

GROUND CRACKS



Figure A3.21 – September 19, 1985 Michoacan (Mexico) earthquake (M_s 8.0): scarp due to differential compaction in Mexico City. Photo E. Vittori.



Figure A3.22 – Ground cracks affecting a dirt road in a flat area near Isola (Umbria region), caused by the 1997 Umbria-Marche (Central Apennines) earthquake (M_w 6.0) (Esposito et alii, 2000; Vittori et alii, 2000). Photo S. Porfido.



Figure A3.23 – Ground cracks of debated origin affecting a paved road near San Giuliano (Molise region), caused by the 2002 Molise (Southern Apennines) earthquake (MI 5.4). Photo E. Esposito.



Figure A3.24 – Ground cracks that can be followed for tens of meters in grass fields occurred during the 1976 Friuli, north-eastern Italy, earthquake, Ms 6.5 (left, from Cavallin et alii, 1977), and the 1997 Umbria-Marche earthquake (right, photo E. Vittori).