COMING EVENTS

- ★ 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).
- Signifies first announcement of meeting in EPISODES.

1986

November 1986

ENGINEERING IN COMPLEX ROCK FORMATIONS (International Symposium), Beijing, P.R. China. Languages: English and Chinese. (Secretary of the ECRF Symposium, Institute of Geophysics, Academia Sinica, P.O. Box 928, Beijing, P.R. China)

November 1 - 4, 1986

INDIGENOUS RAW MATERIALS AND THEIR INDUSTRIAL UTILIZATION IN THE GULF REGION (Conference), Kuwait. (Institute for Scientific Research, Government Relations Office, P.O. Box 24885 Safat, Kuwait)

November 2 - 5, 1986

UNDERWATER MINING INSTITUTE (17th Meeting), Biloxi, Mississippi, U.S.A. (Mr. A. Miller, Underwater Mining Institute, University of Wisconsin Sea Grant, 1800 University Avenue, Madison, WI 53705, U.S.A.)

November 2 - 6, 1986

SOCIETY OF EXPLORATION GEOPHYSICISTS (56th Annual Meeting), Houston, Texas, U.S.A. (Society of Exploration Geophysicists, P.O. Box 3098, Tulsa, OK 74101, U.S.A.)

November 6 - 8, 1986

STRATEGIES FOR EXPLOITATION OF MINERAL RESOURCES IN DEVELOPING COUNTRIES (International Symposium), Dhanbad, India. (Prof. A.K. Ghose, Indian School of Mines, Dhanbad 826004, India)

November 9 - 14, 1986

COASTAL ENGINEERING (International Conference), Taipei, Taiwan. (B.L. Edge, Cubit Engineering Limited, 207 East Bay Street, Suite 311, Charleston, SC 29401, U.S.A.)

November 10 - 11, 1986

★ EXPLORATION GEOCHEMISTRY (International South European Symposium), Athens, Greece. Co-sponsored by AEG. (Organizing Committee, International South European Symposium in Exploration Geochemistry, Institute of Geology and Mineral Exploration, 70 Messoghion Street, 115 27 Athens, Greece)

November 10 - 13, 1986

GEOLOGICAL SOCIETY OF AMERICA (Annual Meeting), San Antonio, Texas, U.S.A. (Meetings Department, GSA, P.O. Box 9140, Boulder, CO 80301, U.S.A.)

November 10 - 15, 1986

SUBDUCTION ZONES (International Kaiko Conference), Tokyo and Shimizu, Japan. (K. Kobayashi, Ocean Research Institute, University of Tokyo, 1-15-1 Minamidai, Nakano-ku, Tokyo 164, Japan)

November 17 - 18, 1986

GEOTHERMAL ENERGY (Meeting), San Diego, California, U.S.A. (Geothermal Resources Council, Box 1350, Davis, California 95617, U.S.A.)

November 17 - 21, 1986

MINING LATIN AMERICA (International Conference), Santiago, Chile. (The Conference Office, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.)

November 23 - 27, 1986

ARGENTINE PALAEOLOGY AND BIOSTRATIGRAPHY CONGRESS (4th), Mendoza, Argentina. (Dr. W. Volkheimer, Pribipa-Crieyt-CC 131, 5500 Mendoza, Argentina)

November 24 - 30, 1986

★ IGCP-210 (Working Group Meeting), Jos, Nigeria. (C.A. Kogbe, Rock View International, 1-5 rue Gutenberg, 75015 Paris, France)

November 26 - 28, 1986

REE, NB AND TA ORE DEPOSITS (Workshop), Berlin, F.R.G. (Prof. P. Möller, Hahn-Meitner Institut für Kernforschung, P.O. Box 39 01 28, Glienicke Strasse 100, D-1000 Berlin 39, F.R.G.)

November 27 - 28, 1986

★ MICROCOMPUTERS IN EXPLORATION AND DATA INTERPRETATION (COGEO DATA Workshop), Paris, France. (Dr. G. Gabert, Federal Institute for Geosciences and Natural Resources, P.O. Box 51 01 53, D-3000 Hannover 51, Federal Republic of Germany)

December 1 - 4, 1986

COMPUTER AIDED DESIGN AND MONITORING IN GEOTECHNICAL ENGINEERING (10th Geotechnical Engineering Symposium), Bangkok, Thailand. (A.S. Balasubramaniam, GTE Division, P.O. Box 2754, Bangkok 10501, Thailand)

December 1 - 5, 1986

★ NEW ZEALAND GEOLOGICAL SOCIETY (Annual Conference), Palmerston North, New Zealand. (Geology Department, Univ. Canterbury, Private Bag, Christchurch, New Zealand)

December 1 - 5, 1986

RESEARCH IN GEOPHYSICS AND GEOPHYSICAL EXPLORATION IN AFRICA (International Conference), Kano, Nigeria. Co-sponsored by International Lithosphere Program. (AGERA Conference, c/o Dept. of Physics, University of Jos, Jos, Nigeria)

December 1 - 6, 1986

★ NEOTECTONICS AND VOLCANIC HAZARDS (International Symposium), Bogota, Colombia. Co-sponsored by AGID. Languages: Spanish and English. (Dr. J.E. Valdiri W., P.O. Box 4865, Bogota, Colombia)

December 2 - 3, 1986

EARTHQUAKE ENGINEERING 1986: EARTHQUAKE RISK IN THE AUSTRALASIAN AND SOUTHWEST PACIFIC REGION (Seminar), Sydney, Australia. (Conference Manager, Earthquake Engineering 1986, the Institution of Engineers, Australia, 11 National Circuit, Barton ACT 2600, Australia)

December 2 - 4, 1986

HYDRODYNAMICS AND SEDIMENT DYNAMICS OF TIDAL INLETS (Symposium), Woods Hole, Mass., U.S.A. (D.G. Aubrey, WHOI, Woods Hole, MA 02543, U.S.A.)

December 2 - 4, 1986

★ CONSTRUCTION AND DISPLAY OF GEOSCIENTIFIC MAPS DERIVED FROM DATABASE (Symposium), Dinkensbühl, F.R.G. Co-sponsored by COGEO DATA. (Dr. G. Gabert, Federal Institute for Geosciences and Natural Resources, P.O. Box 51 01 53, D-3000 Hannover 51, Federal Republic of Germany)

December 4 - 10, 1986

REMOTE SENSING OF ENVIRONMENT (12th International Symposium), Nairobi, Kenya. Languages: English and French. (Remote Sensing Center, Environmental Research Institute of Michigan, P.O. Box 8618, Ann Arbor, MI 48107-8618, U.S.A.)

December 5 - 7, 1986

GEOLOGY OF INDOCHINA (Conference), Ho Chi Minh City, Vietnam. (Conference Secretariat CGI, General Department of Geology, 6 Pham Ngu Lao St., Hanoi, Vietnam)

December 6 - 13, 1986

★ WATER RESOURCES NEEDS AND PLANNING IN DROUGHT-PRONE AREAS (International Conference), Khartoum, Sudan. (Dr. I.M.A. Magid, Department of Civil Engineering, Khartoum University, P.O. Box 321, Khartoum, Sudan)

December 7 - 12, 1986

ARCHAEOLOGICAL GEOLOGY: ENVIRONMENTAL SITING AND MATERIAL USAGE (GSA Penrose Conference), Saint Simons Island, Georgia, U.S.A. (C.J. Vitaliano, Department of Geology, Indiana University, 1005 East Tenth Street, Bloomington, IN 47405, U.S.A.)

