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

August 1986

ORIGINS OF IGNEOUS LAYERING (NATO Advanced Workshop), Narssarsuaq, Greenland. (Dr. I. Parson, Department of Geology and Mineralogy, Marischal College, Aberdeen AB9 1AS, Scotland, U.K.)

August 1986

★ DEVONIAN SUBCOMMISSION (ICS Conference), Prague, Czechoslovakia. (Dr. J.W. Cowie, Department of Geology, University of Bristol, BS8 1RJ, U.K.)

August/September 1986

LANDSCAPES OF THE SOUTHERN HEMISPHERE (International Conference), Adelaide, Australia. (Prof. Jon Firman, S.A. Department of Mines and Energy, P.O. Box 151, Eastwood, S.A. 5063, Australia)

August 1 - 7, 1986

SPELEOLOGY (9th International Congress), Barcelona, Spain. Languages: English and French. (General Secretary of the Congress, P.O. Box 343, E-08080 Barcelona, Spain)

August 3 - 7, 1986

• EROSION AND SEDIMENTATION (International Symposium), Corvallis, Oregon, U.S.A. (F. Swanson, Forestry Sciences Laboratory, 3200 Jefferson Way, Corvallis, OR 97331, U.S.A.)

August 3 - 9, 1986

NATURAL AND MAN-MADE HAZARDS (International Symposium), Quebec, Canada. (Mohammed El-Sabh, Dept. of Oceanography, University of Quebec, 310 Avenue des Ursulines, Rimouski, Québec, Canada G5L 3A1)

August 4 - 7, 1986

★ INTERMONTANE BASINS (IAS Symposium), Chiang Mai, Thailand. (T. Thanasuthipitak, Department of Geological Science, Chiang Mai University, Chiang Mai 50002, Thailand)

August 4 - 8, 1986

DRAINAGE BASIN SEDIMENT DELIVERY (International Symposium), Albuquerque, New Mexico, U.S.A. (R.F. Hadley, Secretary ICCE, c/o Department of Geography, University of Denver, Denver, CO 80208-0183, U.S.A.)

August 4 - 8, 1986

HUMIC SUBSTANCES SOCIETY (3rd Annual Meeting), Oslo, Norway. (E. Gjessing, Norwegian Institute for Water Research, P.O. Box 333, Blindern Oslo 3, Norway)

August 4 - 11, 1986

PROCESSES IN THE DEEP ARCHEAN CRUST (Field Workshop), Northern Manitoba, Canada. (Archean Crust Field Workshop, Lunar and Planetary Institute, 3303 NASA Road 1, Houston, TX 77052, U.S.A.)

August 6 - 9, 1986

• THE PLANET MERCURY (Conference), Tucson, Arizona, U.S.A. (M. S. Matthews, Lunar and Planetary Laboratory, University of Arizona, Tucson, AZ 85721, U.S.A.)

August 8 - 17, 1986

★ WATER-ROCK INTERACTION (5th International Symposium), Reykjavik, Iceland. Sponsored by IAGC. (Dr. Haldor Armannsson, Orkusstofnun - The National Energy Authority, Grönsasvegur 9, 108 Reykjavik, Iceland)

August 10 - 14, 1986

HEAT FLOW STUDIES IN SOUTH AMERICA (International Meeting), Sao Paulo, Brazil. Sponsored by International Heat Flow Com-

mission. (Dr. V. Hamza, Inst. Astronomico e Geofisico, Univ. de Sao Paulo, CP 30.627, Sao Paulo, Brazil)

August 10 - 15, 1986

★ MAGMATISM OF EXTENSIONAL REGIONS (International Congress), Lubumbashi, Zaire. Co-sponsored by IGCP Project 227. (Prof. A.B. Kampunzu, Lab. de Pétrologie, Université de Lubumbashi, B.P. 1825, Lubumbashi, Zaire)

August 11 - 14, 1986

ENERGY RESOURCES IN ASIA (International Conference), Hong Kong. Language: English. (The Co-ordinator, AEMP, Asian Research Service, G.P.O. Box 2232, Hong Kong)

August 11 - 15, 1986

★ KIMBERLITE (IAGC 4th International Conference), Perth, Western Australia. (Dr. A.F. Trendall, Geological Survey of Western Australia, 66 Adelaide Terrace, Perth, W.A., Australia)

August 12 - 15, 1986

NAPC IV (North American Paleontological Convention), Boulder, Colorado, U.S.A. (Erle G. Kauffman, Department of Geological Sciences, University of Colorado, CB 250, Boulder, CO 80309, U.S.A.)

