



From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945)

By *Martina Kölbl-Ebert*

Download now

Read Online →

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert

The Nördlinger Ries and Steinheim Basin, two conspicuous geological structures in southern Germany, were traditionally viewed as somewhat enigmatic but nevertheless definitely volcanic edifices until they were finally recognized as impact craters in the 1960s. The changing views about the origin of the craters mark an important paradigm shift in the Earth sciences, from an Earth-centric approach to a planetary perspective that acknowledged Earth's place in the wider cosmos. Drawing on a range of printed sources, detailed archival material, letters, personal notes, and interviews with veterans of Ries research, Martina Kölbl-Ebert provides a detailed reconstruction, not only of the historical sequence of events throughout the twentieth century, but also of the personal thoughts, emotions and motives of the scientists involved and the social context of their research. She shows that there was a sudden reconnection of German researchers with the international scientific community, particularly with more progressive American researchers, after some twenty-five years of scientific isolation during the build-up to WWII and its aftermath. This reconnection brought about not only a new view of geoscience, but also saved German geology from self-sufficiency and patriotic arrogance by integrating it in an interdisciplinary and international framework. In so doing this book sheds much valuable light on an under-explored but crucial development in the way we understand Earth's history, as well as the way that science functioned during times of conflict.

↓ [Download From Local Patriotism to a Planetary Perspective: ...pdf](#)

📖 [Read Online From Local Patriotism to a Planetary Perspective ...pdf](#)

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945)

By Martina Kölbl-Ebert

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert

The Nördlinger Ries and Steinheim Basin, two conspicuous geological structures in southern Germany, were traditionally viewed as somewhat enigmatic but nevertheless definitely volcanic edifices until they were finally recognized as impact craters in the 1960s. The changing views about the origin of the craters mark an important paradigm shift in the Earth sciences, from an Earth-centric approach to a planetary perspective that acknowledged Earth's place in the wider cosmos. Drawing on a range of printed sources, detailed archival material, letters, personal notes, and interviews with veterans of Ries research, Martina Kölbl-Ebert provides a detailed reconstruction, not only of the historical sequence of events throughout the twentieth century, but also of the personal thoughts, emotions and motives of the scientists involved and the social context of their research. She shows that there was a sudden reconnection of German researchers with the international scientific community, particularly with more progressive American researchers, after some twenty-five years of scientific isolation during the build-up to WWII and its aftermath. This reconnection brought about not only a new view of geoscience, but also saved German geology from self-sufficiency and patriotic arrogance by integrating it in an interdisciplinary and international framework. In so doing this book sheds much valuable light on an under-explored but crucial development in the way we understand Earth's history, as well as the way that science functioned during times of conflict.

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert Bibliography

- Published on: 2016-04-15
- Released on: 2016-04-15
- Format: Kindle eBook

 [Download From Local Patriotism to a Planetary Perspective: ...pdf](#)

 [Read Online From Local Patriotism to a Planetary Perspective ...pdf](#)

Download and Read Free Online From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert

Editorial Review

Review

'I strongly recommend this book on the basis of its topic and its larger themes, but also on the strength of its scholarship. Scholars working on other aspects of German participation in geoscience will discover a great deal of useful information in Martina Kölbl-Ebert's study of the impact/volcanic controversy as it unfolded around these specific locales in Germany.' International Commission on the History of the Geological Sciences

About the Author

Dr Martina Kölbl-Ebert is director of the Jura-Museum Eichstätt and curator of the natural history collections of the Bishop's Seminary in Eichstätt, Germany. Her principal research interests are in the history of geosciences.

Users Review

From reader reviews:

John Drew:

Book is actually written, printed, or illustrated for everything. You can understand everything you want by a book. Book has a different type. As you may know that book is important factor to bring us around the world. Adjacent to that you can your reading proficiency was fluently. A e-book From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) will make you to become smarter. You can feel considerably more confidence if you can know about anything. But some of you think that will open or reading a book make you bored. It's not make you fun. Why they are often thought like that? Have you looking for best book or suited book with you?

James Stover:

The book untitled From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) is the publication that recommended to you to see. You can see the quality of the reserve content that will be shown to anyone. The language that creator use to explained their ideas are easily to understand. The article author was did a lot of study when write the book, hence the information that they share to your account is absolutely accurate. You also can get the e-book of From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) from the publisher to make you much more enjoy free time.

Ryan Pearson:

The guide with title From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) has a lot of information that you can study it.

You can get a lot of gain after read this book. This kind of book exist new understanding the information that exist in this guide represented the condition of the world now. That is important to yo7u to be aware of how the improvement of the world. This particular book will bring you with new era of the globalization. You can read the e-book on your smart phone, so you can read this anywhere you want.

Cheryl Ruiz:

You may spend your free time to learn this book this reserve. This From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) is simple bringing you can read it in the playground, in the beach, train and also soon. If you did not possess much space to bring the particular printed book, you can buy the actual e-book. It is make you quicker to read it. You can save the book in your smart phone. Therefore there are a lot of benefits that you will get when one buys this book.

Download and Read Online From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert #861KZURGW0Q

Read From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert for online ebook

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert books to read online.

Online From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert ebook PDF download

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert Doc

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert Mobipocket

From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert EPub

861KZURGW0Q: From Local Patriotism to a Planetary Perspective: Impact Crater Research in Germany, 1930s-1970s (Science, Technology and Culture, 1700-1945) By Martina Kölbl-Ebert