December 8 - 12, 1986

★ SURFACE MINING, HYDROLOGY, SEDIMENTOLOGY, AND RECLAMATION (1986 Symposium), Lexington, Kentucky, U.S.A. (J. Snedegar, 223 Transporation Research Building, University of Kentucky, Lexington, KY 40506-0043, U.S.A.)

December 8 - 12, 1986

AMERICAN GEOPHYSICAL UNION (Fall Meeting), San Francisco, California, U.S.A. (AGU Meetings, 2000 Florida Avenue NW, Washington, DC 20009, U.S.A.)

December 10 - 12, 1986

JAPAN EARTHQUAKE ENGINEERING SYMPOSIUM (7th) Tokyo, Japan. Languages: Japanese and English. (Organizing Committee, 7th Japan Earthquake Engineering Symposium, 5-26-20 Shiba, Minato-ku, Tokyo, Japan)

December 10 - 12, 1986

EARTH SCIENCES IN THE SERVICE OF AFRICA'S DEVELOPMENT (ANSTI Regional Seminar), Dakar, Senegal. (K.F. Seddoh, Université du Benin, BP 1515, Lomé, Togo, or I.O. Nyambok, Dept. of Geology, University of Nairobi, Box 30197, Nairobi, Kenya)

December 15 - 17, 1986

PHYLOGENY AND EVOLUTIONARY BIOLOGY OF ECHINODERMS (Meeting), London, U.K. (Dr. A.B. Smith, Department of Palaeontology, British Museum (Natural History), Cromwell Road, London SW7 5BD, U.K.)

December 15 - 20, 1986

★ THE ROLE OF GEOLOGY IN URBAN DEVELOPMENT IN SOUTHEAST ASIA (Landplan III - A Symposium), Hong Kong. Sponsored in part by IUGS, IAGG and AGID. (Geological Society of Hong Kong, c/o Department of Geography and Geology, University of Hong Kong, Pokfulam Road, Hong Kong)

December 29 - 31, 1986

EARTHQUAKE ENGINEERING (8th Symposium), Roorkee, India. (Indian Society of Earthquake Technology, Prof. B.V. Lavanja, Department of Earthquake Engineering, Roorkee 247667, India)

1987

January 1987

GEOGRAPHIC INFORMATION SYSTEMS IN ASIA (IGU Regional Conference), Bangkok, Thailand. (D.F. Marble, Dept. of Geography, SUNY at Buffalo, Amherst, NY 14260, U.S.A.)

January 5 - 9, 1987

METEORITES AND THE EARLY SOLAR SYSTEM (Conference), Tucson, Arizona, U.S.A. (Dr. J. Kerridge, Institute of Geophysics, University of California, Los Angeles, CA 90024, U.S.A.)

January 6 - 8, 1987

★ WATER FOR MANKIND (International Symposium), Cairo, Egypt. (MURS - France, 127 boulevard Saint-Michel, 75005 Paris, France)

Coming Events

January 7 - 23, 1987

GEOCHEMISTRY OF HYDROTHERMAL ORE-FORMING PROCESSES (NATO Advanced Study Institute), Madrid and Salamanca, Spain. (H.L. Barnes, 235 Deike Building, Pennsylvania State Univ., University Park, PA 16802, U.S.A.)

January 8 - 10, 1987

MAGMATISM IN THE OCEAN BASINS (Meeting), Leicester, U.K. (A.D. Saunders, Department of Geology, The University, Leicester LE1 7RH, U.K.)

January 9 - 14, 1987

THE PALAEOENVIRONMENT OF EAST ASIA (2nd International Conference), Hong Kong. (Dr. E.K.Y. Chen/Dr. R.O. Whyte, Centre of Asian Studies, Univ. of Hong Kong, Hong Kong)

January 19 - 25, 1987

HOW VOLCANOES WORK (Hawaii Symposium), Hilo, Hawaii. (Robert Decker, U.S. Geological Survey, MS-910, 345 Middlefield Road, Menlo Park, CA 94025, U.S.A.)

January 21 - 31, 1987

★ **GRANITES AND ASSOCIATED MINERALIZATIONS** (International Symposium), Salvador, Bahia, Brazil. Languages: English, French and Portuguese. (ISGAM, Augusto J. Pedreira, SME-CPM: Rua Ceara, 3-Pituba, 40.000, Salvador, Bahia, Brazil)

January 25 - 31, 1987

• **DESERT DEVELOPMENT** (Meeting and Field Trips), Cairo, Egypt. (A. Bishay, Desert Development Center, American University in Cairo, Box 2511, Cairo, Egypt)

January 27 - 30, 1987

CANADIAN REEF RESEARCH (Symposium), Banff, Alberta, Canada. (Canadian Reef Research Symposium, University of Calgary Conference Office, 2500 University Drive NW, Calgary, Alberta, Canada T2N 1N4)

January 27 - 30, 1987

NATURAL DISASTERS (International Conference), Havana, Cuba. (Palacio de las Convenciones, Apartado 16046, Zona 16, La Habana, Cuba)

February 2 - 4, 1987

• **PACIFIC RIM COAL** (2nd International Conference), Hong Kong. (H. Baisden, Pasha Publications, 1401 Wilson Boulevard, Suite 910, Arlington, VA 22207, U.S.A.)

February 2 - 6, 1987

ASH: A NEW RESOURCE, (Symposium), Pretoria. (Dr. R.A. Kruger, CSIR-Frd, POB 395, Pretoria 0001, South Africa)

February 2 - 6, 1987

• **DEFORMATION OF CRUSTAL ROCKS** (International Conference), Mt. Buffalo, NE Victoria, Australia. (Dr. D. Gray, Department of Earth Sciences, Monash University, Clayton, Victoria 3168, Australia)

February 7 - 12, 1987

QUATERNARY SEDIMENTS IN THE ARABIAN GULF AND THE MESOPOTAMIAN REGION (International Conference), Kuwait. (Conference Secretary, Quaternary Sediments 1987, Dept. of Geology, Kuwait University, Box 5969, Code 13060, Kuwait)

February 9 - 11, 1987

SINKHOLES AND THE ENVIRONMENTAL IMPACTS OF KARST (2nd Multidisciplinary Conference and Field Trip), Orlando, Florida, U.S.A. (Dr. B.F. Beck, Florida Sinkhole Research Institute, University of Central Florida, Orlando, FL 32816, U.S.A.)

