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 Geodynamics (ICG).

1979

- July 7-15
FOURTH LATIN AMERICAN GEOLOGICAL CONGRESS, (Congress and field trips), Trinidad and Tobago, West Indies. (Fourth Latin American Geological Congress, P.O. Box 771, Port of Spain, Republic of Trinidad and Tobago).
- July 9-15
METHODS OF ESTIMATING GROUNDWATER RESOURCES (Symposium with field trips), Vilnius, U.S.S.R. Sponsored by the National Committee of Geologists of the U.S.S.R., Academy of Sciences of the U.S.S.R., U.S.S.R. Ministry of Geology and the Dept. of Ministers of the Lithuanian SSR, in cooperation with the International Association of Hydrogeologists. (P.E. LaMoreaux, Box 2310, Tuscaloosa, AL 35401, U.S.A.).
- July 16-22
HAWAII SYMPOSIUM ON INTRAPLATE VOLCANISM AND SUBMARINE VOLCANISM, Hilo, Hawaii, U.S.A. Sponsored by IAVCEI, ICG, Hawaii Institute of Geophysics of the University of Hawaii, The Hawaiian Volcano Observatory and the U.S. Geodynamics Committee. (Hawaii Symposium, The Western Experience, 1140 Pearl Street, Suite 219, Boulder, Colorado, 80302, U.S.A.).
- July 21-29
OSTRACODA - 7th INTERNATIONAL SYMPOSIUM, Beograd, Yugoslavia. Meeting with field excursions. (N. Krstic, Geoinstitute, 11000 Beograd, Rovinska 12, P.O.B. 158, Yugoslavia).
- August
OCEAN MINING FOR MANGANESE NODULES, (Course), Reno, Nevada. (Jan Dunbar-Douglas, Program Coordinator, Conferences and Institutes, Extended Programs and Continuing Education, University of Nevada, Reno, NV 89557, U.S.A. Tel: 702-784-4046).
- August 6-11
SECOND CHILEAN GEOLOGICAL CONGRESS, Arica, Chile. Organized by Instituto de Investigaciones Geológicas. (II Congreso Geológico Chileno, Instituto de Investigaciones Geológicas, Casilla 10463, Santiago, Chile).
- August 12-18
U.S. NATIONAL COMMISSION ON ARCHEAN GEOCHEMISTRY, Beartooth Mountains, Montana, U.S.A. (Paul Mueller, Dept. of Geology, University of Florida, Gainesville, Florida 32611, U.S.A.).
- August 13-18
AUSTRALIA'S ROLE IN THE WORLD MINERAL INDUSTRY Perth, Australia. Annual meeting of the Australasian Institute of Mining and Metallurgy. (W.E. Vance, Australasian Institute of Mining and Metallurgy, Clunies Ross House, 191 Royal Parade, Parkville, Victoria 3052, Australia).
- August 15 - October 15
GEOCHIM 1979, (Postgraduate training course), Prague, Czechoslovakia. Two month course with limited admission, some grants available. Organized by geological institutes in Czechoslovakia and sponsored by UNESCO and the International Association of Geochemistry and Cosmochemistry. (GEOCHIM CSSR UNESCO 1979, Geological Survey (UUG), 118 21 Prague 1, Malostranske nam. 19, Czechoslovakia).
- August 20-31
UN CONFERENCE ON SCIENCE AND TECHNOLOGY FOR DEVELOPMENT, Vienna, Austria. (UNCSTD Secretariat, Room DC1148, United Nations, New York, N.Y. 10017, U.S.A.).
- August 20-24
FERTILIZER RAW MATERIAL RESOURCES WORKSHOP, Honolulu, Hawaii. Workshop sponsored by CPEMRC, CCOP, CCOP/SOPAC and USGS to summarize status, outlook and opportunities for development of fertilizer raw material resources in the Asia and Pacific region. (Resource Systems Institute, East-West Center, Honolulu, Hawaii, U.S.A.).
- August 20 - September 5
XIV PACIFIC SCIENCE CONGRESS, (organized by the Pacific Science Assn.), Khabarovsk, U.S.S.R. (M.A. Drobyshev, Secretary General, XIV Pacific Science Congress, 12 Zhdanov St., Rm. 90, Moscow 103045, U.S.S.R.).
- * Special IGCP Symposia include: 1: Ophiolites (IGCP Project 39), 2: Marker sections of Miocene and Pliocene of the Pacific (IGCP Project 114), 3: Magmatism of the Pacific Belt (IGCP Project 30), 4: Metallogeny of the Pacific Ring's Precambrian (IGCP Project 91).
- August 22-24
EARTHQUAKE ENGINEERING, (Meeting), Stanford, California. (Susan Newman, Earthquake Engineering Research Institute, 2620 Telegraph Avenue, Berkeley, Calif. 94704, U.S.A. Tel: 415-848-0972).
- August 26-31
4th INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL BIOGEOCHEMISTRY, Canberra, Australia. Sponsored by the Australian Academy of Science, the main theme will be 'Evolving Ecosystems'. (Conference Secretary, 4th International Symposium on Environmental Biogeochemistry, Australian Academy of Science, PO Box 783, Canberra City, A. C. T. 2601, Australia).
- August 27-29
PROSPECTING IN AREAS OF GLACIATED TERRAIN 1979, (Conference and field excursions), Dublin, Ireland. Sponsored by the Irish Association of Economic Geology. (The Secretary, The Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.).
- August 27-30
NORWEGIAN SEA SYMPOSIUM (NSS-79), Tromsø, Norway. (Norwegian Petroleum Society NPF, Kronprins gt. 9, Oslo 2, Norway. Tel: 20 70 25).
- August 30 - September 7
* **ALPINE "HELMINTHOID FLYSCH" SEQUENCES**, (Field Workshop), France, Germany and Switzerland. 4th Workshop of IGCP Project 105: "Continental Margins of the Alps". (C. Caron, Institut de Géologie de l'Université Perolles, CH-1700 Fribourg, Switzerland).