August 13 - 15, 1986

★ BASINS OF EASTERN CANADA AND WORLD-WIDE ANALOGUES (Symposium), Halifax, Canada. Co-sponsored by ICL. (C. Beaumont, Oceanography Department, Dalhousie University, Halifax, Nova Scotia, Canada B3H 4J1)

August 13 - 20, 1986

SOIL SCIENCE (13th ISSS International Congress), Hamburg, F.R.G. (Prof. Dr. K.H. Hartge, Inst. für Bodenkunde, Univ. Hannover, Herrenhäuserstrasse 2, D-3000 Hannover 21, F.R.G.)

August 15 - 16, 1986

★ QUATERNARY SEA LEVELS OF AUSTRALIA (Meeting), Warrnambool, Victoria, Australia. Sponsored by IGCP-200 and INQUA. (Associate Prof. D. Hopley, Department of Geography, James Cook University, Townsville, Queensland, Australia)

August 15 - 20, 1986

COASTAL ENVIRONMENT IN THE BALTIC SEA (IGU Meeting) Tallinn, Estonian S.S.R. (P.A. Kaplin, Faculty of Geography, Moscow State University, 117234 Moscow B234, U.S.S.R.)

August 17 - 22, 1986

WATER POLLUTION RESEARCH (13th International Research), Rio de Janeiro, Brazil. (Mr. A. Milburn, IAWPRC, Alliance House, 29/30 High Holborn, London WC1V 6BA, U.K.)

August 17 - 22, 1986

ZEOLITES (7th International Conference), Tokyo, Japan. (M. Koizumi, Institute of Science and Industrial Research, Osaka University, Mihogaoka, Ibaraki, Osaka 567, Japan)

August 17 - 22, 1986

★ CIRCUM-PACIFIC ENERGY AND MINERAL RESOURCES (4th Conference), Singapore. (Circum-Pacific Conference IV, c/o AAPG, P.O. Box 979, Tulsa, OK 74101, U.S.A.)

August 17 - September 8, 1986

★ SILURIAN SUBCOMMISSION (ICS Field Meeting and Conference), Victoria and New South Wales, Australia. (Dr. J.W. Cowie, Department of Geology, University of Bristol, BS8 1RJ, U.K.)

August 18 - 22, 1986

★ INTERNATIONAL ASSOCIATION ON THE GENESIS OF ORE DEPOSITS (7th Symposium), Lulea, Sweden. (Centek Conference, S-951 87 Lulea, Sweden)

August 18 - 23, 1986

DENDROECOLOGY, (International Symposium), Palisades, New York, U.S.A. (G. Jacoby, Tree-Ring Laboratory, Lamont-Doherty Geological Observatory, Palisades, NY 10964, U.S.A.)

August 20 - 22, 1986

SEISMOLOGY, CRUSTAL DYNAMICS, AND EARTHQUAKE PREDICTION (2nd International Hispanic Engineering and Technology Workshop/Conference), Mexico City, Mexico. (H. Castillo, SHPE International Committee, 5400 E. Olympic Blvd., Suite 120, Los Angeles, CA 90022, U.S.A.)

August 20 - 27, 1986

★ LOESS AND OTHER PLEISTOCENE DEPOSITS OF EXTREME WESTERN EUROPE (INQUA/IGU Joint Field Meeting), Caen, France. (Prof. Dr. J.P. Lautridou, Centre de Géomorphologie du CNRS, rue des Tilleuls, F-14000 Caen, France)

August 21 - 30, 1986

EUROPEAN GEOPHYSICAL SOCIETY/EUROPEAN SEISMOLOGICAL COMMISSION (Joint Meeting), Kiel, F.R.G. (Prof. R. Meissner, Institut für Geophysik, Christian-Albrechts-Universität, Olshausenstrasse 40, D-2300 Kiel 1, F.R.G.)

August 24 - 30, 1986

★ SHALLOW TETHYS (International Symposium), Wagga Wagga, Australia. Sponsored by IPA. (K.G. McKenzie, School of Applied Science, Riverina C.A.E., P.O. Box 588, Wagga Wagga, N.S.W. 2650, Australia)

August 24 - 29, 1986

LIVING AND FOSSIL DIATOMS (9th International Symposium), Bristol, U.K. (F.E. Round, Department of Botany, University of Bristol, Bristol BS8 1UG, U.K.)

