



**EAGE**

EUROPEAN  
ASSOCIATION OF  
GEOSCIENTISTS &  
ENGINEERS



# Third EAGE Eastern Mediterranean Workshop

1-3 DECEMBER 2021 • LARNACA, CYPRUS

- **First Announcement - Call for Abstracts**
- 

[WWW.EAGE.ORG](http://WWW.EAGE.ORG)

## TECHNICAL COMMITTEE

|                            |  |
|----------------------------|--|
| Anna Sacarabany            | ExxonMobil                                       |
| Aristofanis Stéfatos       | Hellenic Hydrocarbon Resources Management (HHRM) |
| Alexandra Reddaway         | Fameline Energy                                  |
| Bjorn Wygrala              | Schlumberger                                     |
| Clement Fleury             | Total  |
| Dennis Anastoudis          | ENERGEAN   |
| Efthymios Efthymiou        | CHC  |
| Esteban Fernandez Azparren | Chevron  |
| Hesham Hendy               | BP Egypt   |
| Jacopo Panizzardi          | ENI  |
| Jason Robinson             | TGS  |
| John Richard Underhill*    | Heriot Watt University                           |
| Juan Soto                  | The Univ. of Texas at Austin                     |
| Miki Gardosh               | Ministry of Energy, Israel                       |
| Nikolas Papadimitriou      | Geological Survey Cyprus                         |
| Verity Agar*               | ION  |
| Sugandha Tewari            | Schlumberger                                     |

\*Lead Co-Convenors

## ABOUT THE WORKSHOP

Exploration in the Eastern Mediterranean has been reignited by important gas discoveries during the last decade. With finds in the Offshore of Egypt, Cyprus and the Levant Basin and new exploration licenses and bidding rounds in offshore Greece and Lebanon, the area has become a very active petroleum province and global exploration hotspot.

The regions' complex geodynamic history has seen it evolve from two extensional (Tethyan) passive continental margins to one dominated by Alpine collision, mountain building and neotectonic subduction-accretion along its northern flank. Rifting was initiated in the Permo-Triassic, continued through the Mesozoic and was characterized by the development of a mixed siliciclastic-carbonate platforms attached to the African, Arabian and Eurasian plates as well as the formation of isolated carbonate outer-high platforms located on continental blocks (e.g. Eratosthenes, Ionian Sea and around Apulia). The influx of Cenozoic siliciclastic sediments due to the tilting of the African-Arabian shoulders and the fold-and-thrust systems (Tauride, Hellenide, Albanide, Apennine and Dinaride) during the late Oligocene to early Miocene,

gave birth to younger reservoirs. Subsequent marine isolation and evaporation led to the Messinian Salinity Crisis before rejuvenated clastic systems were restored in the Late Neogene in response to northward drainage off the African continent (Nile Delta), continued collision and a neotectonic overlay.

In an effort to unlock the petroleum resources below the Messinian salt layer, ambitious geological and geophysical exploration and drilling has taken place that seeks to identify unexplored prospects in offshore waters. Their identification will require further geological understanding and more technical development in geophysical imaging, rock mechanics and reservoir properties at important depths before proceeding to drill and safety.

More recently, attention has turned towards addressing the challenge of the energy transition, decarbonisation and meeting net zero emission targets. With a continued demand for oil and gas to meet energy needs, the role of local (indigenous supplies) that carry a lower carbon footprint becomes more important. In addition, evaluating and re-purposing the subsurface for alternative low-carbon use (e.g. through carbon storage, hydrogen production and storage, geothermal and wind power, etc.) will have an increasing importance.

## AIMS OF THIS WORKSHOP

This workshop aims to build upon the success of the previous EAGE workshops in Athens, and Malta. The purpose of the event is to integrate new data obtained during oil and gas activities to further the understanding of the complex regional geology, the development and evolution of structural styles, depositional systems and their implications for the prospectivity and further potential of the Eastern Mediterranean.

In addition, the workshop will address the potential that subsurface geological studies using methods traditionally deployed in the pursuit of hydrocarbons can be deployed for and contribute to the energy transition and challenge to meet stringent net zero emission targets. As such, contributions that address the region's potential for methane gas-storage as well as alternative energies that also rely on subsurface geoscience and engineering (e.g. carbon and hydrogen storage, geothermal resource and other renewable geological opportunities) are welcomed.



## TOPICS

The workshop will cover a range of themes and aim to prompt discussion. Initial themes and ideas for topics of interest are outlined below, but abstracts are invited to be submitted under any topic relevant to hydrocarbon exploration in the area. While having a specific focus on the Eastern Mediterranean, submissions from outside the region that are analogues or impact the region are also welcomed.

### Regional Geology of the Eastern Mediterranean

- Insights from new data acquisition;
- Implications of field geology for offshore interpretations;
- The impact of neotectonics on petroleum prospectivity;
- Carbonate depositional systems of the Tethyan margins.

### Controls on Petroleum Systems and Prospectivity

- Established, emerging and new petroleum plays;
- The history of exploration success told through case histories;
- Distribution and controls on biogenic and thermogenic sources;
- Subsurface monitoring of fluid migration.

### Application of New Technologies

- Learnings from seismic acquisition;
- Seismic imaging of the pre-salt section;
- Non-seismic geophysical methods and their application (gravity, magnetics, CSEM, etc.);
- Advances in drilling and development.

### Aligning with the Energy Transition

- Role of gas as a bridge fuel in the energy transition;
- Sub-surface energy storage (e.g. gas, carbon dioxide and hydrogen storage opportunities);
- Geothermal resources;
- Geo-environmental policies for decarbonisation in the Eastern Mediterranean.

## SUBMISSION GUIDELINES

The technical committee invites submissions of 1 page abstracts with one figure **before 31 August 2021**. To submit your abstract and read all the guidelines, please visit the event website via [events.eage.org](https://events.eage.org).



## IMPORTANT DATES

|   |                   |
|---|-------------------|
| Abstract Submission Deadline              | 31 August 2021    |
| Early Registration Deadline               | 1 October 2021    |
| Regular Registration Deadline             | 1 November 2021   |
| Third EAGE Eastern Mediterranean Workshop | 1-3 December 2021 |

## SPONSORING

The Third EAGE Eastern Mediterranean Workshop offers excellent sponsoring opportunities to create high visibility for your brand. For more information about sponsoring, please refer to the 'Sponsoring Opportunities' that is available on the event website (via [events.eage.org](https://events.eage.org)) or contact us via [europe@eage.org](mailto:europe@eage.org).

## CONTACT

For further up-to-date information, please visit the event [website](https://events.eage.org) or contact the EAGE Europe Office via [europe@eage.org](mailto:europe@eage.org) or +31 88 9955055.



**EUROPE OFFICE**  
+31 88 995 5055  
EAGE@EAGE.ORG

**RUSSIA & CIS OFFICE**  
+7 495 640 2008  
MOSCOW@EAGE.ORG

**MIDDLE EAST/AFRICA OFFICE**  
+971 4 369 3897  
MIDDLE\_EAST@EAGE.ORG

**ASIA PACIFIC OFFICE**  
+60 3 272 201 40  
ASIAPACIFIC@EAGE.ORG

**LATIN AMERICA OFFICE**  
+57 1 7449566 EXT 116  
AMERICAS@EAGE.ORG

**HEAD OFFICE** • PO BOX 59 • 3990 DB HOUTEN • THE NETHERLANDS • +31 88 995 5055 • EAGE@EAGE.ORG

[www.eage.org](http://www.eage.org)



join us on social media!