- August 30 - September 15
* **IGCP PROJECT 27: CALEDONIDES OROGEN**, (Symposium and field trips), northeastern U.S.A. (IGCP Caledonides Conference, Weston Observatory of Boston College, Weston, Mass. 02193, U.S.A.).
- August - September
* **IGCP PROJECT 60: CORRELATION OF CALEDONIAN SULPHIDES**, Roros, Norway. Symposium on the geology of stratabound sulphide deposits in the Caledonian-Appalachian belt with field excursions to the central Scandinavian Caledonides. (F.M. Vokes, Geological Institutt, 7034 Trondheim-N.T.H., Norway).
- September 2-9
4th CONGRESS OF THE INTERNATIONAL SOCIETY FOR ROCK MECHANICS, Montreux, Switzerland. (Secrétariat du Congrès SIMR 1979, Case postale 98, CH 1000 Lausanne 20, Switzerland).
- September 2-12
L'HISTOIRE DU GONDWANA VUE DE MADAGASCAR, (Colloque), Tananarive, Madagascar. Sponsored by the Académie Malgache as part of its 75th Anniversary. (J.A. Rasoamahanina, Secrétariat Général du Colloque Gondwana, Service Géologique, BP. 322, Tananarive, Madagascar).
- September 3-6
SYMPOSIUM ON ENGINEERING GEOLOGY MAPPING, Newcastle upon Tyne, U.K. (W.R. Dearman, Engineering Geology Unit, Drummond Building, The University of Newcastle upon Tyne, Newcastle upon Tyne, NE1 7RU, England, U.K.).
- September 3-7
METEORITICAL SOCIETY ANNUAL MEETING, Heidelberg, Federal Republic of Germany. (T. Kirsten, Max Planck Institut für Kernphysik, Box 103980, Heidelberg, Federal Republic of Germany).
- September 3-8
6th 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 4-7
GEOCOME I: FIRST GEOLOGICAL CONGRESS ON THE MIDDLE EAST, Ankara, Turkey. Organized by the Mineral Research and Exploration Institute (MTA) and the Geological Society of Turkey (TJK). (GEOCOME I, Tahir Ongur, MTA Enstitüsü, Petrol ve Jeotermal Enerji Dairesi, MTA, Ankara, Turkey).
- September 4-11
* **VISTULIAN STRATIGRAPHY 1979**, Plock-Torun-Gdansk, Poland. Meeting organized by Polish National INQUA Committee with participation by IGCP Project 24: Quaternary glaciations in the northern hemisphere. (J.E. Mojski, Organizing Secretary, Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland).
- September 9-14
WORLD PETROLEUM CONGRESS, Bucharest, Romania. (American Petroleum Institute, 2102 L St. NW, Washington, D.C. 20037, U.S.A. Tel: 202-457-7320).
- September 10-13
9th INTERNATIONAL MEETING ON ORGANIC GEOCHEMISTRY, Newcastle, England, U.K. (A.G. Douglas, Organic Geochemistry Unit, The University, Newcastle upon Tyne, England, U.K.).
- September 10-13
7th EUROPEAN CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING, Brighton, U.K. (Conference Sec., ECSMFE, The Inst. of Civil Engineers, Great George Street, London, SW1P 3AA, U.K.).
- September 10-16
* **CRETACEOUS MAJOR TRANSGRESSIONS AND REGRESSIONS** (Symposium with field trips), London, U.K. First meeting of Working Group 1 of IGCP Project 58: Mid-Cretaceous Events. (T. Matsumoto, Department of Geology, Kyushu University 33, Fukuoka 812, Japan).
- September 14-17
RIFT ZONE OF THE EARTH: THE DEAD SEA RIFT, (Symposium), Jerusalem, Israel. Pre- and post-symposium field trips. (R. Freund, Geology Department, Hebrew University of Jerusalem, Israel).
- September 17-21
10th WORLD MINING CONGRESS, Istanbul, Turkey. (D. Madencilik, Kongresi Türk Milli Komitesi, Ziya Gökalp Cad. No. 17, Kat 8, Ankara, Turkey).
- September 17-23
* **HOLOCENE MARINE SEDIMENTATION IN THE NORTH SEA BASIN**, Texel, Netherlands. Meeting organized by the International Association of Sedimentologists. (North Sea 79, Sedimentology Group, Geological Institute, Oude Gracht 320, 3311 PL Utrecht, Netherlands).
- September 18-21
PETROLEUM POTENTIAL IN ISLAND ARCS, SMALL OCEAN BASINS, SUBMERGED MARGINS, AND RELATED AREAS, Suva, Fiji. (CCOP/SOPAC Technical Secretariat, Mineral Resources Division, Private Mail Bag, Suva, Fiji).
- September 18-22
EUROPEAN COPPER ORE DEPOSITS, (Symposium), Bor, Yugoslavia. (S. Jankovic, Faculty of Mining and Geology, Djusina 7-11000 Belgrade, Yugoslavia).
- September 18-24
* **CRETACEOUS-TERTIARY BOUNDARY EVENTS**, (Symposium with field excursions), Copenhagen, Denmark. Organized by the IUGS Subcommission on Cretaceous Stratigraphy and the Working Group on Cretaceous-Paleogene Boundary and the Geological Institute of the University of Copenhagen. (T. Birkelund, Institut for Historisk Geologi, Oster Voldgade 5-7, DK-1350 Copenhagen K, Denmark).
- September 19-23
FOURTH MEETING OF THE GEOLOGICAL SOCIETIES OF THE BRITISH ISLES, Sheffield, U.K. (D.W. Humphries, Department of Geology, University of Sheffield, Mappin Street, Sheffield S1 3JD, U.K.).
- September 22-29
GEOKONGRES 79, Port Elizabeth, South Africa. 18th Congress of the Geological Society of South Africa.

