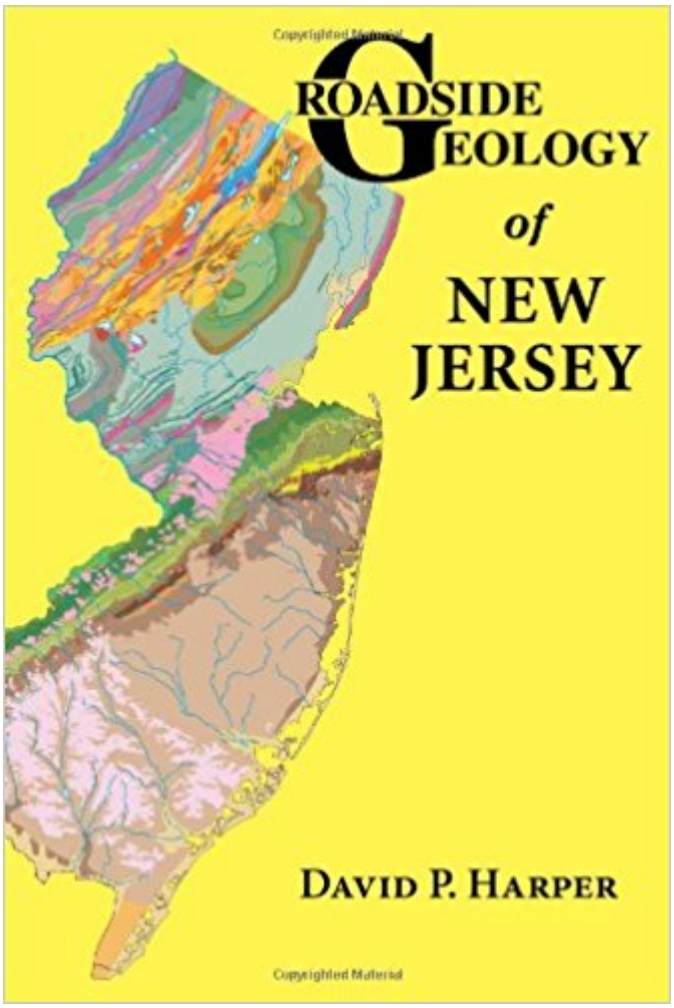
Roadside Geology Of New Jersey



Synopsis

From the glacially scoured quartzite ridge that hosts the Appalachian Trail to the spectacular columnar basalt of Orange Mountain, New Jersey packs a boatload of geology into a small area. Its nineteenth-century marl pits were the birthplace of American vertebrate paleontology, bog iron deposits in the Pinelands were used to produce cannonballs for the Revolutionary War, world-famous fluorescent minerals are found with zinc deposits in the Franklin Marble, and the coastal plain sediments contain convincing evidence of the meteorite impact that killed the dinosaurs. This absorbing book opens with an overview of the state s geologic history and proceeds with 13 road guides that unearth the stories behind the state s rocks, sediments, andbarrier islands. More than just a guide, Roadside Geology of New Jersey is chock-full of insightful discussions on such timely topics as sea level rise, climate change, and uranium mining. Get the scoop on why so much sand moves during superstorms such as Hurricane Sandy, and learn about more than a century of efforts to stabilize the beaches along the Jersey Shore.

Book Information

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Customer Reviews

Now retired from long service with the New Jersey Geological Survey and the New Jersey Site Remediation Program, Harper offers road guides for trips that will take general readers, avid amateurs, students, and professionals to sites illustrating the geology of the places. After a quick trip through the past 2.5 billion years, he takes the geological regions in turn. There is the Newark Basin with basalt, sedimentary rock, and glacial lakes; the highlands and valley and ridge forming gaps

through the hard rock; and pinelands, beaches, and marches of the coastal plain. Informative and colorful maps, photographs, and diagrams are provided. --Book News, Inc.

David P. Harper was with the New Jersey Geological Survey for twenty years and the New Jersey Site Remediation Program for eight years before retiring in 2002 to work as a site remediation consultant. During his long career as aneducator, he taught geology at Rider University, Mercer County Community College, and New Jersey City University and served as President of the Geological Association of New Jersey.

