

Noticeboard

Diary

☞ Further dates for your diary

1990

- 3–8 September **International Volcanological Congress.** Johannes-Gutenberg-Universität, Mainz, Federal Republic of Germany.
Secretary: Dr Gerhard Brey, Saarstrasse 23, D-6500 Mainz, Federal Republic of Germany.
- 5–11 September **Seventh International Symposium of the Commission on Atmospheric Chemistry and Global Pollution (CACGP) 'Chemistry of the Global Atmosphere'.** Chamrousse, France.
Details from: Dr R.J. Delmas, Laboratoire de Glaciologie et Geophysique de l'Environnement, B.P. 96, 38402 St Martin d'Herès Cédex, France
- 12–16 September **Second International Dyke Conference.** Adelaide, Australia.
Details from: IDC-2, ACTS, GPO Box 2200, Canberra, ACT 2601, Australia
- 18–20 September **Second International Conference on Ice Technology.** Cambridge, UK.
Details from: Liz Newman, Conference Secretary, Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton SO4 2AA, UK.
- 24–28 September **Past and Present Climate Dynamics: Reconstruction of Rates of Change.** Canton of Ticino, Switzerland.
Details from: K. Kelts, ProClim90, Postfach 7613, CH3001 Bern, Switzerland.
- 25–30 September **International Symposium on Glaciers-Ocean-Atmosphere Interactions (ICSI).** Leningrad, USSR.
Details from: Prof. V.M. Kotlyakov, Institute of Geography, Academy of Sciences USSR, Staromonetny per., 29, Moscow 109017, USSR.
- 23–24 October ☞ **Earth Observations and Global Decision Making: A National Partnership.** National Press Club, Washington DC. Contact: Dr Robert H Rogers, PO Box 8618, Ann Arbor M1 48107 8618 USA
- November ☞ **Special Antarctic Treaty Meeting.** Santiago, Chile
- 5–6 December ☞ **Thirteenth Symposium on Polar Biology.** National Institute of Polar Research, Tokyo, Japan.
Convenor Mitsuo Fukuchi and Hiroshi Kanda

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- 30 January–
2 February ☞ **Nordic Conference on Cold.** University of Tromsø, Norway. Contact: Nordic Council of Arctic Medical Research, Aapistie 3, SF-90220 Oulu Finland
- 15–19 April ☞ **XVI Consultative Meeting of the Contracting Parties to the Antarctic Treaty Preparatory Meeting.** Bonn, Federal Republic of Germany
Contact: Dr K. Messer, Auswärtiges Amt (Foreign Affairs), AS 504, Postfach 11 48, D-5300 Bonn 1, Federal Republic of Germany.
- 25–30 June **Gondwana VIII.** Hobart, Tasmania.
Convener: Dr R.H. Findlay, Department of Resources and Energy, Box 56, Tasmania 7018, Australia.
- 2–9 August **XIII INQUA Congress.** Beijing, China.
Details from: Secretariat, XIII INQUA Congress, Chinese Academy of Sciences, 52 Sanlike, Beijing 100864, China.
- 4–10 August **Fourth International Phycological Congress,** Duke University, Durham, North Carolina.
Details from: Congress Secretariat, Department of Botany, Duke University, USA 27706
- 11–15 August ☞ **First International Offshore and Polar Engineering Conference.** Secretariat Address: ISOPE-91 Edinburgh, 4 Frederick Sanger Road, Surrey Research Park, Guildford, Surrey GU2 5YJ, UK
- 11–24 August **XX IUGG General Assembly.** Vienna, Austria.
Details from: IUGG 91 Organizing Committee, c/o ZAMG, Hohe Warte 38, A-1190 Vienna, Austria.
- 1–6 September **Symposium on the Physics and Chemistry of Ice.** Sapporo, Japan.

- Details from: Norikazu Maeno, Institute of Low Temperature Science, Hokkaido University, Sapporo 060, Japan.
- 9–13 September **Sixth International Symposium on Antarctic Earth Sciences.** Ranzan-Machi, Saitama, Japan. Convener: Prof. Y. Yoshida, National Institute of Polar Research, Kaga 1-9-10, Itabashi-ku, Tokyo 173, Japan.
- 18–21 September **SCAR–SCOR BIOMASS Colloquium.** Alfred-Wegener-Institut, Bremerhaven, Federal Republic of Germany. Contact: Mrs Dr S. Schiel, Alfred-Wegener-Institut für Polar- und Meeresforschung, Postfach 1201612, Columbusstraße, D-2850 Bremerhaven, Federal Republic of Germany.
- 23–28 September **SCAR Antarctic Science Conference.** Bremen, Federal Republic of Germany. Contact: Dr H. Kohnen, Alfred-Wegener-Institut für Polar- und Meeresforschung, Postfach 120161, Columbusstraße, D-2850 Bremerhaven, Federal Republic of Germany.
- September **Sixth International Symposium on Ground Freezing.** Beijing, China. Details from: Hans Jessberger, Ruhr-Universität Bochum, PO Box 102148, D-4630 Bochum 1, Federal Republic of Germany.
- 30 September–
2 October **Antarctic Challenge IV Conference.** Bremen, Federal Republic of Germany. Details from: Prof. Dr R. Wolfrum, Institut für Internationales Recht, Olshausenstraße 40, D-2300 Kiel 1, Federal Republic of Germany.
- 7–18 October **Antarctic Treaty Consultative Meeting – XVI.** Bonn, Federal Republic of Germany. Contact: Dr K. Messer, Auswärtiges Amt (Foreign Affairs), AS 504, Postfach 11 48, D-5300 Bonn 1, Federal Republic of Germany.

PLEASE NOTIFY US OF YOUR MEETINGS — DIARY ENTRIES ARE FREE

News

Australian Stations

Recently there has been a fire at Mawson which has apparently destroyed the kitchen and recreation block. Earlier this winter a serious spillage of oil occurred at Casey. At Macquarie Island thousands of dead penguins were found; an enquiry by Tasmanian Parks and Wildlife is underway.

U.S. Antarctic Programme

The United States has announced that it will conduct and publish an Environmental Impact Assessment of its entire Antarctic Programme. This will update the original EIS published in 1980. A draft will be published in July 1990 and the final version should be available in December 1990.

United Nations role to protect the ozone layer

Around 100 countries gathered in London on 28 June at a meeting designed to strengthen the Montreal Protocol. A Special Fund has been set up by the United Nations Environment Programme with a \$160 million budget for the first 3 years. Some of the fund will be committed to assist developing countries to phase out the use of CFCs. The Protocol aims to ban the world wide use of CFCs by the year 2000.

Unmanned submersibles under ice?

On 12 July the British Antarctic Survey hosted the 3rd AUTOSUB workshop. Scientists and technologists discussed the progress to date on the development of an autonomous vehicle for hydrographic research. The meeting established a more detailed range of Arctic and Antarctic missions which could be addressed by autonomous craft towards the end of the next decade. These include studies of sea ice distribution, the biology of the marginal ice zone, the global carbon budget

besides the more hazardous under ice shelf missions. AUTOSUB is a community programme of the UK Natural Environment Research Council.

New Books

Antarctic Sector of the Pacific edited by Glasby, G.P. (ISBN 0444 88 5102) published by Elsevier, Amsterdam.

Volcanoes of the Antarctic Plate and Southern Oceans edited by W.E. LeMasurier & J.W. Thomson (ISBN 0 87590172 7) published by American Geophysical Union, Washington DC.