August 24 - 30, 1986

★ SEDIMENTS DOWN-UNDER (12th International Sedimentological Congress), Canberra, Australia. Sponsored by IAS. (12th International Sedimentological Congress, ACTS, GPO Box 1929, Canberra ACT 2601, Australia)

August 25 - 28, 1986

★ LARGE ROCK CAVERNS (Meeting), Helsinki, Finland. Co-sponsored by IAEG. (Dr. K. Saari, Technical Research Centre of Finland, Lehtisaarentie 2, SF-00340 Helsinki, Finland)

August 25 - 28, 1986

SCALE EFFECTS IN MODELLING SEDIMENT TRANSPORT PHENOMENA (IAHR Symposium), Toronto, Canada. (T.M. Dick, Canada Centre for Inland Waters, P.O. Box 5050, Burlington, Ontario L7R 4A6, Canada)

August 25 - 29, 1986

REMOTE SENSING FOR RESOURCES DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT (International Symposium), Enschede, The Netherlands. (Secretariat Symposium Commission VII, ISPRS, c/o ITC, P.O. Box 6, 7500 AA Enschede, The Netherlands)

August 25 - 30, 1986

FIGURE AND DYNAMICS OF THE EARTH, MOON AND PLANETS (International Symposium), Prague, Czechoslovakia. (Dr. P. Holota, Research Institute of Geodesy, Topography and Cartography, T. Politických veznu 12, Praha 1, Czechoslovakia)

August 25 - 30, 1986

IGU (Regional Meeting), Spain. Includes GEOMORPHOLOGY OF RIVER AND COASTAL PLAINS Sevilla; GEOMORPHOLOGICAL SURVEY AND MAPPING, Zaragoza; MORPHO-TECTONICS, Madrid; FLUVIAL AND SLOPE

