



A Field Guide to the Carboniferous Sediments of the Shannon Basin, Western Ireland (Paperback)

By -

John Wiley and Sons Ltd, United States, 2016. Paperback. Condition: New. Language: English. Brand new Book. The Carboniferous Shannon Basin of Western Ireland has become one of the most visited field areas in the world. It provides an ideal opportunity for examining a wide range of ancient sedimentary environments, including carbonate shelf, reefs and mud mounds, black shales and phosphates, and a spectrum of deep sea, shallow marine, fluvio-deltaic and alluvial siliciclastic sediments. The area boasts extensive outcrops and some of the most renowned sections through turbidites, large-scale soft sediment deformation features and sediments that display a response to tectonic and sea-level controls. This field guide provides the first synthesis of the principal localities in this area of Western Ireland, and presents an easily accessible handbook that will guide the reader to, and within, a wide range of sedimentary facies, allowing an understanding of the evolving nature of the fill of this Carboniferous basin and the context of its sedimentary and tectonic evolution. The guide summarizes recent and new work in the area by a range of authors and outlines issues of current debate concerning the Shannon Basin and its palaeoenvironmental interpretation. The field guide will find extensive use in teaching...



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