February 9 - 13, 1987

★ **COMMISSION FOR THE GEOLOGICAL MAP OF THE WORLD** (CGMW Plenary Assembly), Paris, France. (Secretary General, CGMW, 77 rue Claude-Bernard, 75005 Paris, France)

February 13 - 21, 1987

LOESS (3rd International Symposium), New Zealand. (Dr. D.N. Eden, N.Z. Soil Bureau, DSIR, Private Bag, Lower Hut, New Zealand)

February 16 - 20, 1987

• **INTERACTION BETWEEN SEDIMENTS AND WATER** (4th International Symposium), Melbourne, Australia. (Dr. B.T. Hart, Water Sciences Center, Chisholm Institute of Technology, P.O. Box 197, Caulfield East, Victoria 3145, Australia)

February 23 - 26, 1987

• **URBAN HYDROGEOLOGY AND CONTAMINATION OF AQUIFERS** (Latin American Conference), Cochabamba, Bolivia. Languages: Spanish and Portuguese, but papers in French and English accepted. (Secretaria de la Conferencia, c/o V. Ricaldi, Casilla 183, Cochabamba, Bolivia)

February 24 - 26, 1987

GEOSYNTHETICS '87 (Conference), New Orleans, Louisiana, U.S.A. (IFAI, 345 Cedar Building, Suite 450, St. Paul, MN 55101, U.S.A.)

February 26 - 27, 1987

• **EROSION CONTROL ASSOCIATION** (18th Annual Conference), Sparks, Nevada, U.S.A. (International Erosion Control Association, P.O. Box 195, Pinole, CA 94564-0195, U.S.A.)

March 1987

• **CONJUNCTIVE USE OF SURFACE AND GROUNDWATER FOR AGRICULTURE** (International Symposium), Lahore, Pakistan. (Dr. N.M. Awan, Centre of Excellence in Water Resources Engineering, University Engineering and Technology, Lahore-31, Pakistan)

March 3 - 4, 1987

• **INVERSION TECTONICS** (Meeting), London, U.K. (M. Cooper, British Petroleum, Britannic House, Moor Lane, London EC2Y 9BU, U.K.)

March 4 - 7, 1987

★ **DETACHMENT AND SHEAR** (77th Annual Meeting of the Geologische Vereinigung), Basel, Switzerland. Sponsored by International Lithosphere Program. (Prof. D. Bernoulli, Geologisches Institut, Univ. Basel, Bernoullistrasse 32, CH-4056 Basel, Switzerland)

March 7 - 15, 1987

★ **ESTIMATION OF NATURAL RECHARGE OF GROUNDWATER** (International Workshop), Antalya, Turkey. Co-sponsored by IAH. Language: English. (Dr. I.E. Seyhan, Free University of Amsterdam, Department of Earth Sciences, P.O. Box 7161, 1007 MC Amsterdam, The Netherlands)

March 10 - 14, 1987

ORIGIN AND EVOLUTION OF PLANETARY AND SATELLITE ATMOSPHERES (Conference), Tucson, Arizona, U.S.A. (S.K. Atreya, University of Michigan, Space Research Building, Ann Arbor, MI 48109-2143, U.S.A.)

March 11 - 12, 1987

• **MINERAL RESOURCES RESEARCH IN THE USGS** (3rd Annual McKelvey Forum), Denver, Colorado, U.S.A. (Buhler and Abraham, Inc., 10102 McKinney Avenue, Silver Springs, Maryland 20902, U.S.A.)

March 16 - 20, 1987

• **GEOCHEMISTRY OF WATERS IN DEEP SEDIMENTARY BASINS** (GSA Penrose Conference), Oxnard, California, U.S.A. (L. Elms, Western Experience, 2369 Carriage Circle, Oceanside, CA 92056, U.S.A.)

March 16 - 20, 1987

LUNAR AND PLANETARY SCIENCE (18th Conference) Houston, Texas, U.S.A. (Lunar and Planetary Institute, 3303 NASA Road 1, Houston, TX 77052, U.S.A.)

March 18 - 19, 1987

EARLY TERTIARY VOLCANISM AND THE OPENING OF THE NE ATLANTIC (Meeting), London, U.K. (A.C. Morton, British Geological Society, Keyworth, Notts. NG12 5GG, U.K.)

March 23 - 24, 1987

EXTRACTIVE INDUSTRY GEOLOGY '87 (Meeting), Keele, Staffordshire, U.K. (Confer-

ence Office, IMM, 44 Portland Place, London W1N 4BR, U.K.)

March 23 - 26, 1987

• **SMALL MINE ECONOMICS AND DEVELOPMENT** (Conference), London, U.K. (Small mine economics and development conference, International Mining, Cii House, 31 Theobalds Road, London WC1, U.K.)

March 23 - 28, 1987

GROUNDWATER MONITORING AND MANAGEMENT (International Symposium), Desden, G.D.R. Languages: English and Russian. (Dr. P. Lösel, Institut für Wasserwirtschaft, Schnellerstrasse 140, DDR-1190 Berlin, German Democratic Republic)

March 26 - 27, 1987

THE PHYLOGENY AND CLASSIFICATION OF THE TETRAPODS (Special Meeting), London, U.K. (M. Benton, Department of Geology, The Queen's University of Belfast, Belfast, BT7 1NN, Northern Ireland)

March 29 - April 3, 1987

★ **EROSION AND DEPOSITION WITH EMPHASIS ON SEMIARID AND ARID ENVIRONMENTS** (Meeting), Jerusalem, Beersheba, Elat, Israel. Co-sponsored by INQUA. (Prof. A. Yair, Department of Physical Geography, Institute of Earth Sciences, Hebrew University, 91904 Jerusalem, Israel)

March 30 - April 3, 1987

★ **VULNERABILITY OF SOIL AND GROUNDWATER TO POLLUTANTS** (International Conference), Noordwijkaan Zee, The Netherlands. Co-sponsored by IAH. (VSPG '87 c/o Klv, P.O. Box 30424, 2500 GK The Hague, The Netherlands)

March 30 - April 4, 1987

• **ICE-CORE ANALYSIS** (Symposium), Bern, Switzerland. (Mrs. H. Richardson, International Glaciological Society, Lensfield Road, Cambridge CB2 1ER, U.K.)

April 1987

• **GEOCHEMISTRY AND MONITORING IN REPRESENTATIVE BASINS** (International Meeting), Prague, Czechoslovakia. (Dr. B. Molden, Geological Survey, Malostranská 19, 11821 Prague 1, Czechoslovakia)

April 1 - 3, 1987

★ **SEDIMENTOLOGY** (8th IAH Regional Meeting), Tunis, Tunisia. (Pr. Ali M'Rabet, Faculté des Sciences de Tunis, Département des Sciences de la Terre, Campus Universitaire, 1060 Tunis, Tunisia)

April 1 - 10, 1987

• **GEOTECHNICAL ENGINEERING AND HAZARD ASSESSMENT IN NEOTECTONIC TERRAINS** (Sino-British Conference), Taiwan. (Dr. J. Rowbotham, Department of Geological Sciences, University College, Gower Street, London WC1E 6BT, U.K.)

April 2 - 3, 1987

• **MICROPALAEONTOLOGY, PALYNOLOGY AND PETROLEUM EXPLORATION, ON- AND OFFSHORE EUROPE** (Meeting), Aberdeen, Scotland, U.K. (Geological Society, Burlington House, Piccadilly, London W1V 0JU, U.K.)

