. (H.P. Johnson, Department of Oceanography, University of Washington, Seattle, Wa. 98195, U.S.A.).
- September 24 - October 1
EUROPEAN PALAEONTOLOGICAL CONVENTION-1978, (Joint meeting of the Palaontologische Gesellschaft, F.R.G. and the Palaeontological Association, U.K., with excursions) Maastricht, Netherlands. Theme: Evolutionary Changes in Fossilisation Potential. (Prof. Dr. A. Seilacher, Geologisches Institut, Sigwartstrasse 10, Tübingen, Federal Republic of Germany).
- September 25 - 29
MODELING SNOW-COVER RUNOFF, (Meeting by the National Weather Service, Corps of Engineers, American Geophysical Union Section of Hydrology & American Meteorological Society), Hannover, N.H., U.S.A. Topics: snow accumulation & distribution; energy & mass flux at the snow surface; water routing & the properties of snow; snow-soil interactions; integrated watershed models. (American Geophysical Union, 1909 K St. NW, Washington, D.C. 20006, U.S.A.).
- September
2ND SYMPOSIUM ON THE GEOLOGY OF LIBYA, (sponsored by the Geology Dept., Fac. of Science, Univ. of Al-Fateh, Tripoli) Tripoli, Libya. (Dr. M.H. Naggar, General Secretary, Second Symposium on the Geology of Libya, Geology Dept., Faculty of Science, Univ. of Al-Fateh, P.O. Box 656, Tripoli, Libyan Arab Socialist People's Jamahiria).
- October 2 - 5
INTERNATIONAL SYMPOSIUM ON APPLICATIONS OF GEODESY TO GEODYNAMICS, Columbus, Ohio, U.S.A. (I.A. Mueller, Dept. of Geodetic Science, Ohio State University, 1958 Nell Ave., Columbus, Ohio 43210, U.S.A.).
- October 2 - 11
LITHOSPHERE-ASTHENOSPHERE INTERACTION - ITS ROLE IN TECTONIC PROCESSES, (with Bureau and Commission meetings of Inter-Union Commission on Geodynamics) Leningrad, U.S.S.R. (Dr. R.D. Russell, Sec. General, ICG, Dept. of Geophysics and Astronomy, University of British Columbia, 2075 Wesbrook Place, Vancouver, B.C. Canada V6T 1W5. Tel: 604-228-4132).
- October 5 - 7
EARTHQUAKE ENGINEERING, (Symposium), Roorkee, India. (6th SEE, School of Research & Training in Earthquake Engineering, University of Roorkee, Roorkee-24667, U.P., India).
- October 5 - 19
PLIOCENE/PLEISTOCENE BOUNDARY IN NORTH AMERICA, (International field conference), California, Nebraska, with optional extensions to Arizona, October 4, and Kansas and Texas, October 20-22. (W.A. Berggren, Department of Geology and Geophysics, Woods Hole Oceanographic Institute, Woods Hole, Mass. 02543, U.S.A.).
- October 8 - 11
CLAY MINERALS CONFERENCE, Bloomington, Indiana, U.S.A. (Haydn Murray, Department of Geology, Indiana University, Bloomington, Ind. 47401, U.S.A.).
- October 8 - 17
RIFT ZONES OF THE EARTH: TECTONICS AND MAGMATISM OF THE RIO GRANDE RIFT, (Symposium by Working Group 4, Inter-Union Commission for Geodynamics and U.S. Natl. Committee for Geodynamics, with field trip) Santa Fe, N.M., U.S.A. (C. Cuntz, Los Alamos Scientific Laboratory, ISD-2, MS355 Box 1663, Los Alamos, N.M. 87545, U.S.A.).
- October 9 - 12
BAUXITES, ALUMINA AND ALUMINIUM, (International congress), Athens, Greece. (S.S. Augustithis, Department of Mineralogy-Petrography-Geology, National Technical University, Box 1006, Athens, Greece).
- October 9 - 12
INTERNATIONAL MINING SHOW, Las Vegas, Nevada, U.S.A. (American Mining Congress, 1100 Ring Building, Washington, D.C. 20036, U.S.A.).
- October 9 - 14
GEODYNAMIC AND BIODYNAMIC EFFECTS OF THE MESSINIAN SALINITY CRISIS IN THE MEDITERRANEAN, (International symposium), Rome, Italy. Meeting, October 9-11, co-sponsored by IGCP Project 96 - Messinian Correlation - and by Working Group 3, Inter-Union Commission on Geodynamics with three day post-symposium excursion to Tuscany, October 12-14. (Maria

Bianca Cita, Accademia Nazionale dei Lincei, via della Lungara 10, Rome, Italy).

