



**International Conference on Ophiolites and the Oceanic Lithosphere:
Results of the Oman Drilling Project and Related Research
12-14th January, 2020, Sultan Qaboos University, Muscat,
Sultanate of Oman; <https://conferences.squ.edu.om/icool>**

2nd Circular

Objectives:

- To provide a forum for discussion of the results of the Oman Drilling Project and other recent scientific research on ophiolites and the oceanic lithosphere
- To encourage the exchange of knowledge, ideas and experiences, between scientists, regarding the formation and evolution of ophiolites

Important Dates:

- **15th October 2019:** Deadline for Abstract Submission.
- **30th October 2019:** Notification of abstract acceptance.
- **25th December 2019:** Second Circular and Scientific Program.
- **15th November 2019:** Deadline for early registration.
- **30th November 2019:** Deadline for regular registration.
- **11th January 2020:** Reception 18:00 - 21:00, Faculty Club.
- **12th January 2020:** Deadline for late registration.

Registration Fees

- Regular Participants: \$200 (early) / \$300 (regular) / \$400 (late)
- Students: \$50
- Accompanying person: \$100
- Fee will cover conference material, Lunch, Dinner, Drinks and Snacks during the conference (3 days).

Payment: Registration and Field trips payment will be onsite during reception on **11th January** (18-21 pm) or during registration on **12th January** (8:00-12:00 am). Payment will be **in cash** either in US\$, Euro or OMR. Credit and debit card machines are available on campus, but can not be used for payment of fees.

Transport:

Shuttle buses will bring participants from the F&H, Horizon and Holiday Inn hotels to the conference at 8:00am and will bring them back to these hotels at 21:00 pm during the conference (12-14 January).

Participants booked in other hotels can use public transportation (buses and Taxi) available on the main roads only. For cheap taxis (Uber) download **otaxi** app to your phone.

Phone Card:

We advise purchasing Omantel SIM card at the airport for 2 OMR. To get daily WIFI for 50 MB, dial *241*1#. Free WIFI will be available at campus.

Conference Themes:

- Results of the Oman Drilling Project
- Ophiolite genesis and the oceanic lithosphere
- Geodynamics and hydrothermal processes of ophiolites at spreading ridges
- Chemical and physical processes within oceanic magma chambers
- Formation of ore deposits related to ophiolites
- CO₂ sequestration, fluids and diagenesis within the oceanic crust.
- Geochemical cycles and geobiological studies related to ocean crust formation
- Tectonics of emplacement and metamorphism
- Hydrogeology of ophiolites
- Subsurface microbial ecosystems in gabbro and peridotite



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Keynote Speakers:

- 1) Peter Kelemen, Columbia University, USA.
- 2) Marguerite Godard, Université de Montpellier, France.
- 3) Juerg Matter, University of Southampton UK.
- 4) Craig Manning, University of California, USA.
- 5) Eiichi Takazawa, Niigata University, Japan.
- 6) Juergen Koepke, University of Hannover, Germany.
- 7) Francoise Boudier, Université de Montpellier, France.
- 8) Katsu Michibayashi, Nagoya University, Japan.

Field Trips:

Assembly point: Parking near Clock Roundabout.

Shuttle buses will bring registered participants from A&F, Horizon and Holiday Inn hotels to the Assembly Point.

Field trips 1 & 3 will start at 6:30 am. Buses will bring participants from these hotels at 6:00 am.

Field trips 2, 4 and 6 will start at 7:00 am. Buses will bring participants from these hotels at 6:30 am.

Soft and hot drinks, water, breakfast and lunch will be provided during the fieldtrips

Please bring good walking shoes, hammer, bags, sun cream and sun hat Food and drink will be provided.

Participants registered in field trip # 3 and # 4 (2 days) need to pay for their hotel accommodation.

(Payment either during registration or at hotel)

1) Igneous and metamorphic processes during formation and evolution of oceanic crust at spreading ridges, 11th January 2020

Excursion Guides: Peter Kelemen and Juergen Koepke Cost: 50 OR

2) Accretion of the lower crust and initiation of hydrothermal cooling; locations are Samra, Wadi Wariyah, Wadi Gideah, 15th January 2020

Excursion Guide: Juergen Koepke. Costs: 50 OR

3) Carbon mineralization and serpentization in the Samail ophiolite, 15th -16th January 2020

Excursion Guides: Peter Kelemen, Juerg Matter, Marguerite Godard. Cost: 100 OR + accommodation (Golden Rays Hotel, Ibra)