COMING EVENTS (Continued)

(Geokongres 79, University of Port Elizabeth, 6000 Port Elizabeth, South Africa. Tel: 041-5311-1911).

September 22-26

MESSINIAN, (Seminar), Cyprus. (F. Orzag-Sperber, Laboratoire de Géologie, Orsay, France).

September 24-27

GEOHERMAL RESOURCES COUNCIL, (Annual Meeting), Reno, Nevada. (Annual Meeting Coordinator, Geothermal Resources Council, P.O. Box 98, Davis, Ca. 95616, U.S.A. Tel: 916-758-1360).

September 24-29

IVth INTERNATIONAL SYMPOSIUM ON MINE SURVEYING, Aachen, Federal Republic of Germany. Conference with tours of mines. (H. Zimmermann, Markscheider, Sekretariat des IV. SM, Hollandstr. 57, D-4630 Bochum 6, Federal Republic of Germany).

September 26-28

NEW PROCESSES IN ALUMINIUM PRODUCTION, (Conference), Cagliari, Sardinia. Sponsored by International Committee for Studies of Bauxites, Alumina and Aluminium (ICSOBA), Associazione Italiano di Metallurgia (AIM), Società Mineraria Chimico-Metall. per l'Industria del l'Alluminio in Sardegna (ALSAR) and Società Alluminio e Metalli (ALUMETAL). (AIM, 20121 Milan, Piazzale Rodolfo Morandi 2, Italy).

September 27 - October 2

* **VIIIth INTERNATIONAL CONGRESS ON MEDITERRANEAN NEOGENE**, Athens, Greece. Conference with excursions before and after to Crete, Attica, Megara-Peloponnissos-Zakynthos, Macedonia. Organized by the Regional Committee on Mediterranean Neogene Stratigraphy, IUGS, and representatives of IGCP Projects 1, 25, 96 and 117. (M. Dermitzakis, Gen. Secretary Organ. Cttee., Dept. of Geology and Paleontology, Athens University, 46 Akadimias Str., Athens 143, Greece).

