

Book news

● *The Grants register 1979-1981*, edited by Roland Turner. London, MacMillan, 1980. (Available from Geonicia Publications, P.O. Box 31487, Braamfontein 2017 at R31,37; price to libraries R28,33.)

A biennial publication, this is a unique source of up-to-the-minute information on more than a million individual awards available to post-graduates, young professionals, academic staff, and advanced scholars, as well as others who wish to undertake research, creative work, or training of an advanced, though not necessarily academic, nature. An indispensable work of reference whenever and wherever people seek advice and information on obtaining support for their studies or training.

Lists scholarships and fellowships at all levels of graduate study, from national and international sources, tenable at home and abroad.

Among the opportunities listed are research grants, exchanges, vacation study awards, travel grants, project grants, competitions, and special awards — for minority groups, students in financial difficulties, etc.

Fully comprehensive subject index so that readers can quickly and easily locate all awards for which they are eligible.

Summary of publications and addresses providing information on academic facilities throughout the world.

● *Buyer's guide*. Pretoria, South African Bureau of Standards, 1980. (Available free of charge from the Director General, SABS, Private Bag X191, Pretoria 0001.)

This guide, a mine of information to all, is designed to help South Africans to purchase more wisely by drawing their attention to the quality goods that bear the SABS mark.

In a constantly changing world, new techniques, new fibres, new materials, new products, endless variety, and ever-keener competition make discriminating buying a difficult task. By purchasing goods with the SABS mark, however, the buyer knows immediately that he is getting optimum quality for price and performance.

The guide is a well-produced publication, liberally illustrated with colour photographs. All consumer products bearing the SABS mark are listed alphabetically in the index, together with the relevant specification number and page reference. Over 1500 trade names are listed, covering a very wide variety of South African-made commodities.

● SABS specification on gold alloys.

Gold is exported from South Africa to the U.S.A., Great Britain, and Europe, and sold back to South Africa in the form of gold alloys for dental-casting purposes. As local manufacturers produce a wide range of gold-casting alloys of the highest quality, the SABS has published a standard specification to encourage the use of locally produced gold alloys.

● *World coal resources*, by Bernardo F. Grossling. London, Financial Times, 1980. 160 pp. \$U.S.155.

This report consolidates the latest information on the world's coal resources: how much there is, where it is, what sort of coal, how easy to mine. From this basis, the author looks critically at:

- the worldwide pattern of coal supply
- the place of coal in the world economy, and in the national economies of producer and user countries
- the opportunities and challenges offered by coal development for research, exploration, and production
- the impediments to the progress of coal supply, including environmental, policy, economic, logistic, and production constraints
- cost comparisons between coal and other energy sources.

● *Resources policy*, a quarterly journal published in March, June, September, and December. Annual subscription: £40. Obtainable from IPC Business Press (Sales & Distribution) Ltd, Oakfield House, Perry-mount Road, Haywards Heath, Sussex, England RH 16 3DH.

In the past decade resource questions have become increasingly important in both international and national affairs; in the future the criticality of such issues will become more pronounced. Those working in many fields now require balanced appraisals of the constantly shifting political, economic, and geographical environments of resource issues that crucially influence decision making and the formation of long-term policies and strategies.

This international journal covers the many aspects of resource issues that confront statesmen, decision makers, planners and all spheres of industry. Articles aim to provide authoritative analyses of a wide range of contemporary resource questions from a diversity of viewpoints.

Diamond jubilee 1980

The Associated Scientific and Technical Societies was established in 1920 primarily to 'promote the interests of Scientific, Professional and Technical Societies, the advancement of knowledge in Scientific and Technical subjects, and to uphold the professional status of such Societies,' and to 'represent corporately the views of Scientific, Professional and Technical Societies and the members thereof'. In this manner the strength of unity was lent to the organizations whose members were responsible for the continued growth and outstanding achievements that have placed South Africa in the forefront in many areas of scientific achievement.

In recognition of their sixty years of service to science and engineering, The Associated Societies will celebrate its Diamond Jubilee with a comprehensive exhibition featuring scientific and technological progress during this period in the history of the country. In their various fields, member societies will present a picture of the development and exploitation of the country's resources through inventions, research findings, and improvements in mining and industrial techniques.