April 6 - 10, 1987

HYDROLOGY IN PERSPECTIVE (International Symposium), Rome, Italy. Co-sponsored by Unesco, WMO, and IAHS. (International Association of Hydrological Sciences, GIBI s.a.s. Studio Congressi, Via Marco Besso, 40, 00191 Rome, Italy)

April 6 - 12, 1987

• **LATE QUATERNARY SEA LEVEL: THE MARINE AND TERRESTRIAL RECORD** (GSA Penrose Conference), Ferry Reach, Bermuda. (J.L. Carew, Department of Geology, College of Charleston, Charleston, SC 29424, U.S.A.)

April 7 - 8, 1987

PHANEROZOIC IRONSTONES AND RELATED DEPOSITS (International Symposium),

Coming Events

- Sheffield, U.K. (Dr. G. Taylor, Dept. Science, Luton, CHE, Park Square, Luton LU1 3JU, U.K.)
- April 7 - 10, 1987
DRILLEX 87 (International Exhibition and Conference on Drilling), Stoneleigh, Warwickshire, U.K. (The Conference Office, The Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.)
- April 10 - 11, 1987
RECONSTRUCTION AND CORRELATION OF THE PHANEROZOIC LACUSTINE RECORD (IGCP-219 Workshop), Lake Luzern, Switzerland. (Dr. K. Kelts, EAWAG-Geology, CH-8600 Dübendorf ZH, Switzerland)
- April 13 - 15, 1987
ARGENTINE PALAEOBOTANY AND PALYNOLOGY (7th Symposium), Buenos Aires, Argentina. Simultaneous meetings by IGCP 242 and IGCP-237. (Prof. M.A. Caccavari, M.A.C.N. "B. Rivadavia", Av. angel Gallardo 470, Buenos Aires 1405, Argentina)
- April 13 - 16, 1987
EUROPEAN UNION OF GEOSCIENCES (IV Biennial Conference), Strasbourg, France. (W. Lowrie, Inst. für Geophysik, HPP P5, ETH Hönggerberg, CH 8093 Zurich, Switzerland)
- April 13 - 16, 1987
ENVIRONMENTAL RECORDS FROM LACUSTINE BASINS (IGCP-219 Symposium at EGU) Strasbourg, France. (Dr. K. Kelts, EAWAG-Geology, CH-8600 Dübendorf ZH, Switzerland).
- April 21 - 22, 1987
DELTA: SITES AND TRAPS FOR FOSSIL FUELS (Geological Society Meeting), London, U.K. (Geological Society, Burlington House, Piccadilly, London W1V 0JU, U.K.)
- April 22 - 24, 1987
GEOLOGICAL KINEMATICS AND DYNAMICS, FROM MOLECULES TO MANTLE (International Meeting), Uppsala, Sweden. (The GKD Committee, Institute of Geology, Uppsala University, Box 555, S-751 22 Uppsala, Sweden)
- April 23 - 26, 1987
INTERNATIONAL GEOCHEMICAL EXPLORATION (12th AEG Symposium) and **METHODS OF GEOCHEMICAL PROSPECTING** (4th IAGC Symposium), Orléans La Source, France. (The Organizing Committee, 12th IGES - 4th SMGP, BRGM, B.P. 6009, 45060 Orléans Cedex, France)
- April 26 - May 1, 1987
WORLD PETROLEUM CONGRESS (12th) Houston, Texas, U.S.A. (12th WPC Association, c/o American Petroleum Institute, 1220 L Street NW, Washington DC 20005, U.S.A.)
- April 27 - 29, 1987
LATE CENOZOIC PALEOENVIRONMENTS AND GEOLOGY OF THE ARCTIC (Workshop), Spidsbergseter Fjellstue, Norway. (Dr. A. Elverhøi, Norwegian Polar Research Institute, P.O. Box 158, 1330 Oslo Lufthavn, Norway)
- April 28 - May 7, 1987
ZECHSTEIN: STRATIGRAPHY-PALEOGEOGRAPHY-GEOCHEMISTRY (International Symposium), Hannover, F.R.G. (J. Lepper, Niedersächsisches Landesamt für Bodenforschung, P.O. Box 51 01 53, D-3000 Hannover 51, F.R.G.)
- May 1987
EXPOSED CROSS SECTIONS OF THE CONTINENTAL CRUST (GSA Penrose Conference), southeastern Ontario, Canada. (D.M. Fountain, Department of Geology, and Geophysics, University of Wyoming, Laramie, WY 82071, U.S.A.)
- May 3 - 8, 1987
THE CONSTRUCTION OF GEOLOGICAL CROSS SECTIONS: TECHNIQUES, ASSUMPTIONS, AND METHODS (GSA Penrose Conference), New Paltz, New York, U.S.A. (P.A. Geiser, Department of Geology and Geophysics, University of Connecticut, Storrs, CT 06268, U.S.A.)
- May 3 - 7, 1987
ENGINEERING GEOLOGICAL ENVIRONMENT IN MOUNTAINOUS AREAS (International Symposium), Beijing, P.R. China. (Geological Society of China, Ministry of Geology, Pai Wan Chung, Fuchengmenwai, Beijing, P.R. China)
- May 3 - 8, 1987
GLACIAL FACIES MODELS (GSA Penrose Conference), Southern Ontario, Canada. (Dr. N. Eyles, Department of Geology, Scarborough Campus, University of Toronto, Scarborough, Ontario, Canada M1C 1A4)
- May 10 - 15, 1987
IMPACT OF VLBI ON ASTROPHYSICS AND GEOPHYSICS (Symposium), Cambridge, Mass., U.S.A. (J. Moran Center for Astro-physics, Mail Stop 42, 60 Garden Street, Cambridge, MA 02138, U.S.A.)
- May 12 - 14, 1987
COASTAL SEDIMENTS '87 (Conference), New Orleans, Louisiana, U.S.A. (Dr. N.C. Kraus, USAE Waterways Experiment Station, P.O. Box 631, Attn: WESCE-P, Vicksburg, MS 39180-0631, U.S.A.)
- May 15 - 17, 1987
HYDROLOGY, SEDIMENTOLOGY, AND GEOMORPHOLOGICAL IMPLICATIONS OF FLOODS (Conference), Lancaster, U.K. (P.A. Carling, Freshwater Biological Association, The Ferry House, Far Sawrey, Ambleside, Cumbria LA22 0LP, U.K.)