September

ENGINEERING-GEOLOGICAL PROBLEMS IN DAM CONSTRUCTIONS, (Symposium with field trips), Tbilisi, U.S.S.R. (Prof. Josif M. Buachidze, Chairman of Organ. Committee, Dept. of Hydrology and Engineering Geology of the Academy of Sciences of the Georgian SSR, Rustaveli Avenue 52, Tbilisi 380008, U.S.S.R.).

October 1 - 4

INTERNATIONAL SYMPOSIUM ON URANIUM EVALUATION AND MINING TECHNIQUES, Buenos Aires, Argentina. Symposium co-sponsored by the International Atomic Energy Agency and the Nuclear Energy Agency of OECD. (Miss C. de Mol van Otterloo, Secretariat, IAEA/NEA International Symposium on Uranium Evaluation and Mining Techniques, c/o IAEA, P.O. Box 590, Karntner Ring 11, A-1011 Vienna, Austria. Telex: 12 645, Cable address: INATOM VIENNA).

October 1-3

TENTH UNDERWATER MINING INSTITUTE, Galveston, Texas, U.S.A. (G. Hedden, Sea Grant Advisory Services, University of Wisconsin, 1815 University Ave., Madison, Wisconsin 53706, U.S.A. Tel: 608-262-0644).

October 2-6

ASSOCIATION OF ENGINEERING GEOLOGISTS, (Annual Meeting), Chicago, Illinois. (Abe Dolgoff, Sargent & Lundy Engineers, 55 East Monroe St., Chicago, Ill. 60603, U.S.A. Tel: 312-269-7142).

October 2-12

SHORT COURSES ON GEOSTATISTICS AND KRIGING, Seattle, Washington, U.S.A. Co-sponsored by Paris School of Mines and Battelle Pacific Northwest Laboratories. (Ms. P.G. Doctor, Battelle-Northwest, Box 999, Richland, WA 99352, U.S.A. Tel: 509-942-4326).

October 5-7

NEW YORK STATE GEOLOGICAL ASSOCIATION AND NEW ENGLAND INTERCOLLEGIATE GEOLOGICAL CONFERENCE, Troy, New York. One-day symposium and two-day field trip. (G.M. Friedman or Mrs. G. Hoffman, Dept. of Geology, Rensselaer Polytechnic Inst., Troy, New York 12181, U.S.A. Tel: 518-270-6474)

October 6-15

5th CONFERENCE ON AFRICAN GEOLOGY, Cairo, Egypt. Conference with post-meeting excursions. (B. Issawi, Geological Survey of Egypt, Abbassiya, P.O., Cairo, Egypt).

October 7-12

MESOZOIC AND CENOZOIC MICROPLATE TECTONICS OF WESTERN NORTH AMERICA, (GSA Penrose Confer-

ence), Lopez Island, Washington. (D.L. Jones, U.S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025, U.S.A.).

October 10-12

NEW YORK STATE GEOLOGICAL ASSOCIATION, New Jersey, U.S.A. (W. Manspeizer, Geology Dept., Rutgers University, Newark, 07102, U.S.A.).

October 14-17

ASSOCIATION OF EARTH SCIENCE EDITORS, (Annual Meeting), Tulsa, Oklahoma, U.S.A. (J.W. Henry, Society of Exploration Geophysicists, Box 3098, Tulsa 74101, U.S.A.).

October 14-19

RESOURCES FOR THE TWENTY-FIRST CENTURY, Reston, Virginia, U.S.A. International symposium sponsored by the U.S. Geological Survey on the occasion of its Centennial. Final day of symposium co-sponsored with the Commission for the Geological Map of the World. (Mary Ellen Williams, Executive Secretary, International Resources Symposium, U.S. Geological Survey, EGS Mail Stop 950, National Center, Reston, Virginia 22092, U.S.A.).

October 15-16

EARTH HEAT-PUMP SYSTEMS, Gothenburg, Sweden. (Ms. A-M. Helligren, Earth Heat Pump Group, Chalmers University of Technology, S-412 96 Gothenburg, Sweden).

October 16-19

CONFERENCE ON THE ANCIENT SUN: FOSSIL RECORD IN THE EARTH, MOON AND METEORITES, Boulder, Colorado, U.S.A. (Ms. Pamela P. Jones, Lunar and Planetary Institute, 3303 NASA Road One, Houston, TX 77058, U.S.A. Tel: 713-486-2150).

October 22 - December 14

ENGINEERING GEOLOGY IN DEVELOPING COUNTRIES, (Course), AIT, Bangkok, Thailand. This is first course in new AGID-organized Training Program for Geoscientists in Development (TPGD). Some scholarships will be available through application to Course Directors. (Course Directors, Engineering Geology in Developing Countries, Division of Geotechnical and Transportation Engineering, Asian Institute of Technology (AIT), P.O. Box 2754, Bangkok, Thailand).

