



Books received

14. G. Padmore, "Government participation in mining projects: fiscal, financial and regulatory implications for developing countries", *Natural Resources Forum*, Volume 16, No. 1992, p.132-140.

15. D. Palmeter, "Environment and trade: Who will be heard, What law is relevant?", *Journal of World Trade*, Volume 26, 1992, p.35-41.

16. M.J. Peck, H.H. Landsberg and J.E. Tilton, "Introduction", in M.J. Peck, H.H. Landsberg and J.E. Tilton eds, *Competitiveness in Metals - The Impact of Public Policy*, (London: Mining Journal Books), p.3.

17. A. Porges, "Government Subsidies", *Materials and Society*, Volume 8, 1984, p.497-499.

18. E.A. Romagnoli, "Setting the framework for minerals trade", *Materials and Society*, Volume 13, 1989, p. 137-143.

19. J. Tilton, "Changing trends in metal demand and the decline of mining and mineral processing in North America", *Resources Policy*, Volume 15, No. 1, p.12-23.

20. J. Tilton, "Mineral endowment, public policy and competitiveness: a survey of the issues", *Resources Policy*, Volume 18, 1992, p.237-249.

21. A. Warhurst, "South-South Cooperation: Opportunities in Minerals Development", in Lynn K Mytelka (Ed) *South-South Cooperation: In a Global Perspective*, OECD, Paris, 1994.

22. A. Warhurst, "Environmental Degradation from Mining and Mineral Processing in Developing Countries: Corporate Responses and National Policies", OECD, Paris, 1994.

23. A. Warhurst, "Environmental Regulation, Innovation and Sustainable Development", Paper Prepared for the Third Mining and Environment Research Network, Wiston House, West Sussex, UK, 14-17 September, 1993. ■

Australian Mining Industry Council, *Safety Performance of the Australian Mining and Minerals Industry 1993/1994*, Australian Mining Industry Council, P.O. Box 363, Dickson ACT 2602, Australia 1995. Fax: (06) 279 3699. 36 pp. Free except postage.

The Australian Mining Industry Council (AMIC) represents the majority of major companies involved in mining and mineral processing operations throughout Australia. AMIC commissioned this report to demonstrate the mining industry's continued commitment to improving safety, to enhance the changing safety culture and attitudes within the mining industry and the community at large. The report includes three analyses: a review of the Australian mining performance to 1993/94, an international benchmarking comparison and a review of health incidence data for the mining industry as provided by Worksafe Australia.

Barham, Bradford, Bunker, Stephen and O'Hearn, Denis, *States, Firms, and Raw Materials. The World Economy and Ecology of Aluminium*, The University of Wisconsin Press, 114 N. Murray Street, Madison, Wisconsin 53 715 USA 1994. ISBN 0-299-14110-1. 341 pp.

The book offers a closely integrated collection of case studies on aluminium production, blending empirical data with current theories, of the state, the firm, industrial organisation, and industrial development. The contributors consider historical, sociological, economic, and ecological factors affecting the organisational dynamics of aluminium production. The overall project is to determine

the causes and consequences of the organisational dimensions of raw materials acquisition.

Billiton Metals' Lead-Zinc Market Report, Billiton Metals Ltd, 84 Fenchurch Street, London EC3M 4BY, England.

Crowson, Phillip, *Minerals Handbook 1994-95, Statistics and analyses of the World's Minerals Industry*, Globe Book Services, The Mcmillan Press Ltd, Houndmills, Basingstoke, RG21 2XS, UK 1994. ISBN 1-56159-113-0. 328 pp. Price: GBP 75.

Ten summary tables provide data on 50 minerals and such topics as: value of annual production, import dependence, world reserves and reserve bases, world production, productive capacity, secondary production, the adequacy of reserves, consumption, end-use patterns, value of contained metal in annual production, annual average prices for the past five years, and marketing arrangements. Crowson has contributed with a clear compact and accessible account of the world's mineral reserves, a very useful up-to-date reference work.

Crush, Jonathan and James, Wilmot, *Crossing boundaries - mine migrancy in a Democratic South Africa*, International Development Research Centre, P.O. Box 8500, Ottawa, Canada K1G 3H9, IDASA/IDRC 1995. Fax: (613) 563 0815. ISBN 1-874864-12-8. 233 pp.

South Africa's mining industry is in crisis. Retrenchments, cutbacks and rationalisation have resulted in more than 180 000 jobs being lost over six years. This book comes at a time when South Africa's new government of national unity is grappling with the task of transforming labour policy. If the migrant labour system stays, a central tenet of apartheid will be preserved. If it goes, the result will be unprecedented regional hardship. Based on a conference which brought together

South African and international scholars and labour experts, this collection puts forward alternative policies and principles.

