

Arizona Geological Society presents

Roadside Geology of Arizona

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ZOOM (<https://arizona.zoom.us/j/87908544524>)
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Arizona is an amazing showcase of geologic features and processes. The landscapes of the state reveal a fascinating geologic story, and most chapters of this history can be observed by traveling Arizona's network of federal, state, and local highways. With some strategies for observing landscapes and a general understanding of the sequence of geologic units and events, a traveler can piece together the main plot lines of the history. We are using this observe-first, stratigraphy-first approach to write a new version of *Roadside Geology of Arizona*. In this talk, we will employ a regional approach to Arizona as we explore the geologic scenery of different parts of the state, highlighting the stratigraphy, structural styles, key geologic events, and notable scenic landmarks.

Dr. Steve Reynolds was recently named 'President's Professor' at ASU. He has authored or edited more than 200 geologic maps, articles, and reports, including the 866-page "Geologic Evolution of Arizona." Steve is a past president of the Arizona Geological Society.

Ms. Julia Johnson is a geologist and geoscience-education researcher. Her geologic research focuses on the geology of Arizona, and her education research involves the use of concept sketches in geoscience learning and teaching. She is a co-author on one of the Arizona Geological Survey's most popular "Geologic Map of the Phoenix Mountains, Central Arizona (~60,000 views).



Photo: Hunter's Point, south of Window Rock, displaying a beautiful expression of the East Defiance monocline, a Laramide fold. The rocks are mostly sandstones of Pennsylvanian through Triassic in age. Photograph by Stephen J. Reynolds