Breck, SEG Headquarters, Box 3098, Tulsa 74101, U.S.A.).

October 11 - 13

GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES (AAPG) & GULF COAST SECTION (SEPM), (Annual Meeting), New Orleans, U.S.A. (J. Braunstein, Shell Oil Co., Box 60775, New Orleans 70160, U.S.A.).

October 11 - 13

HAUPTVERSAMMLUNG DER DEUTSCHEN GEOLOGISCHEN GESELLSCHAFT, Aachen, B.R. Deutschland. (Geologisches Institut der RWTH, Wüllnerstrasse 2, 5100 Aachen, B.R. Deutschland).

October 11 - 22

NICKEL SULFIDE DEPOSITS (by Mineralogical Association of Canada), Toronto, Canada. Symposium, October 21-22, preceded by field trip to Abitibi, Sudbury, Ontario and Thompson, Manitoba. Registration deadline - June, 1978. (A.J. Naldrett, Department of Geology, University of Toronto, Toronto, Canada M5S 1A1).

October 15 - 17

EASTERN SECTION AAPG, (Annual Meeting), Cleveland, Ohio, U.S.A. (J.A. Noel, Dept. of Geology, Wright State University, Dayton, Ohio 45431, U.S.A.).

October 16 - 21

ASSOCIATION OF ENGINEERING GEOLOGISTS, (Annual Meeting), Hershey, Pa., U.S.A. (D.R. Thompson, 1007 Drexel Hills Blvd., New Cumberland, Pa. 17070, U.S.A.).

October 16 - 21

GEOPHYSICS AND THE STRUCTURE OF FOLDED BELTS, (GSA Penrose Conference) Locarno, Switzerland. (B.C. Burchfield, Massachusetts Institute of Technology, 54-1010, Cambridge 02139, U.S.A.).

October 23 - 26

GEOLOGICAL ASSOCIATION OF CANADA AND MINERALOGICAL ASSOCIATION OF CANADA, JOINTLY WITH GEOLOGICAL SOCIETY OF AMERICA AND ASSOCIATED SOCIETIES (Annual meetings), Toronto, Canada. (Fred Handy, GSA, 3300 Penrose Place, Boulder, Colo. 80301, U.S.A.; Paul M. Kavanagh, Box 4170, Postal Station 'A', Toronto, Canada M5W 1T2).

October 24 - 29

EUROPEAN OFFSHORE PETROLEUM CONFERENCE AND EXHIBITION, London, U.K. (The Institute of Petroleum, 61, New Cavendish Street, London W1M 8AR, England, U.K.).

October 27 - 29

URANIUM DEPOSITS, THEIR MINERALOGY AND ORIGIN, (Short Course), Toronto, Ontario. The course will follow the joint annual meetings of the Mineralogical Association of Canada, Geological Association of Canada and Geological Society of America. The Conference fee is \$250 (\$150 for students). (Professor M.M. Kimberley, Room 3002, Erindale College, University of Toronto, Mississauga, Ont., Canada L5L 1C6).

October 29 - November 2

SOCIETY OF EXPLORATION GEOPHYSICISTS, (Annual Meeting), San Francisco, California. (Howard

November 1 - 2

THE EVIDENCE FOR CHEMICAL HETEROGENEITY IN THE EARTH'S MANTLE, (Meeting by the Royal Society), London, U.K. (The Executive Secretary, The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, U.K.).

November 5 - 10

URANIUM MINING TECHNOLOGY, (Conference), Reno, Nevada. (Jan Dunbar, Conferences & Institutes, University of Nevada, Reno, 89557, U.S.A. Tel: 702-784-4064).

November 14 - 17

THIRD REGIONAL CONFERENCE ON GEOLOGY AND MINERAL RESOURCES OF SOUTHEAST ASIA, Bangkok, Thailand. Organized by Geological Society of Thailand, Asian Institute of Technology, Department of Mineral Resources, Thailand, with excursions after the congress. A 5-day pre-conference short course on Computer Applications in Geosciences is planned. (Prinya Nutalaya, Asian Institute of Technology, P.O. Box 2754, Bangkok, Thailand / Sermsakdi Kulvanich, Geological Society of Thailand, P.O. Box 4-169, Bangkok 4, Thailand).