- May 16 - 24, 1987
PALAEOECOLOGICAL - PALAEOHYDROLOGICAL STUDIES BASED ON STRATIGRAPHICAL RESEARCH IN LAKES AND MIRES, AND FLUVIAL ENVIRONMENTS (IGCP-158 Symposium), Sweden. (B.E. Berglund, Department of Quaternary Geology, Tornav. 13, S-223 63 Lund, Sweden)
- May 18 - 22, 1987
GEOMATHEMATICS AND GEOSTATISTICS APPLIED TO SPACE- AND TIME-DEPENDENT DATA (International Conference and Course), Wrocław, Poland. Sponsored by CODATA, IAMG, IUGS, and Unesco. (Dr. J.J. Royer, C.R.P.G., B.P. 20, 15 rue Nd des Pauvres, 54501 Vandoeuvre-les-Nancy Cedex, France)
- May 18 - 22, 1987
AMERICAN GEOPHYSICAL UNION (Spring Meeting), Baltimore, Maryland, U.S.A. (AGU Meetings, 2000 Florida Avenue NW, Washington, DC 20009, U.S.A.)
- May 25 - 27, 1987
COASTAL LOWLANDS: GEOLOGY AND GEOTECHNOLOGY (International Symposium), The Hague, The Netherlands. (Dr. H.J.W.G. Schalkje, P.O. Box 85947, 2508 CP The Hague, The Netherlands)
- May 25 - 27, 1987
GEOLOGICAL, MINERALOGICAL ASSOCIATIONS OF CANADA (Joint Annual Meeting), Saskatoon, Canada. (Dr. W.O. Kupsch, Dept. Geological Sciences, University of Saskatchewan, Saskatoon, Sask., Canada S7N 0W0)
- May 27 - 28, 1987
ALPINE TECTONICS (Geological Society, The Fermor Lecture Meeting), London, U.K. (Prof. M.P. Coward, Department of Geology, Royal School of Mines, Imperial College, Prince Consort Road, London SW7 2BP, U.K.)
- May 28 - 30, 1987
PERMANENT SEISMOGRAPHIC OBSERVATORIES AND NETWORKS (Centennial Anniversary Symposium), Berkeley, California, U.S.A. (Prof. B.A. Bolt, Seismographic Stations, University of California, Berkeley, CA 94720, U.S.A.)
- May 31 - June 5, 1987
WORLD MINING CONGRESS (13th), Stockholm, Sweden. (Organizing Secretary, 13th World Mining Congress, University of Lulea, S-951 87 Lulea, Sweden)
- June 1987
INTERNATIONAL MINING AND EXPLORATION EXHIBITION '87 (Meeting), Sydney, Australia. (Thomson Exhibitions, 47 Chippen Street, Chippendale, NSW 2008, Australia)
- June 3 - 6, 1987
PROTEROZOIC GEOCHEMISTRY (International Symposium), Lund, Sweden. Sponsored by IGCP-217. (Prof. R. Gorbatshev, Geological Institute, Lund University Sölvegatan 13, S-223 62 Lund, Sweden)
- June 7 - 10, 1987
AAPG and SEPM (Annual Meeting), Los Angeles, Calif., U.S.A. (AAPG Headquarters, Box 979, Tulsa, OK 74101, U.S.A.)
- June 9 - 12, 1987
EUROPEAN ASSOCIATION OF EXPLORATION GEOPHYSICISTS (49th Annual Meeting and Technical Exhibition), Belgrade, Yugoslavia. (EAEG, Wassenaarseweg 22, 2596 CH The Hague, The Netherlands).
- June 11 - 12, 1987
FAN-DELTAS: SEDIMENTOLOGY AND TECTONIC SETTINGS (International Symposium), Bergen, Norway. Sponsored by Norsk Hydro, Univ. of Bergen and Norwegian Petroleum Society. (R.J. Steel, Norsk Hydro Research Centre, P.O. Box 4314, 5013 Bergen, Norway)
- June 21 - 25, 1987
HYDROGEOLOGY (4th Canadian/American Conference), Banff, Alberta, Canada. (Dr. B. Hitchon, Alberta Research Council, P.O. Box 8330, Station F, Edmonton, Alberta, Canada T6H 5X2)
- June 30 - July 6, 1987
CHEMISTRY OF THE EARTH AND THE UNIVERSE (IAGC 20th Anniversary Congress), Paris, France. (Dr. B. Hitchon, Alberta Research Council, P.O. Box 8330, Station F, Edmonton, Alberta, Canada T6H 5X2)
- July 6 - 10, 1987
CRYPTOEXPLOSIONS AND CATASTROPHES IN THE GEOLOGICAL RECORD (International Workshop), Parys, South Africa. Co-sponsored by IUGS. (L.O. Nicolaysen, Geophysics Department, Witwatersrand University, Johannesburg, South Africa 2001)
- July 6 - 11, 1987
CONTINENTAL AND OCEANIC LITHOSPHERE: SIMILARITIES AND DIFFERENCES (Workshop), London, U.K. (M.A. Menzies, Department of Geology, University of London, RIBNC, Egham, Surrey TW20 0EX, U.K.)
- July 6 - 11, 1987
FOSSIL ALGAE (4th International Symposium), Cardiff, Wales, U.K. (Dr. R. Riding, Department of Geology, University College, Cardiff CF1 1XL, Wales, U.K.)
- July 7 - 10, 1987
APPLIED MINERALOGY (3rd International Congress), Orléans, France. (P. Alain, ICAM 87, Laboratoire de Minéralogie Appliquée, Ecole Sup. de l'Energie et des Matériaux, Domaine Universitaire de la Source, B.P. 6749, 45067 Orléans, Cedex 2, France)
- July 23 - 25, 1987
SOUTH ATLANTIC EVOLUTION (2nd Symposium), Rio de Janeiro, Brazil. (D. Dias-Brito, PETROBRAS/CENPES, Ilha do Fundão, Quadra 7, Rio de Janeiro 21.910, Brazil)
- July 27 - 30, 1987
LATIN AMERICAN PALEONTOLOGY (4th Congress) Santa Cruz de la Sierra, Bolivia. (Dr. M. Seiares-Rigl, Congress of Paleontologia, Casilla #1321, Santa Cruz de la Sierra, Bolivia)