Coming Events

- PROCESSES IN A MEDITERRANEAN ENVIRONMENT**, Murcia-Valencia-Barcelona. (L.A. Kosinski, Department of Geography, University of Alberta, Edmonton, Alberta, Canada T6G 2H4)
- August 30 - September 5, 1986
PHYSICS AND CHEMISTRY OF ICE (7th International Symposium), Grenoble, France. (J. Klinge, Laboratoire de Glaciologie, B.P. 53X, 38041 Grenoble Cedex, France)
- September 1986
PALAEOCLIMATIC AND PALEOENVIRONMENTAL CHANGES IN ASIA DURING LAST 4 MILLION YEARS (International Symposium), Ahmedabad/Srinagar, India. (Prof. Dr. D.P. Agrawal, Physical Research Laboratory, Navrangpura, Ahmedabad 380 009, India)
- September 1 - 2, 1986
PROSPECTING IN AREAS OF GLACIATED TERRAIN (7th Symposium), Kuopio, Finland. (Conference Office, Institution of Mining and Metallurgy, 44 Portland Place, London W1N 4BR, U.K.)
- September 1 - 3, 1986
ROCK STRESS AND ROCK STRESS MEASUREMENTS (International Conference), Stockholm, Sweden. Languages: English, German, and French. (Centek Conference, Lulea University, S-951 87 Lulea, Sweden)
- September 1 - 6, 1986
IBERIAN TERRANES AND THEIR REGIONAL CORRELATION (International Conference), Oviedo, Spain. Sponsored by IGCP-233. (E. Martinez-Garcia, Departamento de Geotectonica, Facultad de Geologia, Universidad de Oviedo, 33005 Oviedo, Spain)
- September 4 - 10, 1986
GEOMECHANICS (International Symposium), Beijing, P.R. China. (Secretariat of International Symposium on Geomechanics, c/o Institute of Geomechanics, Chinese Academy of Geological Sciences, Fahuasi, Xijiao, Beijing, P.R. China)
- September 6 - 13, 1986
MAN'S IMPACT ON COASTAL ENVIRONMENT (Field Meeting), Spanish coast between French border and Valencia. Sponsored by IGU Commission on the Coastal Environment. (Dr. Maria-Angels Marqués, Facultad de Geologia, Universidad de Barcelona, Gran Via 585, Barcelona 08011, Spain)
- September 7 - 12, 1986
SILICEOUS DEPOSITS (International Meeting), Dubrovnik, Yugoslavia, IGCP-187. (J.R. Hein, U.S. Geological Survey, MS-999, 345 Middlefield Road, Menlo Park, CA 94025, U.S.A.)
- September 7 - 12, 1986
SYNSEDIMENTARY TECTONICS (GSA Penrose Conference), Durango, Colorado, U.S.A. (W.A. Thomas, Department of Geology, Box 1945, University of Alabama, University, AL 35486, U.S.A.)
- September 7 - 12, 1986
REMOTE SENSING IN GLACIOLOGY (Symposium), Cambridge, England. (Secretary General, International Glaciological Society, Lensfield Road, Cambridge CB2 1ER, England, U.K.)
- September 8 - 10, 1986
INNOVATIVE DIRECTIONS IN PETROLEUM EXPLORATION (Symposium), Dallas, Texas. (I. Williamson, Department of Geology, Imperial College, Prince Consort Road, London SW7 2BP, U.K.)
- September 8 - 11, 1986
GEOSCIENCE AND REMOTE SENSING (International Symposium), Zürich, Switzerland. Sponsored by IEEE Geoscience & Remote Sensing Society. (Prof. H. Haefner, Remote Sensing Laboratory, Department of Geography, Universität Zürich-Irchel, Winterthurerstrasse 190, 8057 Zürich, Switzerland)
- September 8 - 12, 1986
PALEOCEANOGRAPHY (2nd International Conference), Woods Hole, U.S.A. (W.A. Berggren, WHOI, Woods Hole, MA 02543, U.S.A.)
- September 8 - 13, 1986
ANISOTROPY AND INHOMOGENEITY OF THE LITHOSPHERE AND ASTHENOSPHERE (Meeting), Bechyně, Czechoslovakia. (Dr. V. Babuska, Geophysical Institute, Boctni H, 14131 Prague 4, Czechoslovakia)
- September 8 - 13, 1986
UNDERGROUND MINING SCIENCES AND TECHNOLOGY (International Symposium), Nottingham, U.K. (Dr. M.J. Richards, Mining Engineering Department, University of Nottingham, University Park, Nottingham NG7 2RD, U.K.)
- September 8 - 13, 1986
RECENT CRUSTAL MOVEMENTS OF THE EARTH (7th International Symposium), Tallinn, Estonian S.S.R. (Prof. Yu. D. Boulanger, International Symposium CRCM-86, Soviet Geophysical Committee, Academy of Sciences of the U.S.S.R., Molodezhnaya, 3, 117296, Moscow, U.S.S.R.)
- September 8 - 15, 1986
INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS (19th Congress), Karlovy Vary, Czechoslovakia. (A. Zaporozec, IAH, 3817 Mineral Point Road, Madison, WI 53705, U.S.A.)
- September 14 - 19, 1986
AVALANCHE FORMATION, MOVEMENT AND EFFECTS (International Symposium), Davos, Switzerland. (Symposium 1986, EISLF, Weissfluhjoch, CH-7260 Davos-Dorf, Switzerland)
- September 15 - 19, 1986
