In 1985, rain came to the Sahel and provided partial relief from its latest drought. For the moment, hunger in West Africa is largely forgotten. However, many questions remain unanswered regarding why this area remains so poor and so vulnerable after nearly a decade of development assistance.

In June 1985, the Technology Assessment Board approved the requests of three congressional committees and five Board members that OTA address some of these questions as part of our study of low-resource agriculture in Africa. Although OTA’s full study will not be completed until late 1987, we agreed to provide an earlier report focused on development in the Sahel. This special report examines the record of assistance to nine nations of the Sahel in West Africa, explores the lessons learned in a decade of efforts, and suggests policy implications for more effective U.S. assistance there and elsewhere in Africa. The report emphasizes the technical and institutional factors that constrain development in one of the poorest regions in the world. The committees that requested the study are: the House Select Committee on Hunger, the House Science and Technology Committee (the Subcommittee on Natural Resources, Agriculture Research, and Environment), and the House Agriculture Committee. Of OTA’s Technology Assessment Board, Senators Hatch, Kennedy, and Pen and Representatives Evans and Udall requested this study. Also, the House Foreign Affairs Committee supported this work.

This report draws on the expertise of a large number of people. In particular, we appreciate the assistance provided by approximately 100 Sahelian scientists, decisionmakers, and farmers and herders with whom we spoke. Also, we are grateful to workshop participants, the advisory panel, and additional reviewers who helped us determine the scope of the work and reviewed it to ensure its accuracy. Of course, OTA remains responsible for the analysis and the report does not necessarily represent the views of individual members of the advisory panel.
Low-Resource Agriculture in Africa Advisory Panel

Mary Anderson, Chair
Consultant in International Economic Development
Bridges Project, Harvard University, Cambridge, MA

Eugene Adams
Vice Provost for International Programs
Tuskegee University
Tuskegee, AL

Haidari Amani
Senior Lecturer
University of Dar es Salaam
Dar es Salaam, Tanzania

Leonard Berry
Provost and Vice President for Academic Affairs
Clark University
Worcester, MA

David Brokensha
Director
University of California Study Center for the United Kingdom and Ireland
London, United Kingdom

Cornelia Flora
Professor
Department of Sociology, Anthropology and Social Work
Kansas State University
Manhattan, KS

Jake Halliday
Director
Battelle-Kettering Laboratory
Yellow Springs, OH

The Reverend Thomas Hayden*
Director Social Concerns Department
Society for African Missions
Washington, DC

Michael Horowitz
President and Director
Institute for Development Anthropology
Binghamton, NY

Goran Hyden
Professor
Department of Government
Dartmouth College
Hanover, NH

Joseph Kennedy
Director of International Development
Africare
Washington, DC

David Leonard
Associate Professor
Department of Political Science
University of California
Berkeley, CA

Shem Migot-Adholla
Associate Research Professor
Institute of Development Studies
University of Nairobi
Nairobi, Kenya

Elliot Morss**
Acting Director
Center for Asian Development Studies
Boston University
Boston, MA

Bede Okigbo
Deputy Director General
International Institute of Tropical Agriculture
Ibadan, Nigeria

Robert Rodale
Chairman of the Board
Rodale Press, Inc.
Emmaus, PA

John Scheuring
Team Leader
International Crops Research Institute for the Semi-Arid Tropics
Bamako, Mali

*Resigned as of June 24, 1986.

**Resigned as of April 24, 1986.
Anita Spring  
Associate Dean  
College of Liberal Arts  
University of Florida  
Gainesville, FL

Aart van Wingerden  
President  
Double Harvest, Inc.  
Fletcher, NC

Garth Youngberg  
Executive Director  
Institute for Alternative Agriculture  
Greenbelt, MD

Executive Branch Liaisons

Cheryl Christensen  
Branch Chief for Africa-Middle East Economic Research Service  
U.S. Department of Agriculture  
Washington, DC

Howard L. Hill  
Assistant Director for Inter-Governmental Climate Programs  
National Climate Program  
U.S. National Oceanic and Atmospheric Administration  
Rockville, MD

Marcus Winter  
Chief of Agriculture and Rural Development Division  
Africa Bureau  
U.S. Agency for International Development  
Washington, DC

John Zarafonetis  
Coordinator of African Food Systems Initiative  
U.S. Peace Corps  
Washington, DC
Low-Resource Agriculture in Africa
OTA Project Staff

Roger C. Herdman, Assistant Director, OTA
Health and Life Sciences Division

Walter E. Parham, Food and Renewable Resources Program Manager

Phyllis N. Windle, Project Director

Analytical Staff for the Special Report
George Scharffenberger, Contractor
Kathy Desmond, Contractor
Allen Ruby, Research Analyst
Chris Elfring, Editor

Additional Analytical Staff
Bruce J. Horwith, Analyst
J. Kathy Parker, Analyst

Administrative Staff
Beckie Erickson, Administrative Assistant
Nellie Hammond, Secretary
Carolyn Swann, Secretary