

In 7 days during Eastern Holiday 2005

Organizer Prof. A. Kh. Al Maleh
Prof. Of Sedimentary Petrology & Sedimentary Basin Analysis
Geology Department, Damascus University
email:khmaleh@scs-net.org

Arrival at Damascus on Wednesday 30 March 2005. Overnight in Fardoos Tower Hotel, Damascus.

1st Day: Thursday 31 March 2005

From Damascus to Palmyra

Geologic sections of: Rmah, Bsiri, Al Bardeh

Mountains, (2-millennia-old Roman Dam), Overnight in Zenobia Hotel, Palmyra.

2nd Day: Friday 1 April 2005

Geology of Palmyra area and strolling through the 3-millennia charming Palmyra ruins.

Geologic sections of: Hayyan and Al Abiad Mountains

During theses two days Geology and Tectonics of the Southern Palmyride fold and thrust belt will be familiarized.

Overnight in Zenobia Hotel, Palmyra.

3rd Day: Saturday 2 April 2005 Sailing from the Arabian to the African Plate. Crossing the Ad Daww intermountain basin. Heading to Missyaf Segment of the Dead Sea



Roman Dam



Hayyan Mountain

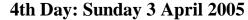


Palmyra ruins

fault system where a 2-millennia roman aqueduct is 13.6 m offset through three seismic events.

Geology of the southern parts of the Coastal chain (Al Btar and Traiz geologic sections).

Overnight in Machta Helou Resort.



Geology of the southern parts of the Coastal chain through Machta Al Helou, Al Ouyoun Jneen, Al Nasrah geologic sections. Tracing seismic and active tectonic scars in the 1-millennium old Krak de Chevalier which lies at the Dead Sea fault system. Main sedimentary formations and volcanics along the Syrian Mediterranean coast till Lattakia will be visited Overnight in Meridian hotel, Lattakia.



Href roman aqueduct



Krak de Chevalier

5

5th Day: Monday 4 April 2005

Lattakia, Baer-Bassit Ophiolit, Ghab Pull apart, Aleppo. Main features of Baer-Bassit (an important segment of the ophiolite arc extends from Cyprus to Oman). Crossing Ghab Pull apart which developed along the Dead Sea fault System ascending hence to Aleppo platform. The day start with visiting Ugarit which gave the humanity in the 13-16th centuries B.C. the first alphabet.

Overnight in Pullman Shahba hotel, Aleppo.



ۅٛٙ

8 8 9

Ugarit



Basit ophiolite complex



Ghab seen from Aphamia

6th Day: Tuesday 5 April 2005

Aleppo, Ebla, Hama, Homs, Qalamoon, Maalula, Damascus.

Geologic Structures of Aleppo uplift, Homs depression and panoramic view of Qalamoon Mountain Chain. Aleppo citadel, the 3-millenia B.C. old Ebla, where the Royal Archive written on 16000 clay tablets recorded an important period of Syrian history. Hama, the famous Norias' city on Orontes. Old churches of Maalula, a town whose people still communicate in Jesus Christi's Aramaic language.





Aleppo Citadel

7th Day: Wednesday 6 April 2005

Geology and Tectonics of Damascus area.

Qassyoun Mountain, Barada River Valley, Al Fijeh Anticline, Wadi Al Qarn. Stratigraphic series from Upper Jurassic to Cenomanian in Wadi Al Qarn. Active tectonic features and seismic characteristics of Serghaya and Bloudan segments of the Dead Sea fault system.

Overnight in Damascus

5 5 5



Wadi Barada section



Serghaya fault surface in Bloudan

- Visa and international flight fares to/from Syria are to be arranged and shouldered by the participants
- **∨** Participation fees per person from/to Damascus airport: 2800 US\$ to be paid upon arrival.
- **∨** Maximum number of participants is: 30.
- **∨** Registration deadline: 20 March 2005.
- **∨** Correspondence emails: <u>khmaleh@scs-net.org</u>; <u>ymradwan @scs-net.org</u>