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*Edited by J. Betterton, J. Craig,
J.R. Mendum, R. Neller and J. Tanner*

The papers in this volume examine aspects of Geikie's life and works, including his family history, his personal and professional relationships, his art, and his contributions as a field geologist and administrator. Together, they provide a deeper understanding of his life, his career and his contribution to the development of Geology as a scientific discipline. Much of the research is based on primary sources, including previously unpublished manuscripts, donated in part by members of the family to the Haslemere Educational Museum, UK.

Special Publication 473

Military Aspects of Geology: Fortification, Excavation and Terrain Evaluation

*Edited by E. P. F. Rose, J. Ehlen and
U. L. Lawrence*

This book complements the Geological Society's Special Publication 362: Military Aspects of Hydrogeology. Generated under the auspices of the Society's History of Geology and Engineering Groups, it contains papers from authors in the UK, USA, Germany and Austria. Substantial papers describe some innovative engineering activities, influenced by geology, undertaken by the armed forces of the opposing nations in World War I. These activities were reactivated and developed in World War II. Examples include trenching from World War I, tunnelling and quarrying from both wars, and the use of geologists to aid German coastal fortification and Allied aerial photographic interpretation in World War II.

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Special Publication 281

The Role of Women in the History of Geology

Edited by C V Burek and B Higgs

Where were the women in Geology? This book is a first as it unravels the diverse roles women have played in the history and development of geology as a science predominantly in the UK, Ireland and Australia, and selectively in Germany, Russia and US. The volume covers the period from the late eighteenth century to the present day and shows how the roles that women have played changed with time. These included illustrators, museum collectors and curators, educationalists, researchers and geologists. Originally as wives, sisters or mothers many were assistants to their male relatives. The main aim of this volume is to bring together the work of academics and industry workers to consider cross-border geoscience including contributions on Poland, Germany, The Netherlands, the United Kingdom and adjacent areas. The work presented intends to contribute to the development and discovery of further Mesozoic energy resources across the basin.

Special Publication 487

Folding and Fracturing of Rocks: 50 Years of Research since the Seminal Text Book of J.G. Ramsay

Edited by C.E. Bond and H.D. Lebit

This Special Publication is a celebration of research into the Folding and Fracturing of Rocks to mark the 50th anniversary of the publication of the seminal textbook by J. G. Ramsay. Folding and Fracturing of Rocks summarised the key structural geology concepts of the time. Through his numerical and geometric focus John pioneered and provided solutions to understanding the processes leading to the folding and fracturing of rocks.

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By Malcolm Rider & Peter Harrison

The extraordinary and beautiful scenery of the Northern Scottish Highlands has been created by a geological history lasting over three billion years. The new and thoroughly up-dated edition of this popular book takes its readers through those three billion years, shows the rocks, visits the places, introduces some famous researchers and presents the geological theories that have been inspired by the Highlands.

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By Wolfgang Grulke

The ocean is the womb of all life on earth. It is beautiful and bizarre, violent and mysterious. Inhabited by a cast of characters stolen from fantasy, it's a dystopian world where dragons are real, and monsters are commonplace. Today's spectacular marine life has an ancient history preserved in stone - fossil strata that read like dramatic pages from the longest story ever told: tales of evolution, extinction, and surprising continuity.

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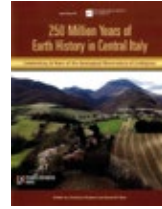
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Edited by Christian Koeberl and David M. Bice

Central Italy has been a cradle of geology for centuries. For more than 100 years, studies at the Umbria and Marche Apennines have led to new ideas and a better understanding of the past, such as the Cretaceous-Paleogene (K-Pg) boundary event, or the events across the Eocene-Oligocene transition from a greenhouse to an icehouse world.

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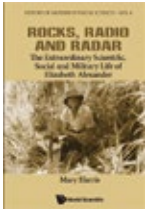
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Rocks, Radio and Radar:

The Extraordinary Scientific, Social and Military Life of Elizabeth Alexander

By Mary Harris

Many women scientists, particularly those who did crucial work in two world wars, have disappeared from history. Until they are written back in, the history of science will continue to remain unbalanced. This book tells the story of Elizabeth Alexander, a pioneering scientist who changed thinking in geology and radio astronomy during WWII and its aftermath.

ISBN: 978-1-78634-664-3

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May 2019

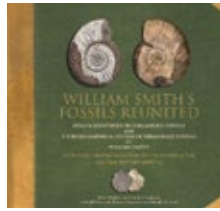
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By Peter Wigley (Editor),
Jill Darrell, Diana Clements
and Hugh Torrens

With a Foreword by Sir David Attenborough, William Smith's Fossils Reunited is intended both for the William Smith enthusiast and also for those with a more general interest in the work of this remarkable pioneering geologist. The fossil illustrations and maps in this exquisite volume are aesthetically pleasing in their own right and demonstrate the extraordinary skill of early nineteenth-century engravers and map makers.

ISBN: 978-0-85704-337-5

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Museums at the Forefront of the History and Philosophy of Geology: History Made, History in the Making

Edited by Gary D. Rosenberg
and Renee M. Clary

Natural history museums have evolved over the past 500 years to become vanguards of science literacy and thus institutions of democracy. Curiosity about nature and distant cultures has proven to be a powerful lure, and museums have progressively improved public engagement through increasingly immersive exhibits, participation in field expeditions, and research using museum holdings, all facilitated by new technology.

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History of Geology at the Geological Society of London

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The History of Geology Group



The History of Geology Group (HOGG) was formed in October 1994 in order to advance the study and understanding of the history of geology.

HOGG is for anybody who is inspired by or curious about the history

of geology and enjoys finding out about events, personalities and achievements that have shaped the way geology is understood, studied and practised today. At least three HOGG

meetings are held each year - one in London (usually at the Geological Society's apartments), another in the regions plus a 'field' meeting, with additional meetings or symposia occasionally supplementing the programme. HOGG is affiliated to the Geological Society of London but it is not necessary to be a Fellow of the Society to join HOGG. Membership is open to anyone interested in the heritage and development of geology.

Find out more, including how to become a member at www.historyofgeologygroup.co.uk Or visit the Geological Society's website at www.geolsoc.org.uk/hogg

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Spotlight on History of Geology content



The role of women in the history and development of geology: an introduction

By C. V. Burek and B. Higgs

A conference held at the Geological Society, Burlington House, London, was the first to deal solely with the role that women played in the history and development of the science of geology. Sixteen papers were read and there were two poster presentations. Prior to this, there have been individual articles written and papers published on the historical role of women in the history of the geosciences, but this collection of conference papers is, surprisingly, the first time a book has been published...read more

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Changing reflections on the history of geology

By Barry J. Cooper

The justification for studying the history of geology is analysed from an Australian perspective. It is considered that history is an essential part of all geological research. With the rise in geological employment, a natural interest in professional history has also developed. A long history of mining in Australia with geological involvement has also led to a greater appreciation of history by local communities. Human understanding of the world is enhanced by studying the history of the earth sciences... read more

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Controversies in the history of geology and their educational importance for facilitating understanding of the nature of science

By Renee M. Cleary

Controversies in the history of geology are inherently interesting to students, and offer an effective method for conveying the scientific process and the cultural and social influences under which science progresses. Historical controversies can also address the basic understandings of the nature of science (NOS), which students need in order to develop an authentic understanding of the scientific process...read more

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