GEOMORPHIC PROCESSES

In Environments With Strong Seasonal Contrasts

Vol. II: GEOMORPHIC SYSTEMS

Selected papers of the "Regional Conference on Mediterranean Countries", IGU Commission on Measurement, Theory and Application in Geomorphology, Barcelona-Valencia-Murcia-Granada, September 5-14, 1986

CATENA SUPPLEMENT 13



CATENA - A cooperating Journal of the International Society of Soil Science



CONTENTS

Pref	Commence.
Pre	SICE

M.A. Romero-Díaz, F. López-Bermúdez, J.B. Thornes, C.F. Francis & G.C. Fisher Variability of Overland Flow Erosion Rates in a Semi-arid Mediterranean Environment under Matorral Cover, Murcia, Spain	1
R.B. Bryan, I.A. Campbell & R.A. Sutherland Fluvial Geomorphic Processes in Semi-arid Ephemeral Catchments in Kenya and Canada	13
N. Clotet-Perarnau, F. Gallart & C. Balasch Medium-term Erosion Rates in a Small Scarcely Vegetated Catchment in the Pyrenees	37
M. Gutiérrez, G. Benito & J. Rodríguez Piping in Badland Areas of the Middle Ebro Basin, Spain	49
H. Suwa & S. Okuda Seasonal Variation of Erosional Processes in the Kamikamihori Valley of Mt. Yakedake, Northern Japan Alps	61
F. Gallart & N. Clotet-Perarnau Some Aspects of the Geomorphic Processes Triggered by an Extreme Rainfall Event: The November 1982 Flood in the Eastern Pyrenees	79
P. Ergenzinger Regional Erosion: Rates and Scale Problems in the Buonamico Basin, Calabria	97
M. Sorriso-Valvo Landslide-related Fans in Calabria	109
A.M. Harvey Controls of Alluvial Fan Development: The Alluvial Fans of the Sierra de Carrascoy,	102
Murcia, Spain C. Sancho, M. Gutiérrez, J.L. Peña & F. Burillo	123
A Quantitative Approach to Scarp Retreat Starting from Triangular Slope Facets, Central Ebro Basin, Spain	139
A.J. Conacher The Geomorphic Significance of Process Measurements in an Ancient Landscape	147