October 26-27

* **COMPUTER APPLICATIONS IN THE EARTH SCIENCES - AN UPDATE OF THE 70's**, Syracuse, New York 13210, U.S.A. 8th Geochautauqua sponsored by the Department of Geology, Syracuse, Division of Marine Geology and Geophysics, University of Miami, and the International Association of Mathematical Geology. (D.F. Merriam, Department of Geology, Syracuse University, Syracuse, New York 13210, U.S.A., Tel: 315-423-2672).

October 29 - November 1

DIAGENETIC CONTROLS ON CARBONATE POROSITY, (Course), London, U.K. (AAPG Education Department, Box 979, Tulsa, Oklahoma 74101, U.S.A. Tel: 918-584-2555)

October 31 - November 3

12th MEETING OF THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, Dallas, Texas. Includes one-day special symposium: 'Kerogen Analysis - Visual and Geochemical Relationships'. (H.M. Simpson, Geological Science Group, Atlantic Richfield Company, Executive Plaza, Post Office Box 2819, Dallas, Texas 75221, U.S.A. Tel: 214-651-5151).

November 2-3

MARINE MINERALS, (Short course), San Diego, Calif., U.S.A. (R.G. Burns, 54-816, Department of Earth and Planetary Sciences, M.I.T., Cambridge, Mass. 02139, U.S.A.)

November 3-4

GEOWRITING FOR RESULTS, San Diego, California, U.S.A. A workshop on writing. (William H. Matthews III, Director of Education, American Geological Institute, Box 10031, Lamar University Station, Beaumont, TX-77710, U.S.A.).

November 4-7

* **INTERNATIONAL GEODYNAMICS PROJECT**, (Sympos.), San Diego, California, U.S.A. Sponsored by ICG Working Group 10. (G. Gastil, Department of Geological Sciences, San Diego State University, California 92182, U.S.A. Tel: 714-286-5586).

November 4

SKILLS FOR MOVING UP IN THE GEOSCIENCES, San Diego, California, U.S.A. Management skills workshop

organized by the AGI Women Geoscientists Committee. (Maura O'Hara, Earth Sciences Division, Lawrence Berkeley, Calif. 94720, U.S.A. or William H. Matthews III, Director of Education, American Geological Institute, Box 10031, Lamar University Station, Beaumont, TX-77710, U.S.A.).

November 4-8

SOCIETY OF EXPLORATION GEOPHYSICISTS, (49th Annual International Meeting and Exposition), New Orleans, Louisiana, U.S.A. (David Yowell, Convention Manager, SEG Headquarters, Box 3098, Tulsa, Oklahoma 74101, U.S.A.).

November 4-8

INTERNATIONAL MINE VENTILATION CONGRESS, Reno, Nevada. (Jan Dunbar-Douglas, Mackay School of Mines, Conferences & Institutes, University of Nevada, Reno, Nevada 89557, U.S.A. Tel: 702-784-4046).

November 5-7

GEOLOGICAL SOCIETY OF AMERICA AND ASSOCIATED SOCIETIES, (Annual meetings), San Diego, California, U.S.A. (Fred Handy, GSA, 3300 Penrose Place, Boulder, Colo., 80301, U.S.A.).

November 6-7

COMPARATIVE GEOLOGY OF PHOSPHATE AND OIL DEPOSITS, Orléans, France. (J. Debuisson, B.R.G.M., B.P. 6009, 45018 Orléans cédex, France).

November 12-14

CONFERENCE ON THE LUNAR HIGHLANDS CRUST, Houston, Texas, U.S.A. (Ms. Pamela P. Jones, Lunar and Planetary Institute, 3303 NASA Road One, Houston, TX 77058, U.S.A. Tel: 713-486-2150).

December 1-15

GENERAL ASSEMBLY, INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS (IUGG), Canberra, Australia. (P. Melchior, Secretary General, IUGG, Observatoire Royal de Belgique, 3 Avenue Circulaire, Brussels, B-1180, Belgium). Symposia of interest to geologists: 1) Geochemistry of oceans, atmosphere and crust, 2) Sea levels, ice sheets and climatic change, 3) Origin and nature of the Southern Ocean, 4) Relationship between earth's rotation and geophysical phenomena, 5) Geophysical implications of planetary studies, 6) Evolution of upper mantle, 7) Recent crustal movements, 8) Dynamics of core and mantle, 9) Physico-chemical properties of mantle materials at high pressure, 10) Heat production and generation of magmas, 11) Methods of assessing plate motions, 12) Global reconstruction and geomagnetic field during the Paleozoic, 13) Electrical conductivity and characteristics of the asthenosphere.

