

RECOVERY, CHANGE AND DEVELOPMENT:
A LONGITUDINAL STUDY OF THE 1976 GUATEMALAN EARTHQUAKE

FINAL REPORT
VOLUME 1



GUATEMALAN EARTHQUAKE STUDY
UNIVERSITY OF GEORGIA
SEPTEMBER 1982

RECOVERY, CHANGE AND DEVELOPMENT:
A LONGITUDINAL STUDY OF THE 1976 GUATEMALAN EARTHQUAKE

EDITED BY
FREDERICK L. BATES

Final Report, Guatemalan Earthquake Study. This research was supported by a grant from the National Science Foundation. The authors, and not the Foundation, are fully responsible for the contents of this report.

FOREWORD

The research upon which this volume is based was supported by a grant from the National Science Foundation and supplemented by a contract with the Agency for International Development for special research on food programs. The grant was made in June, 1977, for a three year period and was later extended through November of 1982.

The National Science Foundation grant was made to the University of Georgia where the Principal Investigator, Dr. Frederick L. Bates, is employed as a Professor of Sociology. Sub-contracts were signed between The University of Georgia and The Pan American Health Organization, the parent organization for The Instituto de Nutricion de Centro America y Panama, Guatemala City, Guatemala and The University of Colorado Health Sciences Center, Denver, Colorado, where the two Co-Principal Investigators were employed. Similar arrangements pertain to the contract with the Agency for International Development - Food for Peace.

Field work for the research was carried on through cooperation with INCAP and under the direction of its personnel, with the Principal Investigator and Co-principal Investigators being responsible for much of the data collection effort. Dr. W. Timothy Farrell, Co-principal Investigator, who was Coordinator, Program in Rural Development, Division of Human Development, INCAP, was in direct charge of the field work operation during the data collection phase. He was assisted in the City by Dr. JoAnn K. Glittenberg, Professor of Anthropology in the School of Nursing at the University of Colorado Health Sciences Center, Denver, Colorado, who was particularly responsible for dealing with the data collection in the urban

settlements. Mr. Thomas E. Edwards served as Field Supervisor of the interview team which consisted of the following individuals:

Nicolasa Cuc Cuxulic
Maritza Del Aguila Gómez
Sheila Góngora Román
Ivonne Martínex Telón
Abelina Mendoza Moctezuma
Rosa Pérez Vides
Mercedes Ramírez Peralta
Nora Sánchez Santizo
Violeta Gálvez García
Mauricio Segura

Towards the end of the field work period Dr. W. Timothy Farrell left INCAP to become Director of the Foster Parents Plan International in Colombia and was replaced as Co-principal Investigator by Dr. Robert E. Klein, Chief of the Division of Human Development, INCAP, Guatemala City, Guatemala.

From the beginning of the project, Mr. Charles D. Killian managed the computer analysis of the data and, after the first year, was joined by Mr. Walter G. Peacock who served as a research assistant for the remainder of the project. During the last two years of the work, Mr. Daniel G. Rodeheaver, who had served as a Peace Corps volunteer in Guatemala during the two previous years, joined the staff of the project and concentrated on the analysis of food data. For approximately a year Dr. Glittenberg was assisted in research in the City in gathering data from the Guatemalan government by Mrs. Maria del Carmen de Stewart. During the course of this

research, Drs. John C. Belcher and Elwood M. Beck of the University of Georgia gave valuable advice, and assisted in the interpretation of data.