A full range of audio-visual and exhibition aids and, above all, friendly and informal discussion with experts — a *Conversazione* — will enable guests to become familiar with important developments in the following areas: the cultivation, surveying, and adaptation of the land to human occupation (with resultant moves towards environmental protection), communications, the sources and uses of energy, structural and production techniques, and supportive physical and chemical processes. A large display area will be devoted to developments in different fields of mining. The role of The Associated Scientific and Technical Societies in providing a co-ordinating framework for the growth of member organizations, and participation by The Associated Societies in events that have featured prominently in South Africa's history, will be an important feature of the presentation.

Invitations for the first two evenings will be issued to senior officials in the public and private sector and to representative of member societies. On Thursday and Friday, 10th and 11th July, the exhibition will be open to all AS&TS members, their wives, and colleagues, and members are asked to accept this notice of a warm welcome from 16h00 to 22h00.

It is confidently expected that this Jubilee celebration will illustrate the important role played by AS&TS and its member societies in the achievement of our country's high level of scientific and technological development.

Diamant jubiliem 1980

Die Geassosieerde Wetenskaplike en Tegniese Verenigings is in 1920 op die been gebring, eerstens 'om die belange van Wetenskaplike, Professionele en Tegniese Verenigings en die kennis van Wetenskaplike en Tegniese aangeleenthede te bevorder, en om sulke Verenigings se beroepstatus te handhaaf', en om 'die standpunte van Wetenskaplike, Professionele en Tegniese Verenigings en hulle lede in een liggaam te verteenwoordig'. Op hierdie wyse is daar eendrag aan hierdie organisasie verleen, waarvan lede verantwoordelik was vir die deurlopende groei en uitstaande prestasies wat Suid-Afrika op die voorgrond van menige gebied van wetenskaplike vooruitgang geplaas het.

Die doel van die Diamant Jubiliem is om sestigjaar diens aan die wetenskap en ingenieurswese te vier, deur 'n omvattende uitstalling wat die wetenskaplike en tegnologiese ontwikkeling gedurende hierdie tydperk in die geskiedenis van ons land uitbeeld. Lidverenigings sal op hulle verskeie gebiede 'n beeld weergee van die ontwikkeling en benutting van die land se bronne deur uitvindinge, navorsingsbevindinge en verbeterings in die mynbou en nywerheidswese.

'n Volledige reeks audiovisuele- en uitstallings-toebehore, en veral vriendelike en informele bespreking — 'n *Conversazione* — met deskundiges, sal gaste in staat stel om kennis te neem van die belangrike ontwikkelings op die volgende gebiede: die bewerking, opmeting en aanwending van grond vir bewoning deur die mens (met gevolglike omgewingsbeskermingsmaatreëls), kommunikasie-middele, energiebronne en-gebruike, strukturele- en vervaardigingstegniese en ondersteunende fisiese en chemiese prosesse. 'n Groot gedeelte van die uitstalling sal gewei word aan ontwikkelings op verskillende gebiede van die mynbou. Die rol van Die Geassosieerde Wetenskaplike en Tegniese Verenigings in die verskaffing van 'n gekoördineerde raamwerk aan lidverenigings en deelname aan noemenswaardige gebeurtenisse in die geskiedenis van Suid-Afrika, sal 'n prominente besienswaardigheid gedurende die uitstalling wees.

Uitnodigings sal vir die eerste twee aande gerig word aan senior amptenare in beide die openbare- en privaatsektor en verteenwoordigers van lidverenigings. Die uitstalling sal op Donderdag en Vrydag 10 en 11 Julie vanaf 16h00 tot 22h00 aan alle GW&TV lede, hulle eggenotes en kollegas oopgestel word en lede word versoek om hierdie hartlike uitnodiging te aanvaar.

Daar word vertrou dat die Jubiliemviering daarin sal slaag om die belangrike rol van GW&TV en sy lidverenigings in die bereiking van ons land se hoë vlak van wetenskaplike en tegniese ontwikkeling, sal uitbeeld.