## 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

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

**ALONSO, 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

**DELMONACO, G., MARGOTTINI, C. & SPIZZICINO, 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., MINÁŘ, 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