December 4 - 8

AMERICAN GEOPHYSICAL UNION, (Annual Fall Meeting), San Francisco, California. (American Geophysical Union, 1909 K St. NW, Washington, D.C. 20006, U.S.A.).

December 28 - 31

FIFTH IRAQI GEOLOGICAL CONGRESS, Baghdad, Iraq. (Dr. I.I.M. Kassab, D.G. of Geological Survey and Mineral Exploration, P.O. Box 986, Alwiyah, Baghdad, Iraq).

1979

March 3

U.S. GEOLOGICAL SURVEY CENTENNIAL DAY, (Open House), Reston, Virginia; Rolla, Missouri; Denver, Colorado; Menlo Park, California. (Clifford Nelson, Mail Stop 950, U.S. Geological Survey, Reston, Virginia 22092, U.S.A.).

March 25 - 29

MIDDLE EAST OIL EXHIBITION & CONFERENCE, (By the Bahrain Ministry of Development & Industry), Bahrain. (Doug Ducate, Society of Petroleum Engineers, 6200 North Central Expressway, Dallas, Texas, 75206, U.S.A.).

April 1 - 4

AAPG-SEPM ANNUAL MEETING, Houston, Texas, U.S.A. (Kathy Watson, AAPG, Box 979, Tulsa, Oklahoma 74101, U.S.A. Tel: 918-584-2555).

Spring

TUNNELLING '79, INTERNATIONAL SYMPOSIUM AND EXHIBITION, London, U.K. (The Secretary, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.).

