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GROWTH AND EQUITY IN AGRICULTURAL DEVELOPMENT

PROCEEDINGS

EIGHTEENTH
INTERNATIONAL CONFERENCE
OF AGRICULTURAL ECONOMISTS

Held at Jakarta, Indonesia
24th AUGUST – 2nd SEPTEMBER 1982

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INTERNATIONAL ASSOCIATION OF AGRICULTURAL
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CONTENTS

Preface	xi
<i>Theodor J. Dams</i>	
Introduction	xiii
<i>Allen Maunder and Kazushi Ohkawa</i>	
List of Abbreviations	xiv

OFFICIAL OPENING

Address by the President of the Republic of Indonesia	3
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OPENING SESSION

Elmhirst Memorial Lecture: Agricultural economists and world conservation strategy	9
<i>Keith O. Campbell</i>	
Presidential Address: Challenges for agricultural economists in the eighties	20
<i>Theodor J. Dams</i>	

SECTION I – THE OVERALL PROBLEM

Growth and equity in development: an overview	31
<i>Gustav Ranis</i>	
Discussion	47
Growth and equity in Asian agriculture: a synoptic view	52
<i>V. S. Vyas</i>	
Discussion	59
Stagnation and inequality in African agriculture	63
<i>Dharam Ghai</i>	
Discussion	76

Growth and equity – experience in developed countries with a market economic system	79
<i>C. L. J. van der Meer</i>	
Discussion	93
Economic development and social justice – experience of developed countries within the socialist system	97
<i>Victor Nazarenko</i>	
Discussion	103

SECTION II – CONCEPTS AND METHODOLOGY – ANALYTICAL ASPECTS

Growth and equity – is there a trade-off?	109
<i>Yujiro Hayami</i>	
Discussion	116
Modelling equity and efficiency in agricultural production systems	120
<i>R. E. Just, G. C. Rausser and D. Zilberman</i>	
Discussion	135
Issues in the measurement and analysis of income distribution in developing countries: some comparative perspectives	139
<i>Surjit S. Bhalla and Mark Leiserson</i>	
Discussion	151
Measurement of poverty and equity: some ASEAN social indicators experience	153
<i>Mahar Mangahas</i>	
Discussion	162
An economic model of rural-agricultural sectors	166
<i>Frederic O. Sargent</i>	
Discussion	177
Infrastructure and agricultural productivity: theory, evidence and implications for growth and equity in agricultural development	181
<i>John M. Antle</i>	
Discussion	190

SECTION III – STRUCTURE AND PATTERNS OF AGRICULTURAL GROWTH

World agricultural growth – short-and long-term aspects, past and future – an overview	197
<i>Nurul Islam</i>	
Discussion	212
Agricultural growth – structures and patterns	216
<i>John W. Mellor</i>	
Discussion	226
Institutional and organisational framework for egalitarian agricul- tural growth	229
<i>A. R. Khan</i>	
Discussion	237
Technological change and income distribution: the case of a semi- open less-developed economy	241
<i>Fernando Homem de Melo</i>	
Discussion	252
Natural resource problems in agricultural development	255
<i>Daniel W. Bromley and B. N. Verma</i>	
Discussion	264
Demand for and supply of basic food products in the ASEAN countries	267
<i>Dibyo Prabowo</i>	
Discussion	276
Improving small farm production systems in Central America	278
<i>M. Avila, L. A. Navarro and J. Lagemann</i>	
Discussion	290
Operation of market mechanisms in accelerating agricultural growth	293
<i>M. Hawkins, S. Leavitt and R. Norby</i>	
Discussion	303

Marketing policy in relation to agricultural development	306
<i>A. S. Watson</i>	
Discussion	314