GOLD 100 (International Conference), Johannesburg, South Africa. (The Conference Secretary (C.29), Mintek, Private Bag X3015, Randburg, 2125 South Africa)
- September 16 - 18, 1986
VERTEBRATE PALAEONTOLOGY AND COMPARATIVE ANATOMY (34th Annual Symposium), Belfast, Northern Ireland. (Mike Benton, Department of Geology, The Queen's University of Belfast, Belfast, BT7 1NN, Northern Ireland)
- September 21 - 25, 1986
GEOLOGY OF LIBYA (3rd Symposium), Tripoli, Libya. Languages: Arabic and English. (Secretary General, Earth Science Department, Faculty of Science, University of Al-Fateh, P.O. Box 13258, Tripoli, Libya.)
- September 22 - 25, 1986
METEORITICAL SOCIETY (49th Annual Meeting), New York, U.S.A. (Martin Prinz, Department of Mineral Sciences, American Museum of Natural History, New York, NY 10024, U.S.A.)
- September 22 - 26, 1986
HOLSTEINIAN INTERGLACIAL (INQUA Symposium), Hamburg, F.R.G. (Dr. G. Linke, Geologisches Landesamt, Oberstrasse 88, D-2000 Hamburg 13, Federal Republic of Germany)
- September 22 - 27, 1986
UNDERGROUND WATER TRACING (5th International Symposium), Athens, Greece. Languages: English, German and Greek. (5th SUWT, Institute of Geology and Mineral Exploration, 70 Messoghion Street, 115 27 Athens, Greece)
- September 22 - 28, 1986
BENTHOS '86 (3rd International Symposium on Benthic Foraminifera), Geneva, Switzerland. (D. Decrouez, Dept. of Geology and Invertebrate Palaeontology, Museum d'Histoire naturelle de Genève, CP 434, 1211 Genève 6, Switzerland)
- September 23 - 27, 1986
SOIL MECHANICS AND FOUNDATION ENGINEERING (8th Danube European Conference), Nuremberg, F.R.G. (Prof. U. Smoitezyk, Deutsche Gesellschaft für Erd-und-Grundbau, e.V. Kronprinzenstrasse 35 A, D-4300, Essex 1, F.R.G.)
- September 26 - 28, 1986
SEPM (3rd Annual Midyear Meeting), Raleigh, North Carolina, U.S.A. (SEPM, P.O. Box 4756, Tulsa, OK 74159, U.S.A.)
- September 26 - 29, 1986
PALEONTOLOGY AND BIOSTRATIGRAPHY (Canadian Seminar), Albany, N.Y., U.S.A. (Ed Landing, N.Y.S. Geological Survey, The State Education Department, Albany, NY 12230, U.S.A.)
- September 26 - October 1, 1986
TILLS, GLACIAL TECTONICS AND QUATERNARY STRATIGRAPHY IN NW GERMANY AND IN W PART OF DENMARK (INQUA Field Symposium), Denmark. (Dr. S. Sjoerring, Institute of General Geology, University of Copenhagen, Oester Voldgade 10, DK-1350 Copenhagen K, Denmark).
- September 27 - 28, 1986
AEOLIAN GEOMORPHOLOGY (18th Binghampton Symposium), Guelph, Canada. (W.G. Nickling, Department of Geography, University of Guelph, Guelph, Ontario, Canada N1G 2W1)
- September 28 - 30, 1986
AAPG HOUSTON GEOTECH '86 (Meeting), Houston, Texas, U.S.A. (T. Sheely, Union Oil Co. of Calif., 4615 Southwest Freeway, Suite 500, Houston, TX 77027, U.S.A.)
- September 28 - October 1, 1986
GOLD '86 (International Symposium), Toronto, Canada. (E. Craigie, Selco Division of BP Resources Canada Ltd., 55 University Avenue, Suite 1700, Toronto, Ontario, Canada M5J 2H7)
- September 29, 1986 - October 1, 1986
GEOTHERMAL RESOURCES COUNCIL (1986 Annual Meeting), Palm Springs, Calif., U.S.A. (Geothermal Resources Council, P.O. Box 1350, Davis, CA 95617-1350, U.S.A.)
- September 29 - October 1, 1986
CONTINUOUS SURFACE MINING (International Symposium), Edmonton, Canada. (Dr. T.S. Golosinski, Department of Mineral Engineering, University of Alberta, Edmonton, Alberta, Canada T6G 2G6)
- September 29 - October 2, 1986
REMOTE SENSING FOR EXPLORATION GEOLOGY (5th Thematic Conference), Reno, Nev., U.S.A. (Environmental Research Institute of Michigan, P.O. Box 8618, Ann Arbor, MI 48107, U.S.A.)
- October 1986
EXPLORATION GEOCHEMISTRY OF CHINA (3rd Symposium), Guilin, P.R. China. (Prof. Xie Xuejing, 3rd Chinese Exploration Geochemistry Symposium, Institute of Geophysical and Geochemical Exploration, Langfang, Hebei 102801, P.R. China)
- October 1 - 3, 1986
MICROBIAL PROCESSES IN THE TRANSPORT, FATE, AND IN SITU TREATMENT OF SUBSURFACE CONTAMINANTS (Chapman Conference), Snowbird, Utah. (AGU Meetings, 2000 Florida Avenue NW, Washington DC 20009, U.S.A.)
- October 1 - 4, 1986
SALT ROCK GEOMECHANICS (Seminar), Waterloo, Ont., Canada. (C. Fordham, Department of Earth Sciences, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1)
- October 2 - 4, 1986
COMPUTERS IN THE PETROLEUM INDUSTRY: INTEGRATED APPROACHES (15th Annual Geochautauqua), Calgary, Alberta,

