



Praise for the author's previous book *Thrustbelts: Structural Architecture, Thermal Regimes and Petroleum Systems*:

'Recommended for industry professionals and academics alike who are interested in teaching the subject or developing an up-to-date understanding of the complexity and global significance of thrustbelts.'

– *Geological Magazine*

Rifts and passive margins are extremely important for the petroleum industry, as they are areas of high sedimentation and can contain significant oil and gas resources. This book provides a comprehensive understanding of rifts and passive margins as a whole. It synthesizes in one volume the existing information devoted to specific aspects of these vitally important hydrocarbon habitats. This collection of state-of-the-art information on the topic facilitates the better use of this knowledge to assess the risks of exploring and operating in these settings and the development of systematic and predictive hydrocarbon screening tools.

This synthesis derives from the author's own long-term research on rifts and passive margins, and also from numeric validations of the concepts and extensive tables documenting the factors that influence structural styles, thermal regimes and petroleum systems, as well as the rates of various geologic processes. The book will be invaluable for a broad range of readers, from advanced geology students and researchers to exploration geoscientists to exploration managers exploring for and developing hydrocarbon resources in analogous settings.



Online Resources
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➤ Color versions of many of the figures in the book

Cover illustration: One of the first structural uplifted areas of the Basin and Range Province, parallel to the Wasatch normal fault; showing Antelope Island in the Great Salt Lake, Utah. The mountainous portion in the background is formed by the Upper Proterozoic Mutual Formation and Lower-Middle Cambrian Tintic quartzite. Photograph by Gabi Lach (www.gabilach.com).

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