

**Main Features Of The Geology Of Syria**  
*"Unique Structures in Northern Arabian Plate"*  
**And Some Main Syrian Archeological Sites**

**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.**



**Roman Dam**

**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 these two days Geology and Tectonics**  
**of the Southern Palmyride fold and thrust belt**  
**will be familiarized.**  
**Overnight in Zenobia Hotel, Palmyra.**



**Hayyan Mountain**

**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**



**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.

4th Day: Sunday 3 April 2005

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

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.



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.**

**Overnight at Fardoos Tower Hotel, Damascus.**



**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**



**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: [khmaleh@scs-net.org](mailto:khmaleh@scs-net.org) ; [yhradwan@scs-net.org](mailto:yhradwan@scs-net.org)**