

1. Record Nr.	UNINA9910143134503321
Titolo	Foreland basins // edited P.A. Allen and P. Homewood
Pubbl/distr/stampa	Oxford, [England] : , : Blackwell Scientific Publications, , 1986 ©1986
ISBN	1-282-17172-0 9786612171727 1-4443-0381-3 1-4443-0382-1
Descrizione fisica	1 online resource (468 p.)
Collana	International Association Of Sedimentologists Series
Disciplina	551.304 552.8
Soggetti	Orogeny Geology, Stratigraphic Sedimentation and deposition Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Foreland Basins; Contents; Preface; Foreland basins: an introduction; Circum-Pacific and Western Americas; Tectonic controls of foreland basin subsidence and Laramide style deformation, western United States; The stratigraphic and structural evolution of the central and eastern Magallanes Basin, southern South America; Magnetic polarity stratigraphy, age and tectonic setting of fluvial sediments in an eastern Andean foreland basin, San Juan Province, Argentina; The evolution of foreland basins to steady state: evidence from the western Taiwan foreland basin Timor-Tanimbar Trough: the foreland basin of the evolving Banda orogenAlpine basins of Europe and Asia; The Oligocene to Recent foreland basins of the northern Apennines; A small polyhistory foreland basin evolving in a context of oblique convergence: the Venetian basin (Chattian to Recent, Southern Alps, Italy); A comparison between a present-day (Taranto Gulf) and a Miocene (Irpinian Basin) foredeep of

the Southern Apennines (Italy); Plio-Pleistocene sedimentation in the Apenninic-Adriatic foredeep (Central Adriatic Sea, Italy); Dynamics of the Molasse Basin of western Switzerland
Evolution of the north Alpine foreland basin in the Central Alps Thrust belt development in the eastern Pyrenees and related depositional sequences in the southern foreland basin; Thrust tectonic controls on Miocene alluvial distribution patterns, southern Pyrenees; Syntectonic intraformational unconformities in alluvial fan deposits, eastern Ebro Basin margins (NE Spain); Late Cenozoic tectonics and sedimentation in the north-western Himalayan foredeep: I. Thrust ramping and associated deformation in the Potwar region
Late Cenozoic tectonics and sedimentation in the north-western Himalayan foredeep: II. Eastern limb of the Northwest Syntaxis and regional synthesis Palaeozoic of North America; Progressive filling of a confined Middle Ordovician foreland basin associated with the Taconic Orogeny, Quebec, Canada; Evolution from passive margin to foreland basin: the Atoka Formation of the Arkoma Basin, south-central U.S.A.; Sedimentary-tectonic development of the Marathon and Val Verde basins, West Texas, U.S.A.: a Permo-Carboniferous migrating foredeep
On the depositional response to thrusting and lithospheric flexure: examples from the Appalachian and Rocky Mountain basins Petrography and stratigraphic techniques; Sedimentary 'signatures' of foreland basin assemblages: real or counterfeit?; Compositional trends within a clastic wedge adjacent to a fold-thrust belt: Indianola Group, central Utah, U. S.A.; Provenance modelling as a technique for analysing source terrane evolution and controls on foreland sedimentation; Reconstruction of patterns of differential subsidence using an episodic stratigraphic model

Sommario/riassunto

Firstly, this represents a collection of case-studies covering a wide range of basin types and tectonic and stratigraphic settings. Secondly, it highlights specific themes such as the history of subsidence and its relation to orogenesis, and the stratigraphic architecture of the basin fill.
