Contents

CALCATERA, D. & PARISE, M. Weathering as a predisposing factor to slope movements: an introduction 1

Analysis of weathering processes, and their influence in predisposing instability

OLLIER, C. D. Very deep weathering and related landslides 5

PICARELLI, L. & DI MAIO, C. Deterioration processes of hard clays and clay shales 15

MIGOÑ, P. Mass movement and landscape evolution in weathered granite and gneiss terrains 33

ALÓNSO, E. E., PINEDA, J. A. & CARDOSO, R. Degradation of marls; two case studies from the Iberian Peninsula 47

HENCHER, S. R. & LEE, S. G. Landslide mechanisms in Hong Kong 77

Weathering-related slope movements in crystalline and volcanic rocks

CALCATERA, D. & PARISE, M. Weathering in the crystalline rocks of Calabria, Italy, and relationships to landslides 105

DELMONACÓ, G., MARGOTTINI, C. & SPIZZICHINO, D. Weathering processes, structural degradation and slope–structure stability of rock-hewn churches of Lalibela (Ethiopia) 131


LACERDA, W. A. Shear strength of soils derived from the weathering of granite and gneiss in Brazil 167

Weathering-related slope movements in sedimentary formations

PÁNEK, T., HRADECKÝ, J., MINÁR, J. & ŠILHÁN, K. Recurrent landslides predisposed by fault-induced weathering of flysch in the Western Carpathians 183

YAMAKOSHI, T., MATHYS, N. & KLOTZ, S. Visual observation of erosion processes on the Black Marl badlands in the southern Alps, France 201

MEISINA, C. Relationship between the residual shear strength and the methylene blue value in weathered clay soils 213

Index 235