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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 ECONOMISTS
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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 Maunder 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 Maunder 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

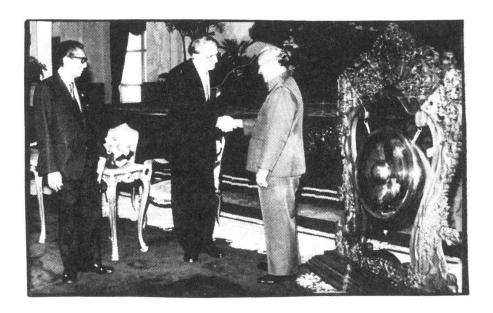
USDA United States Department of Agriculture

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