RAINFALL SIMULATION RUNOFF AND SOIL EROSION

CATENA SUPPLEMENT 4



CONTENTS

G.F. EPEMA & H.Th. RIEZEBOS FALL VELOCITY OF WATERDROPS AT DIFFERENT HEIGHTS AS A FACTOR INFLUENCING EROSIVITY OF SIMULATED RAIN	1
J. MOEYERSONS MEASUREMENTS OF SPLASH-SALTATION FLUXES UNDER OBLIQUE RAIN	19
RAIN	19
R.B. BRYAN & J. DE PLOEY	
COMPARABILITY OF SOIL EROSION MEASUREMENTS WITH DIFFERENT LABORATORY RAINFALL SIMULATORS	33
M. BONELL, D.A. GILMOUR & D.S. CASSELLS	
A PRELIMINARY SURVEY OF THE HYDRAULIC PROPERTIES OF	
RAINFOREST SOILS IN TROPICAL NORTH-EAST QUEENSLAND	
AND THEIR IMPLICATIONS FOR THE RUNOFF PROCESS	57
A.C. IMESON	
STUDIES OF EROSION THRESHOLDS IN SEMI-ARID AREAS:	
FIELD MEASUREMENTS OF SOIL LOSS AND INFILTRATION IN	
NORTHERN MOROCCO	79
J.B. THORNES & A. GILMAN	
POTENTIAL AND ACTUAL EROSION AROUND ARCHAEOLOGICAL	
SITES IN SOUTH EAST SPAIN	91
D. TROPEANO	
SOIL EROSION ON VINEYARDS IN THE TERTIARY PIEDMONTESE BASI	N
(NORTHWESTERN ITALY): STUDIES ON EXPERIMENTAL AREAS	115
Th.W.I. VAN ASCH	
WATER EROSION ON SLOPES IN SOME LAND UNITS IN A	
MEDITERRANEAN AREA	129
P. VAN DER LINDEN	
SOIL EROSION IN CENTRAL-JAVA (INDONESIA).	
A COMPARATIVE STUDY OF EROSION RATES OBTAINED BY	
EROSION PLOTS AND CATCHMENT DISCHARGES	141
W.E.H. CULLING	
SLOW PARTICULARATE FLOW IN CONDENSED MEDIA AS AN	
ESCAPE MECHANISM: MEAN TRANSLATION DISTANCE	161
W.E.H. CULLING	
RATE PROCESS THEORY OF GEOMORPHIC SOIL CREEP	191