Dorian, James P, *Minerals, energy and economic development in China*. Clarendon Press Oxford, Oxford University Press, Saxon Way West, Corby NN18 9ES, England 1994. Fax: (+44563) 746337. ISBN 0-19-828744-5. 40 GBP.

Since 1949 energy and minerals production has played a critical role in the economic and industrial development of China, yet until now very little information of this sector has been available to overseas scholars. James Dorian has gathered and analysed material not only on the internal developments of the mining industry but also on the nature of the state's involvement in mining, the industry's interaction with other parts of the economy and the influence of central planning on mineral production and consumption patterns. Dorian also analyses the role played by the mining/energy sector in improving China's global economic position, and examines prospects for expanded mining development in the future.

Fisher, Anthony C, *Environmental and Resource Economics - new horizons in environmental economics*. Edward Elgar Publishing Ltd, 8 Landsdown Place, Cheltenham Glos GL 502HU, UK 1995. Fax: (+441242) 262 111. ISBN: 1-85278-974-3. 392 pp.

The volume features essays dealing with a wide range of theoretical, measurement and policy issues in environmental and resource economics. Particular attention is given to uncertainty about environmental values and the irreversibility of certain kinds of resource depletion.

German Development Institute, *Ninth Progress Report 1991-1993*, Frank Cass Development Studies, Newbury House,

890-900 Eastern Avenue, Newbury Park, Ilford, Essex IG2 7HH, UK or G.D.I. Hallerstr. 3 D-105 87 Berlin. Fax: (030) 390 7330. 101 pp.

Hammond, Allen et al, *Environmental indicators: a systematic approach to measuring and reporting on environmental policy performance in the context of sustainable development*, World Resources Institute, 1709 New York Avenue, NW Washington D.C. 20006, USA 1995. ISBN: 1-56973-026-1. 43 pp.

The authors note the special utility of environmental indicators in democratic countries, where electorates push governments to act on perceived problems. Creating environmental indicators that the public can easily grasp is the surest way to compel high-level government attention - both to the environment and to the efficacy of policies for protecting or restoring it. Besides illustrating environmental trends, indicators can be designed to measure how policies work, implicitly pointing the way toward better approaches.

Institute for Southern Africa, *Why a new Institute for Southern Africa?*, Institute for Southern Africa, P.O. Box 11 275, 1001 GG Amsterdam, The Netherlands 1995. Free except postage.

Instituut voor Zuidelijk Afrika (IZA) aspires to become a point of contact for persons and organisations sharing interest in the affairs of southern Africa. IZA together with the Eduardo Mondlane Foundation and the Holland Committee on Southern Africa intends to merge into a single organisation for southern Africa.

Labson et al, *China steel— China's emerging steel industry and its impact on the world iron ore and steel market*, ABARE Research Report 95.4, Australian Bureau of Agricultural and Resource Economics, GPO Box 1563, Canberra 2601. Fax (+616) 272 2001. ISBN 0-642-22650-4. 57 pp. 25 AUD.

The industrial development of China over the past ten years has been concomitant with pronounced growth in China's iron ore and steel industry. While much of this growth has been confined within domestic boundaries, China's role in the world iron and steel market has increased markedly since the early 1980s. This continuing integration with the world market coupled with China's growing iron ore and steel industry, is likely to have a profound impact on world iron ore and steel trade. As a major exporter of iron ore, Australia is likely to be particularly affected by such market forces. The purpose in this study is to examine the potential impact of China's emerging steel industry on the world iron ore and steel sector. ABARE is a professionally independent government economic research organisation.

Maharaj, Niala and Dorren, Gaston, *The Game of the Rose; The Third World in the Global Flower Trade*, Institute for Development Research, International Books, Alexander Numankade 17, 3572 KP Utrecht, The Netherlands, 1995. ISBN:90 6224 981 7. 112 pp. Price: 17.99 USD.

The Dutch no longer rule supreme in the world flower market. Since the late eighties, developing countries such as Colombia and Kenya have seized a large and growing market share. The Game of the Rose is a report from the front lines of this new War or the Roses (and other cut flowers).

NFR, *International Review of Swedish Research in the Earth Sciences 1995*, Swedish Natural Science Research Council, PO Box 7142, S-103 87 Stockholm, Sweden 1995, 112 pp.

