Introduction
Problems, progress and future research concerning palaeoweatherings and palaeosurfaces

Geochemistry and isotopes: Weathering, rainwater, and atmosphere chemistry: example and modelling of granite weathering, in present conditions, in a CO2-rich, and in an anoxic palaeoatmosphere

Stable carbon isotopes in palaeosol carbonates

Palaeoenvironment, palaeoclimate and stable carbon isotopes of Palaeozoic red bed palaeosols

Appalachian Basin, USA and Canada
Peculiar palaeoweathering types
Diversity of the continental silicifications
Examples from the Cainozoic deposits in the Paris Basin and neighbouring basement

Authigenic clay minerals in continental evaporitic environments

Saprolite-bauxite facies of ferraltic duricrusts on palaeosurfaces of former Pangea

Karst bauxites: interfingering of deposition and palaeoweathering

Precambrian palaeosols: a view from the Canadian shield

Regional palaeosurface and palaeoweathering reconstructions

Palaeolandscapes: reconstruction of the Southwestern Massif Central (France) Lateritization, geomorphology, and geodynamics of a passive continental margin

The Konkan and Kanara coastal lowlands of western peninsular India Relief features and palaeoweathering remnants in formerly glaciated Scandinavian basement areas

Palaeosol sequences in floodplain environments: a hierarchical approach

Carbonate-rich palaeosols in the upper Cretaceous/Lower Palaeogene series of the Provence basin (France) Sedimentary infillings and development of major Tertiary palaeodrainages of south-central Australia

Weathering surfaces, laterite-derived sediments, and associated mineral deposits in NE-Africa

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.