Much to my delight, several of my grandchildren are turning out to be avid rock-hounds and David HarperÃƒÂ¢Ã â ¬Ã â„¢s book is a fantastic resource as grandpa takes the next generation on journeys of discovery in and about the wilds New Jersey. I ordered the eBook edition from and am very happy that I did because it allows me to conduct text searches, cross-reference material and hyperlink to Internet resources, all which would be extremely difficult with a book printed on dead-trees. I have taken this eBook into the field on Kindle supported tablets without difficulty. You can zoom on photographs, which facilitates the detailed inspection hard-to-read pictures. I can bookmark, highlight and copy text and graphics of interest as I plan new trips. David Harper is to be commended for an outstanding job of research and scholarship.There are many Google Earth KMZ and Internet resources for the geology of State of New Jersey but they donÃƒÂ¢Ã â ¬Ã â„¢t always correlate well with this book, which based on my experience, has always been the more reliable source because of David HarperÃƒÂ¢Ã â ¬Ã â„¢s diligence. In too many situations, the Internet information is incomplete, inaccurate and in a few unfortunate cases deliberately deceptive. The Geological Association of New Jersey (GANJ) has a KMZ file titled ÃƒÂ¢Ã â ¬Ã Å“New Jersey EarthcachesÃƒÂ¢Ã â ¬Ã Â• which is useful be doesnÃƒÂ¢Ã â ¬Ã â„¢t dovetail with the David HarperÃƒÂ¢Ã â ¬Ã â„¢s book. Basically my wish is for is a KMZ companion resource to ÃƒÂ¢Ã â ¬Ã Å“Roadside Geology of New JerseyÃƒÂ¢Ã â ¬Ã Â• and perhaps other Roadside Geology books which will provide a roadmap to the points of interest covered in the book. In the ideal world, I would only need to type in a waypoint on my carÃƒÂ¢Ã â ¬Ã â„¢s GPS and a new adventure would begin.

Roadside Geology of New Jersey is a thoroughly satisfying, well-written resource which will provide hours of pleasant contemplation for anyone with some degree of interest in the subject matter. It can be enjoyably read cover-to-cover, but can also serve as a useful reference book. Its pages combine

a thoroughly readable text with profuse and informative illustrations. Coming from a professional geologist and college educator, the explanations are technically accurate, yet quite comprehensible to the non-specialist. In addition to descriptions and histories of formations that comprise New Jersey, and updated understandings of what were once geologic mysteries (such as references to the role of plate tectonics and long-term climate cycles in shaping the Jersey landscape), there is a liberal sprinkling of cultural and historical nuggets which broaden the bookÃƒÂ¢Ã â ¬Ã â„¢s appeal. It is likeable reading for the ÃƒÂ¢Ã â ¬Ã Å“armchair traveler,ÃƒÂ¢Ã â ¬Ã Â• and in addition, its descriptions of many public parks, landmarks, and other locations of interest, along with travelerÃƒÂ¢Ã â ¬Ã â„¢s tips and pitfalls to avoid will be useful to those who want to enjoy the landscape first hand.

NJ is amazing. Its geology is compact and diverse. You can see 500 million years of change, and we’re still evolving, adapting and changing. Every school library and every town library must have this book. Give it to your children or grandchildren to connect them with our bedrock. The history of life is written in the rocks, and this book is the Rosetta stone.

I cannot recommend this book too highly. Packed with information, beautifully illustrated with color photos and geologic maps. If you have an interest in the earth sciences in general and/or geology in particular and either live in or visit New Jersey this is one book you should have. No question, a classic. If this is the standard of the "Roadside Geology" series of books I would have to recommend them all. I will get a better idea as I have just recently ordered "Roadside Geology of New York" on the strength of this book. An invaluable reference. Nothings perfect, but this book easily beat any expectations I had. Wonderful.

This is a great addition to my geology book collection. I used to teach high school science and gathered quite a few texts on the local area. I like that this one follows the highways and talks about them clearly and simply. Or as simply as a geologist can and still be relating interesting and accurate data can.I will keep this book in the car and pull over when I see an interesting formation along the road.Good stuff!

I recently visited NJ and matching the rocks to the book was a good deal of fun. I love these Roadside Geology books and this is another good one. The author has quite a bit to say about how geology shaped the history of NJ. The maps are in color and an improvement on the black and

white drawings used in the early books of the Roadside Geology series. I recommend this book to anybody interested in the natural world and/or history.

I've been looking forward to the production of this book for years. New Jersey has so much to offer and Dave does such a great job in doing so. I recommend this book to anyone interested in the geological history of this often underappreciated state.

This is an interesting, informative, and well illustrated guide to the geology of New Jersey. The geology is up-to-date, the range of topics is wide, and it is well written. Recommended for anyone with an interest in the natural history of New Jersey.