December 2-7

SIXTH PANAMERICAN CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING, Lima, Peru. (A. Carrillo Gil, Presidente, Comité Organizador del VI CPMSIF, Jr. Emilio Tomandez 296-OF. 703, Apartado Postal No. 11076, Lima, Peru).

December 2-7

DROUGHT, (Symposium), New Delhi, India. (A.I. Johnson, U.S. Geological Survey, M.S. 417, Reston, Virginia 22092, U.S.A.).

December 2-15

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

December 2-15

* **INTER-UNION COMMISSION ON GEODYNAMICS**, (Symposia and meetings of Bureau and Commission), Canberra, Australia. ICG Sponsored Symposia: 1) Anelastic properties and related processes in the earth's mantle, 2) Mechanism for graben formation, 3) Dynamics of plate interiors, 4) Margins of the Indian Ocean, 5) Tectonics of southeast Pacific, 6) Prediction of Natural Disasters, 7) Correlation of Tectonic Magmatic and Metamorphic Processes in the Circum-Pacific Belt. (R.D. Russell, Secretary General, ICG, Dept. of Geophysics and Astronomy, University of British Columbia, 2075 Wesbrook Place, Vancouver, B.C., Canada V6T 1W5).

December 3-7

AMERICAN GEOPHYSICAL UNION, FALL MEETING, San Francisco, U.S.A. (AGU, 2000 Florida Avenue, N.W., Washington, D.C. 20009, U.S.A.).

December 11-14

* **INTERNATIONAL SEMINAR ON LATERITISATION PROCESSES**, Trivandrum, India. Meeting of IGCP Project 129 with pre-session excursions. Sponsored

COMING EVENTS (Continued)