4) The Northern Oman ophiolite: Oceanic crustal succession, ocean ridge segmentation, hydrothermal system and igneous history of the Oman ophiolite, 15th-16th January 2020

Excursion Guides: Eiichi Takazawa, Shoji Arai, Sumio Miyashita and Susumu Umino. Costs: 100 OR + accommodation (Mercure Hotel, Sohar)

5/6) Deep-seated tectonic, magmatic and hydrothermal processes in a mantle diapir and in the lower oceanic crust: the Maqsad area of the Oman ophiolite, 15th January 2020

Excursion Guide: Georges Ceuleneer. Costs: 50 OR

January is a wonderful time to visit Oman. Fieldtrips into the mountains can expect temperatures of 20-25°C.

Organizing Committee:

Prof. Sobhi Nasir (Chair), SQU, Oman

Prof. Peter Kelemen, Columbia State University

Prof. Juerg Matter, Southampton University

Dr. Osman Abdulla SQU, Oman

Dr. Talal Al-Hosni, SQU, Oman

Dr. Arshad Ali, ESRC, Oman

Dr. Rashid Al-Abri, Ministry of Regional, Municipalities and Water Resources, Oman

Dr. Salah Al-Khirbash, SQU, Oman

Dr. Issa El-Husaain, SQU, Oman

Dr. M. Al-Kindi, Geological Society of Oman

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Dr. Ali Al-Rajhi, Public Authority of Mining, Oman
Mr. Hussam Al-Rawahi, Petroleum Development Oman
Eng. Zaher Al-Suleimani, Director, Oman Water Society

Scientific Committee:

Prof. Peter Kelemen, Columbia University, USA
Prof. Juergen Koepke, Leibniz Universitaet, Germany
Prof. Craig Manning, University of California, USA
Prof. Juerg Matter, University of Southampton, UK
Prof. Françoise Boudier, France
Prof. Georges Ceuleneer, CNRS, France
Prof. Marguerite Godard, Université de Montpellier, France
Prof. Katsuyoshi Michibayashi, Shizuoka University, Japan
Prof. Sobhi Nasir, SQU, Oman
Prof. Eiichi Takazawa, Niigata University, Japan
Prof. Damon Teagle, University of Southampton, UK
Dr. Talal Al-Hosni, SQU, Oman
Dr. Salah Al-Khribash, SQU, Oman

VISAs and Travel to Oman:

VISA can be offered for European, USA, Canada, Australia, New Zeland , S. Korea, Japan, Iran and China citizens online or at the airport. For information please visit:

www.rop.gov.om/english/dg_passport_visa_tourist.asp

Accommodation:

Hotel accommodation will be arranged upon request. Hotel rates range from US\$50 to US\$300 per day. More expensive luxury hotels are also available. Limited accommodation will be available on the campus. We recommend the following hotels, which will give a special rate for the participants:
Holliday Inn, Horizon, F&H.

Shuttle buses will be available only from these hotels. Please provide us with name of hotel you are going to stay in order to see the possibility of providing shuttle buses (sobhi@squ.edu.om)

For more information please visit this website: <http://www.destinationoman.com/hotels.html>

Oman is extremely busy in January. We kindly recommend you to book your hotel as soon as possible.

Language:

The official language of the Conference is English. There will be no simultaneous translation.

SOCIAL PROGRAM

Tour in the Old City of Muscat

Discover what makes Old Muscat streets and Souq so exceptional! The striking features of its architecture, museum, royal palace, porticoes and towers, make of this walking tour in the city a perfect occasion to get acquainted with its shape and pace. To sign up for the tour, please send us an e-mail: sobhi@squ.edu.om
Due to limited availability, participants are requested to register early for the tour. Starting at 14:00. 14th January 2020.

Meeting point: Administration Building, main entrance

Venue: Oral presentation will be in the main conference hall (# 1 in the map). Posters in hall # 2 (see map below)

Contact: General enquiries

1-Prof. Sobhi Nasir, UNESCO Chair for Ophiolite Studies
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Mobile: (+968) 92314870 Phone: (968) 24142307
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For Field trips: Buses, cars

2- Dr. Salah El Khirbash, Email: Khirbash@squ.edu.om Mobile: (+968) 99256449

Posters

3- Dr. Arshad Ali, Email arshadali@squ.edu.om, Mobile: (+968)99896917

4- Irfan Khan, Email Irfan.khan@squ.edu.om Mobile(+968) 91760329

SQU Accomodation

5- Kumar : Mobile: (+968) 96426793

Conference Location (Oral: conferenc hall #1, Posters: #2)

