CONTENTS

Preface

SECTION 1: SMALL AND MEDIUM SCALE MINING/ ISSUES MANAGEMENT

Addressing Social Tensions in Mining: A Framework for Greater Community Consultation and Participation
Mamadou Barry

Small-Scale Mining: Time for Deeds Not Words
Norman S. Jennings

Strategies for Development of Small/Medium Scale Mines in Africa
Pierre A. Traoré

An Integrated Participatory Framework for the Exploitation of Mineral Resources in the Context of Sustainable Development — The Case of Namaqualand, South Africa
Olle Östensson

Policies for Artisanal and Small Scale Mining in the Developing World — A Review of the Last Thirty Years
John Hollaway

Gender Issues in Mining — Effects of Retrenchment
Paramita Aich

Legislative Framework in Indian Mineral Sector and Scope for Its Improvement vis-a-vis Small Scale Mining
R.L. Bhatia and S.V. Ali

Cluster-Mining: A Tested Concept for Small Mines
S.L. Chakravorty

SECTION 2: ENVIRONMENTAL PERSPECTIVE

Australian Initiatives for Best Practice Environmental Management in Small Scale Mining in the Asia-Pacific
Peter Hancock and Stewart Needham
Integrated Environmental Management in Small Scale Mining — A Bolivian Experience
Guillermo Cortez

Environmental and Social Considerations during Abandonment of Small Scale Underground Mining Operations: Case Study of a Copper Mine
A. Santha Ram and A.N. Bose

Development of an Algorithm for Integrated Environmental Management Information System for Small Scale Open Cast Mines of Himalayan Region
A.K. Soni and A. Swarup

SECTION 3: TECHNICAL DEVELOPMENTS

Building a Better Sluice Box
Don Stewart

Equipment Selection for Small to Medium Scale Mines
Prabir Paul, G.C. Mishra and D.K. Panda

Identification of Technological Problems in Small Scale Mining in Tanzania; A Move towards Poverty Alleviation
W. Mutagwaba, A. Mlaki and R. Mwaipopo-Ako

Birth of Small and Tiny Beneficiation Plant
Shekhar Chakravarty

Software and Hardware Requirements for Small Scale Mining Sector
A. Santha Ram

SECTION 4: SHARING EXPERIENCE WORLD WIDE

Prospects and Problems: Small-Scale Gold Mining in Papua New Guinea and the Philippines
Don Stewart

Small Scale Mining and the Environment in Zimbabwe: The Case of Alluvial Gold Panning and Chromite Mining
Oliver Maponga

Small and Medium Scale Mining in Indonesia, History and Current Activities — 1996
Antony H. Osman
Marble Mining in Small Scale Sectors in India—Problems, Prospects and Suggestions
A. Bhatnagar and S.K. Mukhopadhyay

Recent Trends of Dimensional Stone Mining in India
K.U.M. Rao and A. Bhatnagar

Artisan Mining of Coal in the Garo Hills, Meghalaya
D.K. Jain and A.K. Sural

SECTION 5: ECONOMIC PERSPECTIVE

Competitive Edge of Minerals from India’s Small Scale Mines in Global Market
C.S. Jha

Economics of Small Scale Resources: A Collective Mining Effort
Suman Banerjee, Sayeri Banerjee, Sajal Dasgupta and S.M. Chatterjee

SECTION 6: MISCELLANEOUS PAPERS

An Insight into Entrepreneur-Employee Relationship in Small-Scale Mining Activities
S.M. Mukhopadhyay and J. Bhattacharya

Modern Education and Training for Small-Medium Scale Mining Mineral Policy Needs
M.B. Katz

Mining Information System (MINIS) and Global Network
Partha Pratim Chaudhuri