SECTION IV – EQUITY FOR RURAL PEOPLE

Postwar trends in income distribution and dispersion in profitability among different farm groups	321
<i>Nils Westermarck</i>	
Discussion	330
Intersectoral inequalities between agriculture and non-agriculture: implications of the Japanese experience	333
<i>Saburo Yamada</i>	
Discussion	343
Income disparities among groups of farmers: with special reference to Brazil	349
<i>Yoshihiko Sugai and A. R. Texeira</i>	
Discussion	357
Agricultural resource activation and the problem of rural poverty in Nigeria	359
<i>Eno J. Usoro</i>	
Discussion	364
Changing rural employment patterns: role of off-farm employment for balanced rural development	369
<i>Ryohei Kada</i>	
The landless poor in South Asia	379
<i>Inderjit Singh</i>	
Discussion	400

SECTION V – STRATEGIES AND POLICIES IN AGRICULTURAL AND RURAL DEVELOPMENT

Rural development programmes: a critical review of past experience	405
<i>Bruce F. Johnston and William C. Clark</i>	

Discussion	415
Rural development planning and implementation	417
<i>A.T. Birowo</i>	
Discussion	426
Efficiency, equity and agricultural change with special reference to land tenure in western Europe	429
<i>G. H. Peters and A. H. Maunder</i>	
Discussion	439
Regional income inequality in Mexican agriculture and govern- ment policy	443
<i>Saúl Trejo Reyes</i>	
Discussion	453
The rural public works programme and income distribution in rural Thailand	456
<i>Medhi Krongkaew</i>	
Discussion	467
Technological change and income distribution in the agriculture of developing countries: some issues and strategies	470
<i>John H. Sanders and John K. Lynam</i>	
Discussion	479
Limits and potential of growth in agriculture in the CMEA member countries – a quantitative approach	480
<i>Csaba Csaki</i>	
Discussion	498
SECTION VI – INTERNATIONAL ASPECTS OF AGRICULTURAL DEVELOPMENT	
Domestic or regional price-income policies for farmers in relation to international trade	503
<i>H. E. Buchholz</i>	
Discussion	516
International transfer of agricultural technology	519
<i>J. S. Hillman and E. A. Monke</i>	
Discussion	529

Domestic price-income policies for farmers in relation to international trade policies: exporting country	531
<i>John W. Longworth</i>	
Discussion	542
EEC price-income policies and their effects on North-South relations in European agriculture.	545
<i>A.C. de Labão and F.B. Soares</i>	
Discussion	555
Government-controlled food grain markets, external trade in food grains and agricultural development: the case of four countries in East Africa	560
<i>Christopher D. Gerrard</i>	
Discussion	571
Analysis of national and international agricultural policies for sustainable growth and equity and stability in an international setting	574
<i>Kirit S. Parikh</i>	
Discussion	587
SYNOPTIC VIEW	
<i>Glenn L. Johnson</i>	592
Index	609

PREFACE

This collection of the main papers and reports presented at the Eighteenth International Conference of Agricultural Economists represents the beginning of the second half century of the International Association of Agricultural Economists. The Eighteenth Conference of the IAAE was held from August 24 to September 2, 1982 at Jakarta, Indonesia.

The contributed papers presented also at this conference, which were selected by an international jury, will be published in the *Occasional Papers* series of the IAAE.

The Association gratefully acknowledges the welcome-reception at the State Palace of all participating IAAE members by His Excellency President Soeharto: and the continuous support for the Conference by the Governor of Jakarta, Mr. Tjokropranolo, and by the Minister of Agriculture, Professor Soedarsono Hadisapoetro. The IAAE wishes to express its appreciation for the assistance of the Government of Indonesia in ensuring the success of the 18th Conference.

The Association owes sincere gratitude to Dr. A.T. Birowo, Chairman of the Indonesian National Committee of the IAAE, who was responsible for the local organization of the Conference. This tribute also includes all members of the National Organizing Committee as well as the organizing staff headed by Mr. Husin Anang.

The Jakarta Conference programme was prepared by Professor Kazushi Ohkawa of Tokyo, Japan. He selected and grouped the papers around the main topic "Growth and Equity in Agricultural Development" with great academic care and a strong personal commitment. Vice President Programme Ohkawa succeeded in designing a unique conference programme which proved to be an academic and personal challenge to all participants.