Coming Events

July 29 - 31, 1987

- ★ **PACIFIC NEOGENE STRATIGRAPHY** (4th International Congress of Regional Committee and Meeting of IGCP 246), Berkeley, Calif., U.S.A. (Dr. C. Brunner Department of Paleontology, University of California, Berkeley, CA 94720, U.S.A.)

July 31 - August 9, 1987

- ★ **INTERNATIONAL UNION FOR QUATERNARY RESEARCH** (12th Congress), Ottawa, Ontario, Canada. (Dr. Alan V. Morgan, Department of Earth Sciences, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1)

August 1 - 12, 1987

- **LANDSLIDES** (5th International Conference/Workshop), Australia and New Zealand. (5th ICFL-Anzslide '87, P.O. Box 56, Rosny Park, Tasmania 7018, Australia)

August 3 - 7, 1987

- **EROSION AND SEDIMENT TRANSPORT IN PACIFIC RIM MOUNTAINOUS LANDS** (International Symposium and IAHS/IUGG Meeting), Corvallis, Oregon, U.S.A. (Conference Coordinator, College of Forestry, Oregon State University, Corvallis, OR 97331, U.S.A.)

August 3 - 13, 1987

- **MAGMATIC SULPHIDES** (5th International Sulphides Conference), Harare, Zimbabwe. (Secretary, 5th International Sulphides Conference, Box 1795, Harare, Zimbabwe)

August 9 - 11, 1987

- ★ **TRACE FOSSILS, SMALL SHELLY FOSSILS, AND THE PRECAMBRIAN-CAMBRIAN BOUNDARY, ST. JOHN'S, NEWFOUNDLAND** (IUGS Commission on Stratigraphy Conference and Fieldtrip), eastern Newfoundland. (Dr. G.M. Narbonne, Department of Geological Sciences, Queen's University, Kingston, Ontario, Canada K7L 3N6)

August 9 - 18, 1987

- ★ **PRECAMBRIAN-CAMBRIAN BOUNDARY WORKING GROUP** (Meeting), St. John's, Newfoundland, Canada (Dr. G. Narbonne, Department of Geological Sciences, Queen's University, Kingston, Ont., Canada, K7L 3N6)

August 9 - 22, 1987

- **IUGG (XIX) General Assembly**, Vancouver, Canada. (R.D. Russell, IUGG, Department of Geophysics and Astronomy, University of British Columbia, Vancouver, B.C., Canada V6T 1W5)

August 9 - 22, 1987

- ★ **THE PHYSICAL BASIS OF ICE SHEET MODELLING** (IAHS Symposium at IUGG General Assembly), Vancouver, B.C., Canada (E.D. Waddington, Geophysics Program AK-50, University of Washington, Seattle, WA 98195, U.S.A.)

August 12 - 13, 1987

- **GEOTECHNICAL ENGINEERING ON SOFT SOILS** (International Symposium), Mexico City. (M. Mendoza, Chairman, Organizing Committee, Instituto de Ingeniera - UNAM, Apdo. Postal 70-472, 04510 Mexico, D.F., Mexico)

August 12 - 20, 1987

- **INTERNATIONAL UNION OF CRYSTALLOGRAPHY** (Congress), Perth, Western Australia. (E.N. Maslen, Crystallography Centre, University of Western Australia, Nedlands, 6009, Australia)

August 17 - 20, 1987

- **DEVONIAN SYSTEM** (2nd International Symposium), Calgary, Alberta, Canada. (Devonian Symposium, Canadian Society of Petroleum Geologists, 505-206 7th Avenue SW, Calgary, Alberta, Canada T2P 0W7)

August 17 - 21, 1987

- **BASEMENT TECTONICS** (7th International Conference), Kingston, Ontario, Canada. (Bob Mason, c/o Events Management Inc., 4 Cataragui Street, Suite 209, Kingston, Ontario, Canada K7K 1Z7)

August 18 - 22, 1987

- **AFRICAN GEOLOGY** (14th Colloquium), Berlin (West). (G. Matheis, Technical University of Berlin, SRP/69, Ackerstrasse 71-76, D-1000 Berlin 65, F.R.G.)

August 20 - 22, 1987

- **X-RAY POWDER DIFFRACTOMETRY** (Meeting with 14th Congress of the International Union of Crystallography), Perth, Western Australia. (Dr. E.H. Nickel, Division of Minerals & Geochemistry, CSIRO, Private Bag PO, Wembley, W.A., Australia 6014)

August 20 - 30, 1987

- **PACIFIC SCIENCE ASSOCIATION** (16th Congress), Seoul, South Korea. Section B: Solid Earth Sciences. Language: English. (Prof. Bong Kyun Kim, Dept. of Geological Sciences, Seoul National University, Seoul, South Korea)

August 21 - 22, 1987

- ★ **DEVONIAN SUBCOMMISSION** (Open Meeting), Calgary, Alberta, Canada. (Dr. W.A. Oliver, Jr., U.S. Geological Survey, E-305 Natural History Building, Smithsonian Institution, Washington, DC 20560, U.S.A.)

August 24 - 28, 1987

- **ANTARCTIC EARTH SCIENCES** (5th International Symposium), Cambridge, U.K. (Dr. M.R.A. Thomson, British Antarctic Survey, High Cross, Madingley Road, Cambridge, U.K. CB3 0ET)

August 26 - 29, 1987

- **PACIFIC RIM CONGRESS 87** (International Congress), Gold Coast, Southern Queensland, Australia. (Aus. IMM Congress Secretariat, P.O. Box 731 Toowong, 4066 Queensland, Australia)

August 26 - September 7, 1987

- **CRETACEOUS SYMPOSIUM** (3rd International Symposium), Tübingen, F.R.G. (Prof. Dr. J. Wiedmann, Institut und Museum für Geologie und Paläontologie, Sigwartstrasse 10, 7400 Tübingen 1, Federal Republic of Germany)

August 30 - September 4, 1987

- **INTERNATIONAL SOCIETY FOR ROCK MECHANICS** (6th International Congress), Montreal, Canada. (Prof. B. Ladanyi, Dept. Civil Engineering, Ecole Polytechnique, Box 6079, Stn. A, Montréal, Canada H3C 3A7)

August 31 - September 2, 1987

- **AFRICAN MINING** (International Conference), Harare, Zimbabwe. (The Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.)

August 31 - September 3, 1987

- **SOIL MECHANICS AND FOUNDATION ENGINEERING** (9th European Conference), Dublin, Ireland. Languages: English and French. (Dr. Trevor Orr, Civil Engineering Department, Trinity College, Dublin 2, Ireland)

August 31 - September 4, 1987

- **CARBONIFEROUS STRATIGRAPHY AND GEOLOGY** (11th International Congress), Beijing, P. R. China. Languages: Chinese and English. (Prof. Yang Jing-zhi, Nanjing Institute of Geology and Palaeontology, 39 East Beijing Road, Chi-Ming-Ssu, Nanjing, P.R. China)

August 31 - September 5, 1987

- **YELLOWKNIFE '87** (GAC Field Meeting), Yellowknife, NWT, Canada. (W.A. Padgham, Geological Surveys, Bag 9100, Yellowknife, NWT, Canada X1A 2R3)

September 1 - 5, 1987

- **AFRICAN GEOLOGY** (14th Colloquium), Berlin (West), F.R.G. (Dr. G. Matheis, Technical University of Berlin, SFB 69, Ackerstrasse 71, D-1000 Berlin 65, F.R.G.)

September 6 - 12, 1987

- ★ **Basin Analysis** (COGEO DATA Workshop), Budapest, Hungary. (Dr. G. Gabert, Federal Institute for Geosciences and Natural Resources, P.O. Box 51 01 53, D-3000 Hannover 51, Federal Republic of Germany)

September 7 - 9, 1987

- **DEFORMATION AND PLATE TECTONICS** (International Conference), Oviedo, Spain. Language: English. (A. Perez-Estaun, Dpto de Geologia, Universidad de Oviedo, 33005 Oviedo, Spain)

September 7 - 12, 1987

- ★ **COMPUTERIZED BASIN ANALYSIS** (COGEO DATA International Workshop), Szeged, Hungary. Language: English. (Dr. L. Somos, Geological Survey of Hungary, Ph. 106, H-1442, Budapest, Hungary)

September 7 - 12, 1987

- **ANTARCTIC GLACIOLOGY** (4th International SCAR Symposium), Bremerhaven, F.R.G. (Heinz Köhnen, Alfred Wegener Institute for Polar Research, Columbus Center, D-2850 Bremerhaven, F.R.G.)