- by UNESCO and IUGS. (Secretary, Org. Committee, International Seminar on Lateritisation Processes, c/o Geological Survey of India, 3-6-266, Himayatnagar, Hyderabad 500 029, India. Tel: 32576, Telex: 015257).
- December 13-16
PROBLEMS OF MINERALIZATION ASSOCIATED WITH ACID MAGMATISM, Exeter, U.K. (M. Stone, Dept. of Geology, University of Exeter, North Park Road, Exeter, England, U.K.).
- December 17-19
EVOLUTION OF INDIA-PACIFIC PLATE BOUNDARIES, (Workshop and symposium), Sydney, Australia. (Convenors, Department of Geology and Geophysics, University of Sydney, Sydney, NSW 2006, Australia).
- 1980
- January 7-10
INTERNATIONAL CONFERENCE ON ENGINEERING FOR PROTECTION FROM NATURAL DISASTERS, Bangkok, Thailand. Sponsored by Asian Institute of Technology, Canadian International Development Agency, Southeast Asian Society of Soil Engineering. (Conference Secretary, ICEPND, Div. of Geotechnical and Transportation Engineering, AIT, P.O. Box 2754, Bangkok, Thailand).
- February 4-5
 * **METALLOGENESIS IN LATIN AMERICA**, (Sponsored by IUGS in cooperation with the Consejo de Recursos Minerales), Mexico City, Mexico. (J.L. Moreno, Conference Secretary, Consejo de Recursos Minerales, Av. Ninos Heroes No. 139, Mexico 7, D.F., Mexico. Tel: 578-5942, Telex: 01771382).
- February 11-16
 * **FIFTH GONDWANA SYMPOSIUM**, Wellington, New Zealand. Symposium and field trips organized under the auspices of the Royal Society of New Zealand and IUGS. Sessions planned: the reconstruction of Gondwanaland from geological and geophysical evidence; stratigraphy, paleontology and paleogeography of Gondwana cratonic sequences; evolution of the continental margin of Gondwanaland; the early break-up history of Gondwanaland; applications of Gondwana geology to earth resources. (C.J. Burgess, Fifth Gondwana Symposium, Victoria University of Wellington, Private Bag, Wellington, New Zealand).
- February 14-17
INTERDISCIPLINARY CONFERENCE ON EARTHQUAKE PREDICTION RESEARCH IN THE NORTH ANATOLIAN FAULT ZONE, Istanbul, Turkey. (A. Vogel, Institut für Geophysikalische Wissenschaften, Freie Universität Berlin, Rheinbabenallee 49, 1000 Berlin 33, F.R.G.).
- February 25-26
TIME SCALE SYMPOSIUM, London, U.K. Sponsored jointly by the Geological Society and the Royal Society of Edinburgh. (Secretary, Geological Society, Burlington House, Piccadilly, London, W1, U.K.).
- February 25-29
 * **INTERNATIONAL ALFRED WEGENER SYMPOSIUM**, Berlin, Federal Republic of Germany. Symposium in honour of Alfred Wegener (1880-1930), with scientific sessions on climate and continental drift. Organized by various German organizations including the National Committees of F.R.G. for IUGS, IUGG and the International Geodynamics Project. (Internationales Alfred Wegener Symposium, c/o P. Giese, Institut für Geophysikalische Wissenschaften, Rheinbaben-Allee 49, 1000 Berlin 33, Federal Republic of Germany).
- March 3-7
OCEANOLOGY INTERNATIONAL 80, Brighton, U.K. (Secretary, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.).
- March 4-6
PETROLEUM GEOLOGY OF THE CONTINENTAL SHELF OF NORTH-WEST EUROPE, London, U.K. (Miss I. McCann, Conference Officer, Institute of Petroleum, 61 New Cavendish Street, London, W1M 5AR, U.K. Tel: 01-636-1004, Telex: 264380).
- April 10-15
8th INTERNATIONAL GEOCHEMICAL EXPLORATION SYMPOSIUM, Hannover, F.R.G. Scientific, technical and poster sessions, exhibits, and pre- and post-symposium excursions. (H. Gundlach, Organizing Committee, 8th International Geochemical Exploration Symposium, P.O. Box 51 01 53, D-3000 Hannover 51, F.R.G.).
- April 14-18
APPLICATION OF RECENT DEVELOPMENTS IN HYDROLOGICAL FORECASTING IN THE OPERATION OF WATER RESOURCE SYSTEMS, (Symposium sponsored by IASH and co-sponsored by WMO and UNESCO at the invitation of the Royal Society), Oxford, U.K. (Institute of Hydrology, Wallingford, Oxon, U.K.).
- May 12-16
 * **INTERNATIONAL ARCHAEOAN SYMPOSIUM**, Perth, Australia. Sponsored by IGCP Archaeoan Geochemistry project and Geological Society of Australia. (J.A. Hallberg, Archaeoan Symposium, CSIRO, Division of Mineralogy, Private Bag, Wembley, Australia, 6014).
- May 19-21
HALIFAX '80 - ANNUAL MEETINGS OF GEOLOGICAL ASSOCIATION OF CANADA/MINERALOGICAL ASSOCIATION OF CANADA, Halifax, Nova Scotia, Canada. (D.J.W. Piper, Secretary, Halifax '80, Department of Geology, Dalhousie University, Halifax, Canada B3H 4H6).
- May 19-24
 * **CORRELATION OF CALEDONIAN STRATABOUND SULPHIDES**, Halifax, Nova Scotia, Canada. IGCP Symposium, Workshop and Field Trip. (D. F. Sangster, Geological Survey of Canada, 601 Booth Street, Ottawa, Canada, K1A 0E8. Tel: 613-995-4607).
- May 22-27
AMERICAN GEOPHYSICAL UNION, SPRING MEETING, Toronto, Canada. (AGU, 2000 Florida Avenue, N.W., Washington, D.C. 20009, U.S.A.).
- May 26-30