Coming Events

- Canada. (Michael Marchand, c/o Canterra Energy Ltd., Box 1051, Calgary, Alberta, Canada T2P 2K7)
- October 2 - 8, 1986
- ★ **PALEOHYDROLOGY OF THE TEMPERATE ZONE DURING THE LAST 15,000 YEARS: FLUVIAL ENVIRONMENTS** (IGCP-158 Meeting), Belgium. (Prof. Dr. F. Gullentops, Instituut voor Aardwetenschappen, Redingenstraat 16 bis, B-3000 Leuven, Belgium)
- October 3 - 5, 1986
- ★ **GLACIAL TECTONICS** (INQUA Field Meeting), Moen, Denmark. (Dr. M. Houmark-Nielsen, Institute of General Geology, University of Copenhagen, Oester Voldgade 10, DK-1350 Copenhagen K, Denmark)
- October 5 - 8, 1986
- ASSOCIATION OF EARTH SCIENCE EDITORS** (Annual Meeting), Duluth, Minn., U.S.A. (Jeanne Moore, Ernest K. Lehmann & Associates Inc., Suite 300, 1409 Willow Street, Minneapolis, MN 55403, U.S.A.)
- October 5 - 9, 1986
- BETTER LIVING THROUGH ENGINEERING GEOLOGY** (AEG 29th Annual Meeting), San Francisco, Calif., U.S.A. (R.R. Upp, Upp Geotechnology, P.O. Box 28545, San Jose, CA 95128, U.S.A.)
- October 5 - 11, 1986
- WORLD ENERGY** (13th Congress), Cannes, France. (R. Rutley, World Energy Conference, 34 St. James's Street, London SW1A 1HD, U.K.)
- October 6 - 9, 1986
- ★ **DEVELOPMENT OF QUATERNARY GEOLOGY IN SE ASIA** (2nd Symposium), Bangkok, Thailand. IGCP-218 a co-sponsor. (Dr. Phisit Dheeradolok, Geological Survey Division, Department of Mineral Resources, Rama 6 Road, Bangkok - 10400, Thailand)
- October 6 - 10, 1986
- SEDIMENTOLOGY OF ARGENTINA** (Meeting), La Plata, Argentina. (L. Spalletti, Centro de Investigaciones Geológicas, calle 1 n° 644, 1900 La Plata, Argentina)
- October 7 - 14, 1986
- ★ **SEA-LEVEL CHANGES AND APPLICATIONS** (Symposium), Qingdao, P.R. China. IGCP Project 200. Language: English. (Prof. Zhao Songling, Institute of Oceanology, Academia Sinica, 7 Nan-hai Road, Qingdao, P. R. China)
- October 13 - 18, 1986
- ★ **QUATERNARY STRATIGRAPHY OF ASIA AND PACIFIC AREA** (1st International Colloquium and INQUA Meeting), Osaka, Japan. (Prof. Dr. M. Iihara, Department of Geosciences, Osaka City University, Sugimoto 3-3-138, Sumiyoshi-Ku, Osaka 558, Japan)
- October 14 - 18, 1986
- ORIGIN AND EVOLUTION OF PLANETARY AND SATELLITE SYSTEMS** (International Symposium), Potsdam, German Democratic Republic. (Prof. Dr. H. Stiller, Zentralinstitut für Astrophysik, Potsdam, German Democratic Republic)
- October 18 - 27, 1986
- STATE OF KNOWLEDGE ON AFRICAN MOUNTAINS** (IGU Meeting), Addis Ababa, Ethiopia. (B. Messerli, Geography, University of Bern, Hallerstrasse 12, CH-3012 Berne, Switzerland)
- October 19 - 26, 1986
- **GULF OF SUEZ AND RED SEA RIFTING: TECTONIC AND SEDIMENTARY PROCESSES** (International Workshop), Hurghada, Egypt. (M. Steckler, Lamont Doherty Geological Observatory, Palisades, NY 10964, U.S.A.)
- October 20 - 25, 1986
- ★ **INTERNATIONAL ASSOCIATION OF ENGINEERING GEOLOGY** (International Conference), Buenos Aires, Argentina. (C.A. Di Salvo, Moreno 584, 9 piso, 1091 Buenos Aires, Argentina)
- October 20 - 25, 1986
- INTERNATIONAL COMMISSION FOR THE SCIENTIFIC EXPLORATION OF THE MEDITERRANEAN SEA** (30th Congress), Palma, Majorca, Spain. (ICSEM, 16 Blvd. de Suisse, MC 98030, Monte-Carlo Cédex, Monaco)
- October 21 - 24, 1986
- SEDIMENTATION AND TECTONICS IN INDIAN SUBCONTINENT** (Indian Association of Sedimentologists 6th Convention), Dehra Dun, India. (Dr. R.A.K. Srivastava, Wadia Institute of Himalayan Geology, Gen. Mahadev Singh Road, Dehra Dun - 248001, India)
- October 25 - 31, 1986
- GEOPHYSICS AND ITS TECTONIC IMPLICATIONS IN THE ARABIAN PENINSULA AND THE RED SEA REGION** (ICTP Workshop), Sana'a, Yemen Arab Republic. (Prof. Dr. H.M. El Shatoury, Department of Geology, Sana'a University, Sana'a, P.O. Box 1247, Yemen Arab Republic)
- October 26 - 29, 1986
- PETROLEUM GEOLOGY OF NW EUROPE** (3rd Conference), London, U.K. (Conference Co-ordinates, 70 Richmond Road, Twickenham, Middlesex TW1 3BE, U.K.)
- October 27 - 31, 1986
- EL NINO: AN INTERNATIONAL SYMPOSIUM** (AGU Chapman Conference), Guayaquil, Ecuador. (AGU Meetings, 2000 Florida Avenue NW, Washington DC 20009, U.S.A.)
- October 27 - 31, 1986
- IMPACT OF LARGE WATER PROJECTS ON THE ENVIRONMENT** (International Symposium), Paris, France. (Mr. S. Dumitrescu, Division of Water Sciences, Unesco, 7 place de Fontenoy, 75700 Paris, France)
- October 28 - 30, 1986
- **ENVIRONMENTAL PROBLEMS IN KARST TERRAINS** (Meeting), Bowling Green, Kentucky, U.S.A. (J. Donkin, National Water Well Association, 500 W. Wilson Bridge Road, Worthington, OH 43085, U.S.A.)
- October 29 - 31, 1986
- AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS** (Annual Meeting with Congrès Internationale du Microflore Paléozoïque), New York, U.S.A. (Dan Habib, Graduate School of the City University of New York, 33 West 42nd Street, New York, NY 10036, U.S.A.)
- October 30 - November 5, 1986
- NONLINEAR SEISMOLOGY** (International Symposium), Suzdal, U.S.S.R. (Soviet Geophysical Committee, Molodezhnaya 3, Moscow, U.S.S.R.)
- 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 1986
- ★ **GEOLOGY OF SOMALIA AND SURROUNDING REGION** (First Congress), Mogadishu, Somalia. Organized and sponsored by IUGS. (G.O. Gatto, Institute of Mineralogy, University of Padova, Corso Garibaldi 37, I-35100 Padova, Italy)
- November 1 - 4, 1986
- INDIGENOUS RAW MATERIALS AND THEIR INDUSTRIAL UTILIZATION IN THE GULF REGION** (Conference), Kuwait. (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, Geological Society of America, 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 16 - 20, 1986
- WATER FOR MANKIND** (Symposium), Cairo, Egypt. (Universal Movement for Scientific Responsibility, 127 Boulevard Saint-Michel, 75005, Paris, France)
- 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 PALAEOBIOLOGY AND BIOSTRATIGRAPHY CONGRESS** (4th), Mendoza, Argentina. (Dr. W. Volkheimer, Pribipa-Crieyt-CC 131, 5500 Mendoza, Argentina)
- November 26 - 28, 1986
- REE, NB AND TA ORE DEPOSITS** (Workshop), Berlin, F.R.G. (Prof. P. Möller, Hahn-Weinert Institut für Kernforschung, P.O. Box 39 01 28, Glienicke Strasse 100, D-1000 Berlin 39, Federal Republic of Germany)
- 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
- RESEARCH IN GEOPHYSICS AND GEOPHYSICAL EXPLORATION IN AFRICA** (International Conference), Kano, Nigeria.