Since its inauguration in 1976, the Leonard Elmhirst Memorial Lecture has become an integral part of the IAAE tradition. At Jakarta, Elmhirst Lecturer Keith O. Campbell addressed the Conference with an outstanding paper on "Agricultural Economists and World Conservation Strategy". In a time where there seems to exist a trade-off between economy and ecology, Professor Campbell's guiding remarks proved to be of immense theoretical and practical value.

The International Association of Agricultural Economists is grateful to its Editor, Mr. Allen Maunders of the Institute of Agricultural Economics, Oxford University, for the immense amount of work which he devoted in preparing this volume, and, last but not least, to Mrs. Pearl Maunders for the support she gave.

THEODOR DAMS
*President,
International Association of
Agricultural Economists*

INTRODUCTION

This “proceedings” volume contains the major portion of the formal papers and discussion at the Eighteenth International Conference of Agricultural Economists held at Jakarta, Indonesia, from August 24th to September 2nd, 1982. These were the invited papers delivered at the plenary and special sessions of the conference.

The theme of the conference, *Growth & Equity in Agricultural Development*, is not a new topic for discussion by the IAAE but this is the first time it has been adopted as the theme and examined in a comprehensive manner. The problem – “who benefits from economic development” – is one of the most challenging for economists today and is both complex and profound. Section I examines the problem in general and from different view points. Section II is concerned with conceptual and methodological problems. Sections III and IV concentrate, respectively, on either growth or equity but in the context of the other. Section V looks at the theme from an action-orientated stance and is concerned with policy approaches to the problems already presented. Finally, in Section VI are discussed the international aspects of the topic and their bearing on problems of growth and equity at national or regional levels.

The editors wish to express their thanks to the authors, openers and rapporteurs of the various papers, particularly those who turned in their contributions on time and of the correct length, and to the editorial staff without whose unstinting help this volume could not have been prepared.

The contributed papers presented at the conference, together with summaries of discussion, will appear as *IAAE Occasional Papers III*. The reports of the meetings of Discussion Groups will appear in an *IAAE Members Bulletin*. The views expressed in this book are not necessarily those of the IAAE nor those of the institutions with which the various authors are connected.

ALLEN MAUNDER
*Editor, International Association
of Agricultural Economists*

KAZUSHI OHKAWA
Vice-President-Programme

ABBREVIATIONS

ASEAN	Association of South East Asian Nations
CATIE	Tropical Agriculture Research and Training Centre
CEPE	Comisión Económica para Europa
CIMMYT	International Maize and Wheat Improvement Centre
CMEA	Council for Mutual Economic Assistance
ECLA	Economic Commission for Latin America
EEC	European Economic Community
FAO	Food and Agriculture Organization
FAP	Food and Agriculture Program
HYV	high yielding variety
IAAE	International Association of Agricultural Economists
IBRD	International Bank for Reconstruction and Development (World Bank)
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
IFPRI	International Food Policy Research Institute
IIASA	International Institute for Applied Systems Analysis
ILO	International Labour Organization
IMF	International Monetary Fund
IRRI	International Rice Research Institute
IUCN	International Union for Conserv. & Nat. Res.
LDC	less developed country
MEG	modern economic growth
MV	modern varieties (of crops)
N/C	newly industrializing country
NGO	non government organization
OPEC	Organization of the Petroleum Exporting Countries
UNEP	UN Environmental Programme
USDA	United States Department of Agriculture
WCARRD	World Conference on Agrarian Reform and Rural Development
WWF	World Wildlife Fund

OFFICIAL OPENING

OFFICIAL OPENING
The State Palace, Jakarta



From left to right:

Professor S. Hadispoetro, Minister of Agriculture, Republic of Indonesia

Professor T. Dams, President, International Association of Agricultural Economists

H.E. Soeharto, President of the Republic of Indonesia