Organisationer med U-landsinriktning (Swedish organisations working with developing countries), Forum Syd, Box 17510, S-118 91 Stockholm, Sweden. Fax: (+46) 8 702 90 99. 96 pp.

Operations Policy Group, *Co-operation between the World Bank and NGOs: FY 1994 Progress Report*, The World Bank, 1818 H Street NW, Washington D.C. 20433 USA 1995. 44 pp. Free except postage.

Roberts, A.E. ed, *Twenty-sixth Annual Report*, Institute of Mining Research, University of Zimbabwe. IMR Report No 156. P O Box MP 167, Mount Pleasant, Harare, Zimbabwe 1994. Fax: (+263) 4 333407. 113 pp.

Ronnäs, Per, *From emergency relief to development assistance - how can Sweden best help Cambodia?*, Stockholm School of Economics, Box 6501, S-113 83 Stockholm, Sweden 1995. 64 pp.

Tien, Jerry C, *Gold Industry of China*, Maclean Hunter Publishing Co, P.O. Box 6500, Chicago ILI 60680-3298, USA 1994. ISBN 0-92-9531288-0.

China has been mining and using gold for thousands of years and today China is a major world player in gold, both as producer and consumer. With estimated gold production in 1993 of 160,000 kilos, China ranked sixth in the world. The author discusses the changing policy environment, the transition of power to provincial and local gold mining companies, gold reserves data base and exploration, mining and processing technology and environmental protection.

United Nations Development Programme, Economic Social Commission for Asia and the Pacific (ESCAP), *Minerals and Metals Trade in the Asia-Pacific Region*, United Nations Building, Rajadamnern Avenue, Bangkok 10200, Thailand 1992. Free except postage.

ESCAP, under its UNDP-funded project Economic Restructuring and International Trade in the Mineral Commodities Sector (RAS/89/027), commis-

sioned the Australian Bureau of Agricultural and Resource Economics (ABARE) to review the major minerals industries in the Asia-Pacific region, regional trade in minerals and metals, and the prospects for growth in minerals and metals trade for the rest of the 1990s. The following publications are included in the series:

- (1) The Contribution of Transnational Mining Corporations to the Asia-Pacific Regions.
- (2) ESCAP Minerals Database System
- (3) Mineral Resources Development and the Environment
- (4) Minerals and Metals Trade in the Asia-Pacific Region
- (5) Minerals and Metals Trading
- (6) Minerals Industry Taxation Policies for Asia and the Pacific
- (7) Negotiating Mineral Industry Agreements and Contracts.

United Nations Development Programme, *Country Strategies for Social Development*, UNDP, Nordic Information Office, P.O. Box 2530, DK-2100 Copenhagen Ø, Denmark. Free except postage.

Drawing on past experience, many countries have evolved approaches to development that are both people-centred and sustainable. Since 1990, UNDP has facilitated a development approach which has two main dimensions. It focuses on people, and it demands sustainability, in terms of the environment, economy, society, culture and institutions. This approach has been termed sustainable human development (SHD). This series describes the process through which the strategies are evolved and through which national consensus is built, with international support. The series cover the experiences of Bolivia, Botswana, China, Egypt, El Salvador, Guinea, Malawi, Pakistan, Philippines, Pacific Island Countries, Sudan, Turkey and Ukraine.

United Nations Development Programme, *The Partnership Facility - implementing the social summit programme of action*. UNDP 1995. Brochure of 12 pages.

Watson et al, *Remote Sensing —use in agricultural and resource management: A conceptual framework for economic analysis*, Abare Research Report 95.5. GPO Box 1563 Canberra 2601, Australia 1995. Fax: (06) 272 200. ISBN 0-642-22651-2. 80 pp. Free except postage.

A survey of the remote sensing industry indicates that there are many agricultural and natural resource management applications that have been or are being developed. However, there are still relatively few completely operational applications in existence. To bridge the current gap between industry technology providers and end users, "decision makers", better co-ordination at the national and State level is required. This means, for example, ensuring that data sharing and collaboration between agencies occurs and that research effort is not duplicated.

World Bank Publication in Review, The World Bank, 1818H Street, NW Washington D.C., 20433 USA 1995. 48 pp.

West, Galloway and Lyon, *Mines, Stormwater Pollution and You - a citizen's Handbook to stopping water pollution from mines*. Mineral Policy Center, 1612 K Street, NW, Suite 808, Washington DC 20006, USA 1995, 82 pp.

This handbook outlines how storm water runoff at mines results in several long-term water pollution problems, and how citizens can use the EPA storm water regulatory program to stop pollution at these mines. ■