Spring

INTERNATIONAL SYMPOSIUM ON COASTAL DYNAMICS OF INLAND SEAS, LAKES AND OCEANS, Burlington,

- Ontario, Canada. (Dr. A.R. LeFeuvre, Director, Canada Centre for Inland Waters, 867 Lakeshore Road, Burlington, Ontario, Canada L7R 4A6).
- April 2 - 6
THIRD INTERNATIONAL CONFERENCE ON NUMERICAL METHODS IN GEOMECHANICS, Aachen, Federal Republic of Germany. (Prof. Dr. Ing. W.White, Chairman, 3rd International Conference on Numerical Methods in Geomechanics, Mies-van-der-Rohe Str. 1, D5100 Aachen, Federal Republic of Germany).
- April 2 - 7
INTERNATIONAL OPHIOLITE SYMPOSIUM, (Sponsored by Republic of Cyprus & IAVCEI, with field excursion) Nicosia, Cyprus. (Secretary, International Ophiolite Symposium, Geological Survey Department, Nicosia, Cyprus).
- May 10 - June 1
9TH INTERNATIONAL CONGRESS OF CARBONIFEROUS STRATIGRAPHY & GEOLOGY, Washington, D.C. and Urbana, Ill., U.S.A. Technical sessions, May 21-25 with pre and post Congress field trips. (IXICC 1979, Museum of Natural History, Washington, D.C., 20560).
- May 14 - 18
INTERNATIONAL HYDROGRAPHIC TECHNICAL CONFERENCE, (by the Canadian Hydrographic Service, Fédération Internationale des Géomètres & The Canadian Institute of Surveying) Ottawa, Ontario, Canada. Theme: Development of ocean resources. (The Organizing Committee, International Hydrographic Technical Conference, Room 209, 615 Booth St., Ottawa, Ont., Canada K1A 0E6).
- May 29 - June 9
XXIIND COSPAR PLENARY MEETING AND ASSOCIATED SYMPOSIUM, Bangalore, India. (COSPAR Secretariat, 51 Boulevard de Montmorency, 75016 Paris, France).
- June 3 - 6
ROCKY MOUNTAIN SECTION, AAPG-SEPM, Casper, Wyoming. (Willard J. Guy, Union Oil Co. of California, Box 2620, Casper, Wy. 82601, U.S.A.).
- June 18 - 20
RAPID EXCAVATION AND TUNNELING CONFERENCE, Salt Lake City, U.S.A. (Society of Mining Engineers, Box 8800, Salt Lake City, Utah 84108, U.S.A.).
- July 7 - 15
FOURTH LATIN AMERICAN GEOLOGICAL CONGRESS, (Congress and field trips), Trinidad and Tobago, West Indies. Deadline to avoid penalty for registration - 1 July, 1978. (Fourth Latin American Geological Congress, P.O. Box 771, Port of Spain, Republic of Trinidad and Tobago).
- August 22 - 24
EARTHQUAKE ENGINEERING, (Meeting), Stanford, California. (Susan Newman, Earthquake Engineering Institute, 424 40th St., Oakland, Calif. 94609, U.S.A.).
- August
14TH PACIFIC SCIENCE CONGRESS, (Organized by the Pacific Science Assn.) Novosibirsk, U.S.S.R. (Pacific Science Association, P.O. Box 6037, Honolulu, Hawaii, 96818, U.S.A.).
- August 27 - 30
NORWEGIAN SEA SYMPOSIUM (NSS-79), Tromsø, Norway. Continental margins and adjacent sedimentary basins. (Norwegian Petroleum Society NPF, Kronprins gt. 9, Oslo 2, Norway. Tel: 20 70 25).
- August - September
UN CONFERENCE ON SCIENCE AND TECHNOLOGY FOR DEVELOPMENT, Vienna, Austria. (UNCSTD Secretariat, Room DC1148, United Nations, New York, N.Y. 10017, U.S.A.).
- September 27 - October 2
VIITH INTERNATIONAL CONGRESS ON MEDITERRANEAN NEOGENE, Athens, Greece. Conference with excursions before and after to Crete, Attica, Megara-Peloponnesis-Zakynthos, Macedonia. (Dr. M. Dermitzakis, Gen. Secretary Organ. Committee, Dept. of Geology and Paleontology, Athens University, 46 Akadimias Str., Athens 143, Greece).
- September 3 - 6
SYMPOSIUM ON ENGINEERING GEOLOGY MAPPING, Newcastle upon Tyne, England, U.K. (Prof. W.R. Dearman, Engineering Geology Unit, Drummond Building, The University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, England, U.K.).
- September 3 - 8
SIXTH EUROPEAN COLLOQUIUM ON GEOCHRONOLOGY, COSMOCHRONOLOGY AND ISOTOPE GEOLOGY (ECOG VI), Lillehammer, Norway. Meeting followed by excursion on September 7 and 8. (K.S. Heier, ECOG VI, Norges geologiske undersøkelse, P.O. Box 3006, 7001 Trondheim, Norway).
- September
ENGINEERING-GEOLOGICAL PROBLEMS IN DAM CONSTRUCTION, Tbilisi, U.S.S.R. Symposium with pre- and post-symposium field trips. (Prof. Josif M. Buachidze, Chairman of Organizing Committee, Department of Hydrology and Engineering Geology of the Academy of Sciences of the Georgian Soviet Socialist Republic, Rustaveli Avenue 52, Tbilisi 380008, U.S.S.R.).
- September
FOURTH INTERNATIONAL CONFERENCE ON ASBESTOS, Torino, Italy. (V. Badino, Conference Secretary, Instituto di Arte Mineraria Politecnico, Corso Duca degli Abruzzi 24, 10129 Torino, Italy).
- October 16 - 20
ASSOCIATION OF ENGINEERING GEOLOGISTS, (Annual Meeting), Chicago, Illinois. (Abe Dolgoff, Sargent & Lundy Inc., 55 East Monroe St., Chicago, Ill. 60603, U.S.A. Tel: 312-269-2000).
- November 4 - 8
INTERNATIONAL MINE VENTILATION CONGRESS, Reno, Nevada. (Jan Dunbar, Conferences & Institutes, University of Nevada, Reno, 89557, U.S.A. Tel: 702-784-4046).
- November 5 - 7
GEOLOGICAL SOCIETY OF AMERICA AND ASSOCIATED SOCIETIES, San Diego, California, U.S.A. (Fred Handy, GSA, 3300 Penrose Place, Boulder, Colo. 80301, U.S.A.).

December 2 - 15

GENERAL ASSEMBLY IUGG-IAHS, Canberra,
Australia. (Secretariat IAHS/IUGG, 19 rue
Eugène-Carrière, 75018 Paris, France).

June 29 - July 6

FIFTH INTERNATIONAL PALYNOLOGICAL CONFERENCE,
Cambridge, England, U.K. Conference with field
excursions. (Dr. N.F. Hughes, Sedgwick Museum,
Cambridge, U.K.).

1980

May

INTERNATIONAL ARCHEAN SYMPOSIUM, Perth,
Australia. Sponsored by IGCP Archean
Geochemistry project and Geol. Society of
Australia. (Dr. J.A. Hallberg, Archean
Symposium, CSIRO, Division of Mineralogy,
Floreath Park, Western Australia, 6014).

July 7 - 17

26TH INTERNATIONAL GEOLOGICAL CONGRESS, Paris,
France. (Secrétariat Général du 26ème C.G.I.,
Maison de la Géologie, 77-79 rue Claude-Bernard,
75005 Paris, France).

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