CONTENTS

Papers	ъ.
STABILITY ANALYSIS OF EMBANKMENTS	Page
by John Lowe, III	1
WACO DAM SLIDE by Ralph R. W. Beene	35
STABILITY OF SLOPING CORE EARTH DAMS by Hassan A. Sultan and H. Bolton Seed	45
STABILITY ANALYSES FOR A SLOPING CORE EMBANKMENT by H. Bolton Seed and Hassan A. Sultan	69
ELECTRO-OSMOTIC STABILIZATION OF WEST BRANCH DAM by Claude A. Fetzer	85
SLIDE IN THE SIBURUA DAM	0.0
by L. Anthony Wolfskill and T. William Lambe	107
INVESTIGATION OF EMBANKMENT PERFORMANCE by Stanley D. Wilson	135
STABILITY OF ATCHAFALAYA LEVEES	
by Robert I. Kaufman and Frank J. Weaver	157
WILLARD DAM-BEHAVIOR OF A COMPRESSIBLE FOUNDATION by Fred C. Walker	177
ZUMPANGO TEST EMBANKMENT by Ignacio Sainz Ortiz	199
BEHAVIOR OF NETZAHUALCOYOTL DAM DURING CONSTRUCTION	
by Jorge Gamboa and Aurelio Benassini	211
(over)	

This Journal is published bi-monthly by the American Society of Civil Engineers. Publications office is at 2500 South State Street, Ann Arbor, Michigan, 48104. Editorial and General Offices are at 345 East 47th Street, New York, N. Y. 10017. Subscription price is \$8.00 per year with discounts to members and libraries. Second-class postage paid at Ann Arbor, Michigan. EM, HY, SA, SM, ST.

	Page
EVALUATION OF COUGAR DAM EMBANKMENT PERFORMANCE by Robert J. Pope	231
POST-CONSTRUCTION BEHAVIOR OF ROUND BUTTE DAM by James G. Patrick	251
PERFORMANCE OF EL INFIERNILLO DAM by Raul J. Marsal and Lius Ramírez de Arellano	265
SLOPE STABILITY DURING EARTHQUAKES by H. Bolton Seed	299
THE TURNAGAIN HEIGHTS LANDSLIDE, ANCHORAGE, ALASKA by H. Bolton Seed and Stanley D. Wilson	325
DYNAMIC SOIL STRENGTH AND SLOPE STABILITY by Willard Ellis and V. B. Hartman	355
EARTHQUAKE CONSIDERATIONS IN EARTH DAM DESIGN by James L. Sherard	377
STABILITY OF NATURAL SLOPES by Ralph B. Peck	403
STABILITY OF NATURAL SLOPES IN SENSITIVE CLAI	
LOCAL GEOLOGY AND THE STABILITY OF NATURAL SLOPES by David J. Henkel	437
BEHAVIOR OF A COLLUVIAL SLOPE by E. D'Appolonia, R. Alperstein, and D. J. D'Appolonia	
USE OF COMPUTERS FOR SLOPE STABILITY ANALYSIS by Robert V. Whitman and William A. Bailey	
SPECIAL PROBLEMS IN SLOPE STABILITY by Willard J. Turnbull and Mikael J. Hvorslev	
ANALYSIS OF EMBANKMENT STRESSES AND DEFORMATIONS by Ray W. Clough and Richard J. Woodward, III	
EARTH MOVEMENT AT BALDWIN HILLS RESERVOIR by Robert B. Jansen, Gordon W. Dukleth, Bernard B. Gordon, Laurence B. James, and Clyde E. Shields	. 551
STABILITY PROBLEMS OF COLLAPSING SOIL by Harold J. Gibbs and John P. Bara	. 577
BUTTRESS DESIGN EARTHQUAKE-INDUCED SLIDES by Erwin Long and Warren George	. 595
TURNAGAIN SLIDE STABILIZATION, ANCHORAGE, ALASKA by Erwin Long and Warren George	. 611
SUMMARY: CONFERENCE ON STABILITY AND PERFORMANCE OF SLOPES AND EMBANKMENTS	
by Richard J. Woodward	. 629