Mesozoic Resource Potential in the
Southern Permian Basin
The Geological Society of London

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The Society makes every effort to ensure that the scientific and production quality of its books matches that of its journals. Since 1997, all book proposals have been refereed by specialist reviewers as well as by the Society’s Books Editorial Committee. If the referees identify weaknesses in the proposal, these must be addressed before the proposal is accepted.

Once the book is accepted, the Society Book Editors ensure that the volume editors follow strict guidelines on refereeing and quality control. We insist that individual papers can only be accepted after satisfactory review by two independent referees. The questions on the review forms are similar to those for Journal of the Geological Society. The referees’ forms and comments must be available to the Society’s Book Editors on request.

Although many of the books result from meetings, the editors are expected to commission papers that were not presented at the meeting to ensure that the book provides a balanced coverage of the subject. Being accepted for presentation at the meeting does not guarantee inclusion in the book.

More information about submitting a proposal and producing a book for the Society can be found on its website: www.geolsoc.org.uk.

It is recommended that reference to all or part of this book should be made in one of the following ways:


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This book is dedicated to the memory of Mark Geluk (1958–2018)

Mark Geluk was a passionate geologist who spent most of his professional career studying the regional geology of the Paleozoic and Mesozoic of the Southern Permian Basin. During his career Mark moved several times between jobs in both academic, non-profit and commercial organisations, always adding significant value based on his ability to apply his huge knowledge and understanding of the subsurface across Northern Europe. Most of all, however, Mark was a very kind person who was fond of sharing that deep-rooted passion for geology, which is reflected in his extensive legacy of publications. As a regional geologist, Mark understood the important details of a geological interpretation of a well, a piece of core, or a seismic section and to put those details into the context of the dynamic evolution of the Southern Permian Basin on a much larger scale. His long publishing career spanned from 1988 to 2018, and included papers in high impact journals and special publications (ranging from early contributions on geothermal energy to Triassic paleogeography). His most cited work includes his PhD thesis (Permo-Triassic tectonostratigraphy) and contributions to the Dutch lithostratigraphic nomenclature, ‘Geology of the Netherlands’ and ‘Permian Rotliegend of the Netherlands’, forming cornerstones to our current knowledge of the subsurface across the Netherlands, Germany, Poland and the United Kingdom. His passion for geoscience will be sorely missed by the community.

Photograph courtesy of Ilse Urlings.