September 8 - 14, 1987

- **TERMINAL PRECAMBRIAN AND CAMBRIAN GEOLOGY** (International Symposium), Yichang, China. Languages: Chinese and English. (Dr. Wang Xiao-feng, Terminal Precambrian and Cambrian Geology, Yichang Institute of Geology and Mineral Resources, P.O. Box 502, Yichang City, Hubei Province, People's Republic of China)

September 11 - 14, 1987

- **SEPM** (4th Annual Midyear Meeting), Austin, Texas. (SEPM, P.O. Box 4756, Tulsa, OK 74159, U.S.A.)

September 11 - 17, 1987

- **PALEOENVIRONMENTAL INTERPRETATION OF PALEOSOLS** (GSA Penrose Conference), Warm Spring Indian Reservation, Oregon, U.S.A. (G.J. Retallack, Department of Geology, University of Oregon, Eugene, OR 97403, U.S.A.)

September 12 - 23, 1987

- ★ **COMPUTER APPLICATIONS AND MANAGEMENT OF PETROLOGICAL DATA BASES** (Workshop), Kuwait. Co-sponsors include IUGS and IGCP-239. (Dr. Ali T. Al-Wishwt, Geology Department, Kuwait University, P.O. Box 5969, Safat, Kuwait)

September 14 - 16, 1987

- **THE ORIGIN OF GRANITES** (Symposium), Edinburgh, Scotland, U.K. (The Meetings Secretary, The Royal Society of Edinburgh, 22-24 George Street, Edinburgh EH2 2PQ, Scotland, U.K.)

September 14 - 18, 1987

- ★ **ANDEAN VOLCANISM SYMPOSIUM** (10th Argentine Geological Congress), San Salvador de Jujuy, Argentina. Co-sponsors include IAVCEI and IGCP-249. (Dr. B. Coira, CONICET-Univ. Nac de Jujuy, Casilla de Correo No. 258, 4600 San Salvador de Jujuy, Argentina)

September 14 - 18, 1987

- **NEOTECTONICS AND SEISMICITY OF THE ANDES** (Regional Symposium), San Miguel de Tucumán, Argentina. (Dr. V. Ramos, Department of Geology, University of Buenos Aires, Pabellón 2 - City University 1428, Nunez, Buenos Aires, Argentina)

September 14 - 18, 1987

- ★ **CIRCUM-PACIFIC PHANEROZOIC GRANITES** (International Symposium), Tucumán, Argentina. IGCP-249 jointly with 10th Argentine Geological Congress. (Dr. Carlos W. Rapela, Centro de Investigaciones Geológicas, Universidad Nacional de La Plata, Calle 1 no 644, 1900 La Plata, Argentina)

September 14 - 18, 1987

- ★ **HYDROGEOLOGY OF COAL BASINS** (IUGS/IAH Symposium), Katowice, Poland. (Dr. A. Rozkowski, Geological Institute, Bialego 1, 41-200 Sosnowiec, Poland)

September 17 - 27, 1987

- ★ **EVOLUTION OF METAMORPHIC BELTS** (Geological Society and IGCP-235 Joint Meet-

Coming Events

ing), Dublin, Ireland. (J.S. Daly, Department of Geology, University College, Belfield Campus, Dublin 4, Ireland)

September 21 - 25, 1987

- **NATURAL GLASSES** (Meeting), Prague, Czechoslovakia. Language: English. (V. Bouska, Faculty of Science, Charles University, Albertov 6, 128 43 Prague 2, Czechoslovakia)

September 21 - 25, 1987

- **METALS AND METALLOIDS IN THE HYDROSPHERE: IMPACT THROUGH MINING AND INDUSTRY, AND PREVENTION TECHNOLOGY** (Unesco/IHP International Workshop), Bochum, F.R.G. (IHP/OHP Sekretariat, c/o Bundesanstalt für Gewässerkunde, Postfach 309, D-5400 Koblenz, F.R.G.)

September 24 - October 1, 1987

- **FOSSILS, ROCKS AND HISTORY** (13th INHIGO Symposium), Pisa, Italy. (Prof. G. Giglia, Dip. Scienze della Terra, Via S. Maria 53, 56100 Pisa, Italy)

September 25 - 27, 1987

- **CATASTROPHIC FLOODING** (18th Annual Geomorphology Symposium), Oxford, Ohio, U.S.A. (Dr. Larry Mayer, Department of Geology, Miami University, Oxford, Ohio 45056, U.S.A.)

September 27 - October 1, 1987

- **EXPLORATION '87** (3rd Decennial) Conference on Geophysical and Geochemical Exploration for Minerals and Ground-water (3rd Decennial Conference), Toronto, Canada. (Exploration '87, c/o 222 Snidercroft Road, Conford, Ontario L4K 1B5, Canada)

October 5 - 9, 1987

- **OROGENY, MAGMATISM AND METALLOGENY IN EUROPE** (European Geological Societies 5th Meeting), Dubrovnik, Yugoslavia. Languages: English and French. (European Centre for Peace and Development, Sekretariat MECS 5, Sava-Centre, P.O. Box 5, 11000 Beograd, Yugoslavia)

October 11 - 15, 1987

- **SOCIETY OF EXPLORATION GEOPHYSICISTS** (37th Annual Meeting), New Orleans, La., U.S.A. (Marvin R. Hewitt, Amoco Production Co., Box 591, Tulsa, OK 74102, U.S.A.)

October 12 - 16, 1987

- **MATHEMATICAL METHODS IN GEOLOGY** (16th Annual Geochautauqua), Příbram, Czechoslovakia. Co-sponsored by IAMG. (A. Rygl, The Mining Příbram, Box 41, 261 02 Příbram, Czechoslovakia)

October 19 - 23, 1987

- **APPLICATION OF COMPUTERS AND MATHEMATICS IN THE MINERAL INDUSTRIES** (20th International Symposium), Johannesburg, South Africa. (The Conference Secretary (C.31), Mintek, Private Bag X3015, Randburg, 2125 South Africa)

October 26 - 29, 1987

- **GEOLOGICAL SOCIETY OF AMERICA** (Annual Meeting), Phoenix, Arizona, U.S.A. (Meetings Department, GSA, Box 9140, Boulder, CO 80301, U.S.A.)

October 31 - November 3, 1987

- **PEROVSKITES: A STRUCTURE OF GREAT INTEREST TO GEOPHYSICS AND MATERIALS SCIENCE** (AGU Chapman Conference), Bisbee, Ariz., U.S.A. (AGU Meetings, 2000 Florida Avenue NW, Washington, DC 20009, U.S.A.)

November 1987

- **GEOLOGY OF SOMALIA AND SURROUNDING REGIONS** (International Meeting), Mogadishu, Somalia. Sponsored by IUGS. Languages: Somali, Arabic, English, Italian. Texts in English. (Dean of Geology Faculty, Somali National University, P.O.B. 1081, Mogadishu, Somalia)

November 1987

- **SOUTH AMERICAN COGEOLOGICAL DATA** (Symposium), Ouro Preto, Brazil. (Dr. G. Gabert, Federal Institute for Geosciences and Natural Resources, P.O. Box 51 01 53, D-3000 Hannover 51, Federal Republic of Germany)

December 7 - 10, 1987

- **TECTONOTHERMAL EVOLUTION OF WEST AFRICAN OROGENS** (IGCP-233 International Conference), Nouakchott, Mauritania. (R.D. Dallmeyer, Department of Geology, University of Georgia, Athens, Georgia 30602, U.S.A.)