Special thanks are due to Dr. Luis A. Ferraté of the Interamerican Development Bank, Washington, D. C. (formerly a member of the National Committee for Reconstruction in Guatemala) who assisted in the writing of the final manuscript and also served as a critic and editor. Throughout the course of the research, the Project Advisory Committee offered valuable advice and suggestions and assisted in solving the many methodological and theoretical problems faced in the research. Particularly, thanks go to Mr. Leon O. Marion who helped the Principal Investigators stay in close contact with the voluntary agency community. The members of the Advisory Committee were:

Dr. Brian J. L. Berry
Dean, School of Urban and
Public Affairs
Carnegie-Mellon University
Pittsburgh, Pennsylvania 15213

Mr. Gabino Carrillo
American National Red Cross
18th and E. Streets, N. W.
Washington, D. C. 20006

Mr. Alex R. Cunningham
Office of Emergency Services
P.O. Box 9577
Sacramento, California 95828

Dr. Paul L. Doughty
Department of Anthropology
University of Florida
Gainesville, Florida 32611

Dr. Mary L. Elmendorf
Consultant to the World Bank
1514 - 17th Street, N.W.
Washington, D. C. 20036

Dr. William S. Hoffnagle
Deputy Director for Technical
Assistance for the Foreign De-
velopment Div.
Economic Research Service
U.S. Department of Agriculture
1735 N. Lynn Street
Arlington, Virginia 22209

Dr. William P. McGreevey
Program Dir., Battelle Institute
2030 M. Street, N.W.
Washington, D. C. 20036

Mr. Charles S. Manfred
(formerly) Dir., Office of
Emergency Services
State Government of California
Sacramento, California

Mr. Leon O. Marion, Exec. Dir.
American Council of Voluntary
Agencies for Foreign Service, Inc.
200 Park Avenue, S.
New York, New York 10003

Mrs. Anne Martindell
(formerly) Director
Office of U.S. Foreign Disaster Asst.
A.I.D.
Department of State
Washington, D. C. 20523

Mr. Joseph A. Mitchell, Dir.
Office of U.S. Foreign Disaster Asst.
A.I.D.
Department of State
Washington, D. C. 20523

Dr. Donald R. Nichols, Chief
Engineering Geology Branch
U.S. Dept. of Interior Geological
Survey
Box 25046 M.S. 903
Denver Federal Center
Denver, Colorado 80225

Dr. Sonia Rosenbaum
(formerly) Social & Demographic
Research Institute
W. 34 Machmer Hall
University of Massachusetts
Amherst, Massachusetts 01002

Dr. Ralph H. Turner
Department of Sociology
Univ. of California, Los Angeles
Los Angeles, California 90024

Dr. Walter M. Vannette
Box 15200
University of Northern Arizona
Flagstaff, Arizona 86011

The Principal Investigators are also indebted to the individuals who served as Program Directors for the project for the National Science Foundation and Food for Peace. Much good advice and practical assistance was given by these people. They were Dr. George W. Baker, Dr. James D. Cowhig, Dr. William A. Anderson and Ms. Carolyn Weiskirch.

This monograph will appear in two volumes. The first to which this foreword is appended, deals with the general theoretical and methodological background of the research, summarizes the Guatemalan government's response and analyzes food programs. The second volume covers housing and general economic changes as well as cultural differences in recovery and provides the final summary and conclusions for the research.

This research would not have been possible without the dedicated efforts of the field workers and research assistants mentioned above and especially without the extraordinary contributions of Hettie Bates who served as project secretary and "psychiatric" counselor for the staff throughout the five-year period covered by this research.