4th INTERNATIONAL CONFERENCE ON ASBESTOS, Turin, Italy. (Conference Secretary, Vanni Badino, Istituto di Arte Mineraria Politecnico, Corso Duca degli Abruzzi 24, 10129 Torino, Italy).
- May 27-30
NATIONAL AND INTERNATIONAL MANAGEMENT OF MINERAL RESOURCES, London, U.K. Joint meeting of IMM and AIMME. (The Secretary, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, England, U.K.).
- May 28-31
WATER AND RELATED LAND RESOURCES SYSTEMS, (Symposium), Cleveland, Ohio, U.S.A. (AGU Meetings, 1909 K Street, N.W., Washington, D.C. 20006, U.S.A.).
- June 3-6
42nd MEETING: EUROPEAN ASSOCIATION OF EXPLORATION GEOPHYSICISTS, Istanbul, Turkey. (A.W. Smit, Secretary-Treasurer, European Association of Exploration Geophysicists, 30 Carel Van Bylandtaan, The Hague, Netherlands).
- June 8-11
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS AND SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS, (Annual Meetings), Denver, U.S.A. (J.P. Lockridge, 1176 Lincoln Street, Suite 712, Denver, 80203, U.S.A.).
- June 23-27
ROCK STORE 80, Stockholm, Sweden. Symposium on subsurface space for environmental protection, low cost storage and energy savings. (Secretary General, c/o Stockholm Convention Bureau, Strandvagen 7 c, S-114 56 Stockholm, Sweden. Tel: 08-630-443, Telex: S 115 56).
- June 25-27
FORE-ARC SEDIMENTATION AND TECTONICS IN MODERN AND ANCIENT SUBDUCTION ZONES, London, U.K. (J.K. Leggett, Department of Geology, Imperial College, Prince Consort Road, London, SW7 2AZ, U.K.).
- June 29 - July 6
 * **FIFTH INTERNATIONAL PALYNOLOGICAL CONFERENCE**, Cambridge, England, U.K. Conference with field excursions. (Mrs. G.E. Drewry, Dept. of Geology, Sedgwick Museum, Downing Street, Cambridge CB2 3EQ, England, U.K.).
- July 4-7
 * **GENERAL MEETING OF THE INTERNATIONAL MINERALOGICAL ASSOCIATION (IMA)**, Orléans, France. Scientific and poster sessions, field excursions. (Secrétariat de la 12eme Assemblée Générale de l'IMA, B.R.G.M., BP 6009, 45018 Orléans Cédex, France).
- July 7-17
 * **26th INTERNATIONAL GEOLOGICAL CONGRESS**, Paris, France. (Paul Sangnier, Secrétaire Général du 26ème C.G.I., Maison de la Géologie, 77-79 rue Claude-Bernard, 75005 Paris, France).
- July 14-24
3rd INTERNATIONAL SYMPOSIUM ON WATER-ROCK INTERACTION, Edmonton, Alberta, Canada. Sponsored by IAGC and the Alberta Research Council. (B. Hitchon, Alberta Research Council, 11315 87th Avenue, Edmonton, Alberta, Canada T6G 2C2).
- July 29 - August 10
SECOND EUROPEAN CONODONT SYMPOSIUM (ECOS II), Austria and Czechoslovakia. Symposium with pre- and post symposium field trips co-sponsored by the Geological Survey of Austria and Geological Survey of Czechoslovakia. (ECOS II, Geological Survey of Austria, P.O. Box 154, Rasumofskygasse 23, A-1031 Vienna, Austria).
- August 18-20
AUTOMATION IN MINING, MINERAL AND METAL PROCESSING, Montreal, Canada. (Secrétariat, IFAC/AM-MMP, Centre de Développement Technologique, Ecole Polytechnique, C.P. 6079, Succ. 'A', Montréal, Québec, Canada H3C 3A7).
- September 8-13
WORLD CONFERENCE ON EARTHQUAKE ENGINEERING, Istanbul, Turkey. (A. Guprinar, Secretary, 7. WCEE, Yuksek Caddesi 7/B, Ankara, Turkey).
- September 8-16
HYDRAULIC RESEARCH AND RIVER BASIN DEVELOPMENT, Nairobi, Kenya. Seminar sponsored by the International Association for Hydraulic Research and UNESCO. (S. Bruk, Inst. for Water Resources, 'Jaroslav Cerni', Vele-Nigrinove 16, Belgrade, Yugoslavia).
- September 17-19
EUROTUNNEL '80, Basle, Switzerland. Conference on Tunnelling in Europe. (Secretary, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.).
- September 22-26
THIRD INTERNATIONAL CONGRESS ON THE HISTORY OF OCEANOGRAPHY, Woods Hole, Massachusetts, U.S.A. Celebration of 50th Anniversary of Woods Hole Oceanographic Institution. Offers of contributions should be submitted before 31 March, 1979. (D. Merriman, 298 Sperry Road, Bethany, Connecticut 06525, U.S.A.).
- September 29 - October 4
ASSEMBLY ON CURRENT AND FUTURE OCEANOGRAPHY, Woods Hole, Massachusetts, U.S.A. Part of celebration of 50th Anniversary of Woods Hole Oceanographic Institution. (P. Brewer, Dept. of Chemistry, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts 02543, U.S.A.).
- October 8-11
SEVENTH INTERNATIONAL CODATA CONFERENCE, Kyoto, Japan. (Y. Mashiko, c/o Japan Society for CODATA, Dai-ichi Kanamori Building, 1-5-31 Yushima, Bunkyo-ku, Tokyo, 113 Japan).
- October 13-17
SECOND INTERNATIONAL CONFERENCE OF SCIENTIFIC EDITORS, Amsterdam, Holland. (J.L. Heller, U.S. Geological Survey, MS 303, Box 25046, Federal Center, Denver, Colorado 80225, U.S.A.).
- October 19-22
ASSOCIATION OF EARTH SCIENCE EDITORS, Halifax, Canada. (M. Letremouille, Bedford Institute of Oceanography, Box 1006, Dartmouth, N.S., Canada B2Y 4A2).
- November 17-20
GEOLOGICAL SOCIETY OF AMERICA, (Annual meeting), Atlanta, U.S.A. (F.S. Handy, GSA, 3300 Penrose Place, Boulder, Colo. 80301, U.S.A.).