



Emirates Natural History Group (Abu Dhabi Chapter)
<http://abudhabi.enhg.org/>

You've been invited to Geology of Western Hajar



Wednesday, 30 Nov 2016

07:00 AM

Geology of Western Hajar

Did you know that in Oman, the high chocolate-colored Hajar mountains are a section of the Earth's oceanic crust and the underlying upper mantle, which has been uplifted and exposed to our eyes?

This Semail ophiolite in Oman is part of the ophiolites that occur in elongate belts, making up an integral part of the Alpine mountain chains. Oman's

ophiolites provide the best exposure in the world to study oceanic lithosphere. It is associated with a great thickness of autochthonous shelf carbonate rocks, a remnant of the Tethysian Ocean, with extensive nappes of deep sedimentary deposits. The ophiolites tectonically overlay the shelf carbonate rocks, an event which occurred 95-100 Ma ago. We therefore will see various rocks and structures from magmatic, metamorphic, and sedimentary origin. Join us for a field trip in the Western Hajar Mountains between 30th November to 2nd December, one night of camping and one night in a rest house. Not only for Geology but to visit the beautiful fort and Oasis of Nakle, if open the Hoota cave as well. We will start with Wadi Haimylya and continue with Wadi Awf.

Jean-Paul Berger, Geologist member on Dubai chapter of ENGH will guide us in the wadis.

This is a Field Trip for members of all chapters of ENHG, please pre-register by email to: queromain@gmail.com

Yves Quéromain

Field trip coordinator

<http://abudhabi.enhg.org/public/events/7008-geology-of-western-hajar>