ABBREVIATIONS AND ACRONYMS USED IN THE TEXT

Initials in the Text	Name and Initials in Spanish	Name in English (Translation)
AID	Agencia para el Desarrollo Internacional - ADI	Agency for International Development
BANDESA	Banco Nacional de Desarrollo Agrícola - BANDESA	National Bank for Agri- cultural Development
BANVI	Banco Nacional de la Vivienda - BANVI	National Housing Bank
CARE	Cooperativa Americana de Remesas al Exterior - CARE	Cooperative for American Relief Everywhere, Inc.
CRS	Servicios Católicos de Ayuda - CARITAS	Catholic Relief Services
COGUANOR	Comisión Guatemalteca de Normas- COGUANOR	Guatemalan Standards Commission
CONASUPO	Compañía Nacional de Sub- sistencias Populares - CONASUPO	National Company for Basic Necessities
CORFINA	Corporación Financiera Nacional- CORFINA	National Financing Corpora- tion
EPS	Ejercicio Profesional Supervis- ado - EPS	Supervised Technical Uni- versity Exercise
FEER	Fondo Extraordinario Específico de Reconstrucción - FEER	Specific and Extraordinary Fund for Reconstruction
FHA	Instituto de Fomento de Hipotecas Aseguradas - FHA	Institute for the Promotion of Insured Mortgages
GG	Gobierno de Guatemala	Guatemalan Government
GSNCEP	Secretaría General del Consejo Nacional de Planificación Económica - SGCNPE	General Secretariat of the National Council for Economic Planning
GISS	Instituto Guatemalteco de Seguridad Social - IGSS	Guatemalan Institute for Social Security
GUATEL	Empresa Guatemalteca de Comunicaciones - GUATEL	Guatemalan Enterprise for Communications

<u>Initials in the Text</u>	<u>Name and Initials in Spanish</u>	<u>Name in English (Translation)</u>
ICAITI	Instituto Centroamericano de Investigación y Tecnología Industrial - ICAITI	Central American Institute for Research and Industrial Technology
INDECA	Instituto Nacional de Commercial- ización Agrícola - INDECA	National Institute for Agricultural Commerciali- zation
INFOM	Instituto de Fomento Municipal- INFOM	Institute for Municipal Development
INTECAP	Instituto Técnico de Capacitación - INTECAP	Technical Training Institute
INSIVUMEH	Instituto de Sismología, Volcanología, Meteorología y Hidrología - INSIVUMEH	Institute of Seismology, Volcanology, Meteorology and Hydrology
NEC	Comité Nacional de Emergencia - CEN	National Emergency Committee
NGOs	Organizaciones No Gubernamentales - ONGs	Non-Government Organizations
NICU	Unidad de Cooperación Nacional y Internacional - UCNI	National and International Cooperation Unit
NIE	Instituto Nacional de Electri- ficación - INDE	National Institute for Electricity
NIF	Instituto Nacional Forestal - NIF	National Institute of Forestry
NIG	Instituto Geográfico Nacional - IGN	National Institute of Geography
NRC	Comité de Reconstrucción Nacional - CRN	National Reconstruction Committee
OAS	Organización de Estados Americanos - OEA	Organization of American States
OXFAM	Comité de Oxford para Auxilio de Hambre	Oxford Committee for Famine Relief
PPIU	Unidad de Información, Programación y Planificación - UIPP	Planning, Programming and Information Unit
PRU	Unidad de Reconstrucción Física - URF	Physical Reconstruction Unit

<u>Initials in the Text</u>	<u>Name and Initials in Spanish</u>	<u>Name in English (Translation)</u>
SPU	Unidad de Promoción Social - UPS	Social Promotion Unit
UNEPAR	Unidad Ejecutora y Planificadora de Acueductos Rurales - UNEPAR	Planning and Executive Unit for Rural Aquaducts
URPAC	Unidad de Rescate del Patrimonio Cultural - URPAC	Cultural Heritage Rescue Unit
USAC	Universidad de San Carlos	University of San Carlos

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SURVEY SITES FOR GUATEMALAN EARTHQUAKE STUDY

- 1-Cutiada
- 2-Barberena
- 3-Junquillo
- 4-Espiritu Santo
- 5-Sanarate
- 6-El Progreso
- 7-San Juan
- 8-Conacaste
- 9-Santo Domingo
- 10-Chimaltenango
- 11-Zaragoza
- 12-Patzun
- 13-San Martin Jilotepeque
- 14-Las Lomas
- 15-Pacoc
- 16-Santa Maria Cauque
- 17-San Marcos de Puerto Rico
- 18-San Marcos La Laguna
- 19-Old Chinautla
- 20-Solola
- 21-San Lucas Toliman
- 22-Cerro de Oro
- 23-Guatemala City