Coming Events

Co-sponsored by International Lithosphere Program. (AGERA Conference, c/o Department 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 GEO-SCIENTIFIC 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 Ngai Lao St., Hanoi, Vietnam)

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

- **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 Bénin, 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, IAEG 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. Lavania, 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 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, University of Hong Kong, Hong Kong)

January 19 - 23, 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 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 - 6, 1987

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

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 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.)

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 16 - 20, 1987

- **LUNARY 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. (Conference Office, IMM, 44 Portland Place, London W1N 4BR, 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. (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 KIVI, P.O. Box 30424, 2500 GK The Hague, The Netherlands)

April 1 - 3, 1987

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

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 7 - 8, 1987

- **PHANEROZOIC IRONSTONES AND RELATED DEPOSITS** (International Symposium), Sheffield, U.K. (Dr. G. Taylor, Department of 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.)

Coming Events

April 13 - 15, 1987

- ★ **ARGENTINE PALAEOBOTANY AND PALINOLOGY** (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. (Prof. Dr. W. Lowrie, Inst. für Geophysik, HPP P 5, ETH Höggerberg, CH 8093 Zurich, Switzerland)

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/Kassel, 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 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 12 - 14, 1987

- **COASTAL SEDIMENTS '87** (Conference), New Orleans, Louisiana, U.S.A. (Dr. N.C. Kraus, USAE Waterways Experiment Station, Coastal Engineering Research Center, P.O. Box 631, Attn: WESCE-P, Vicksburg, MS 39180-0631, U.S.A.)