December 7 - 11, 1987

- **SOUTHEAST ASIAN GEOTECHNICAL CONFERENCE** (9th) Bangkok, Thailand. Language: English. (The Hon. Secretary, 9th SEAGC, c/o Division of Geotechnical & Transportation Engineering, Asian Institute of Technology, P.O. Box 2754, Bangkok 10501, Thailand)

December 7 - 11, 1987

- **AMERICAN GEOPHYSICAL UNION** (Fall Meeting), San Francisco, California, U.S.A. (AGU Meetings, 2000 Florida Avenue NW, Washington, DC 20009, U.S.A.)

1988

January 31 - February 5, 1988

- **ACHIEVEMENTS IN AUSTRALIAN GEOSCIENCE** (9th Australian Geological Convention), Brisbane, Australia. (Dr. G.W. Hoffmann, Geological Survey of Queensland, GPO Box 194, Brisbane, Queensland 4001, Australia)

March 8 - 11, 1988

- **ASIAN MINING 88** (3rd International Conference and Exhibition), Kuala Lumpur, Malaysia. (The Conference Office, The Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.)

March 20 - 23, 1988

- **AAPG/SEPM** (Annual Meeting), Houston, Texas, U.S.A. (Convention Department AAPG, Box 979, Tulsa, OK 74101, U.S.A.)

May 16 - 20, 1988

- **BICENTENNIAL GOLD 88** (Conference), Melbourne, Australia. Co-sponsored by Society of Economic Geologists. (Dr. R.R. Keays, Department of Geology, University of Melbourne, Parkville Vic 3052, Australia)

May 16 - 20, 1988

- **AMERICAN GEOPHYSICAL UNION** (Spring Meeting), Baltimore, Maryland, U.S.A. (AGU Meetings, 2000 Florida Avenue NW, Washington, DC 20009, U.S.A.)

May 16 - 20, 1988

- **HYDROLOGICAL PROCESSES AND WATER MANAGEMENT IN URBAN AREAS** (IAHS/IUGG-IAH/IUGS-Unesco Meeting), Duisburg, F.R.G. (Dr. E. Romijn, Provincial Waterboard of Gelderland, Marktstraat 1, P.O. Box 9090, 6800 GX Arnhem, The Netherlands)

May 22 - 25, 1988

- **GAC/MAC/CSPG** (Annual Meeting), St. John's, Newfoundland, Canada. (J.M. Fleming, Department of Mines and Energy, P.O. Box 4750, St. John's, Newfoundland, Canada A1C 5T7)

May 29 - June 3, 1988

- **WATER FOR WORLD DEVELOPMENT** (6th IWRA World Congress), Ottawa, Ontario, Canada. (P.J. Reynolds, President, Canadian Committee - International Water Resources Association, 3 Valley View Road, Ottawa, Ontario, Canada K2H 5Y6)

June 7 - 10, 1988

- **EUROPEAN ASSOCIATION OF EXPLORATION GEOPHYSICISTS** (50th Congress), Den Haag, The Netherlands. (E. van der Gaag, European Association of Exploration Geophysicists, P.O. Box 162, NL-2501 AN The Hague, The Netherlands)

July 1988

- **APPLIED GEOCHEMISTRY OF THE CONTINENTAL CRUST** (IAGC Conference), Sao Paulo, Brazil. (Dr. A.J. Melfi, Institute of Astronomy and Geophysics, University of Sao Paulo, C.P. 30627, Sao Paulo 01000, Brazil)

July 1988

- **THERMODYNAMICS OF NATURAL PROCESSES** (International Symposium), Strasbourg, France. Co-sponsored by IAGC, IGCP, IMA, CODATA. (Dr. B. Fritz, Centre de Sédimnologie et de Géochimie de la Surface, 1 rue Blessig, F-67084 Strasbourg Cedex, France)

July - August 1988

- **OSTRACODA AND GLOBAL EVENTS** (10th International Symposium), Aberystwyth, Wales, U.K. Supported by IPA. (Dr. R.C. Whitley, Department of Geology, University College of Wales, Aberystwyth, Dyfed SY23 3DB, Wales, U.K.)

July 1 - 8, 1988

- **SEISMIC PROBING OF THE CONTINENTS AND THEIR MARGINS** (Symposium), Canberra, Australia. (Dr. J. Leven, BMR, P.O. Box 378, Canberra, ACT 2601, Australia)

July 25 - 29, 1988

- **FOSSIL CNIDARIA** (5th International Symposium), Brisbane, Australia. (Dr. J.S. Jell, Department of Geology and Mineralogy, University of Queensland, St. Lucia, Queensland 4067, Australia)

August 2 - 5, 1988

- **PERMAFROST** (5th International Conference) Trondheim, Norway. (5th International Conference on Permafrost, Norwegian Road Research Laboratory, P.O. Box 6390 Etterstad, N-0604 Oslo 6, Norway)

August 14 - 21, 1988

- **PEAT** (8th International Congress), Leningrad, U.S.S.R. (Peat Congress, Ministry of Fuel Industry of the RSFSR, Sadovaya-Chernogryazskaya 8, Moscow 107813, U.S.S.R.)

August 20 - 27, 1988

- **INTERNATIONAL PALAEOBOTANICAL CONGRESS (3rd)** Melbourne, Australia. (Secretary, 3rd IOP Conference, Conventions Department, P.O. Box 1901R, G.P.O., Melbourne 3001, Australia)

August 22 - 26, 1988

- **GEOGRAPHICAL CONGRESS** (IGU 26th International), Sydney, Australia. (Prof. B. Thom, Department of Geography, Institute Building, University of Sydney, Sydney, Australia 2006)

August 28 - September 2, 1988

- **INTERNATIONAL PALYNOLOGICAL CONGRESS** (7th), Brisbane, Australia. (Dr. John Rigby, Conventions Department, P.O. Box 489, G.P.O., Sydney NSW 2001, Australia)

September 1988

- **ENGINEERING GEOLOGY AS RELATED TO THE STUDY, PRESERVATION OF ANCIENT WORKS, MONUMENTS AND HISTORICAL SITES** (IAEG International Symposium), Athens, Greece. (Dr. L. Primei, IAEG, Lab. Central des Ponts et Chaussées, 58 Boulevard Lefebvre, 75732 Paris Cedex 15, France)

September 1988

- **SNOW AND GLACIER RESEARCH RELATING TO HUMAN LIVING CONDITIONS** (Symposium), Norway. (Mrs. R. Richardson, International Glaciological Society, Lensfield Road, Cambridge CB2 1ER, U.K.)

Wish to announce meetings of international significance? Send brochure or details to Episodes, Room 177, 601 Booth Street, Ottawa, Canada K1A 0E8, at least one month in advance of publication date.