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 Sympos-

ium), The Hague, The Netherlands. (Dr. H.J.W.G. Schalke, 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, Department of Geological Sciences, University of Saskatchewan, Saskatoon, Sask., Canada S7N 0W0)

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. Gorbatschev, 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 11 - 12, 1987

- FAN-DELTA: SEDIMENTOLOGY AND TECTONIC SETTINGS** (International Symposium), Bergen, Norway. Sponsored by Norsk Hydro, University of Bergen and Norwegian Petroleum Society. (R.J. Steel, Norsk Hydro Research Centre, P.O. Box 4314, 5013 Bergen, Norway)

July 1987

- ★ **CHEMISTRY OF THE EARTH AND THE UNIVERSE** (IAGC 20th Anniversary Congress), Paris, France. (Dr. B. Hitchon, Alberta Research Council, Terrace Plaza, 4445 Calgary Trail South, Edmonton, Alberta, Canada T6H 5R7)

July 6 - 10, 1987

- **CRYPTOEXPLOSIONS AND CATASTROPHES IN THE GEOLOGICAL RECORD** (International Workshop), Johannesburg, South Africa. (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, RHBNC, Egham, Surrey TW20 0EX, England, U.K.)

July 7 - 10, 1987

- **APPLIED MINERALOGY** (3rd International Congress), Orléans, France. (P. Alain, ICAM 87, Laboratoire de Minéralogie Appliquée, Ecole Supérieure de l'Energie et des Matériaux, Domaine Universitaire de la Source, B.P. 6749, 45067 Orléans, Cedex 2, France)

July 27 - 30, 1987

- **LATIN AMERICAN PALEONTOLOGY** (4th Congress) Santa Cruz de la Sierra, Bolivia (Dr. M. Seizarez-Rigl, Congress of Paleontología, Casilla #1321, Santa Cruz de la Sierra, Bolivia)

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 1987

- PACIFIC NEOGENE PALEOCEANOGRAPHIC AND BIOSTRATIGRAPHIC EVENTS** (Meeting), Berkeley, Calif., U.S.A. (Dr. C. Brunner, Department of Paleontology, University of California, Berkeley, CA 94720, U.S.A.)

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

August 18 - 22, 1987

- **AFRICAN GEOLOGY** (14th Colloquium), Berlin (West). (G. Matheis, Technical University of Berlin, Special Research Project 69, Ackerstrasse 71-76, D-1000 Berlin 65 (West))

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 (Prof. Bong Kyun Kim, Dept. of Geological Sciences, Seoul National Univ., Seoul, South Korea)

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 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 3, 1987

- SOIL MECHANICS AND FOUNDATION ENGINEERING** (9th European Conference), Dublin,

Coming Events

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. (Prof. Yang Jing-zhi, Nanjing Institute of Geology and Palaeontology, 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 1987

• **HISTORY OF THE ROCK AND FOSSIL RECORD** (13th INHIGEO Symposium), Pisa, Italy. (Dr. E. Dudich, Hungarian Geological Institute, Budapest XIV, Népstadion ut 14. pf. 106, H-1442 Hungary)

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** (COGEODATA 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

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 11 - 14, 1987

SEPM (4th Annual Midyear Meeting), Austin, Texas. (SEPM, P.O. Box 4756, Tulsa, OK 74159, 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-Mishwt, Geology Department, Kuwait University, P.O. Box 5969, Safat, Kuwait)

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. 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

• **HYDROLOGY OF COAL BASINS** (IUGS/IAH Symposium), Katowice, Poland. (Dr. E.

Romijn, Provincial Waterboard of Gelderland, Markstraat 1, P.O. Box 9090, 6800 GX Arnhem, The Netherlands)

September 14 - 25, 1987

• **EVOLUTION OF METAMORPHIC BELTS** (Geological Society and IGCP-235 Joint Meeting), Dublin, Ireland. (J.S. Daly, Department of Geology, University College, Belfield Campus, Dublin 4, Ireland)

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 6 - 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, Secretariat MEGS 5, Sava-Centre, P.O. Box 5, 11000 Beograd, Yugoslavia)

October 11 - 15, 1987

SOCIETY OF EXPLORATION GEOPHYSICISTS (57th 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), Pribram, Czechoslovakia. Co-sponsored by IAMG. (Sekretariat symposia, Hornicka Pribram ve vede a Technice, Post. schr. 41, 261 02 Pribram, Czechoslovakia)

October 26 - 29, 1987

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

November 1987

• **SOUTH AMERICAN COGEODATA** (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

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

1988

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 Headquarters, Box 979, Tulsa, OK 74101, U.S.A.)

May 16 - 20, 1988

• **BICENTENNIAL GOLD 88** (Conference), Melbourne, Australia. Cosponsored 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, Markstraat 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 1 - 8, 1988

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

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. Primel, IAEG, Laboratoire Central des Ponts et Chaussées, 58 Boulevard Lefebvre, 75732 Paris Cedex 15, France)

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