



11th International Conference on Petroleum Geochemistry and Exploration in the Afro-Asian Region

11th AAAPG 2021

22-23 December 2021 | Virtual Mode

Theme

**Recent Advances in Petroleum Geochemistry for
Petroleum Exploration & Development**

Organised by

Association of Afro-Asian Petroleum Geochemists India Chapter

Co-organised by



For a better life on a greener planet

Energy And Environment Foundation

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Invitation



Dear Colleagues:

We are delighted to announce that **11th International Conference on Petroleum Geochemistry and Exploration in the Afro-Asian Region** in association with Energy And Environment Foundation with the support of the Ministry of Petroleum and Natural Gas, Government of India & NITI Aayog will be held from **22nd to 23rd December 2021 at Virtual Forum**. The theme of the Conference is **"Recent Advances in Petroleum Geochemistry for Petroleum Exploration & Development"**.

AAAPG 2021 is an international forum where the latest research and technological advances related to petroleum geochemistry and exploration in the Afro-Asian region will be presented and exchanged. The conference facilitates dialogue across the exploration community to tackle a wide range of oil & gas challenges ahead - from shaping the future of exploration industry policy to activating a successful transition around the world. The 11th AAAPG will result in an accelerated ongoing research on establishing robust petroleum geochemistry applications to ensure and enhance success of petroleum exploration and production in the Afro-Asian basins. The conference mission is to connect professionals the world over to catalyze relationships that transform the delivery, affordability, and research in the field of petroleum geochemistry and exploration.

At the AAAPG platform, the 11th International Conference on Petroleum Geochemistry and Exploration in the Afro-Asian Region reaches across the globe, public and private sectors to connect and inspire leaders of the exploration industry. The Conference is a unique space for the global geochemistry and exploration community to explore, build new global collaborative networking and forge new pathways in the geochemistry and exploration.

The 11th AAAPG offers all participants an opportunity to benefit from Plenary Lectures, Keynote Addresses, Review and Forecast Papers, Poster Presentations and Panel Discussions. The Exhibition segment will provide a window for the exposition of the latest developments in innovation, technologies, new equipments & devices and services in the geochemistry and exploration industry.

We cordially invite you and your peers to participate in the Conference and Expo. Your presence and valued participation is key to the success of the **11th AAAPG 2021**.

Look forward to welcome you and your colleagues for a stimulating exhilarating professional experience at 11th AAAPG 2021 in Virtual Mode.

Best regards.

Dr. Anil K Garg

Secretary General, 11th AAAPG 2021

CEO, Energy And Environment Foundation

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SCIENTIFIC TOPICS

BLOCK A: **EXPLORATION AND DEVELOPMENT CHALLENGES**

- Challenges of petroleum exploration and development in the countries of Afro-Asian region
- Integrated application of petroleum geochemistry to sustain and augment petroleum resources

BLOCK B: **GEOCHEMICAL PROSPECTING**

- Direct detection of hydrocarbons
- Mud Logging

BLOCK C: **GEOCHEMISTRY OF PETROLEUM SOURCE ROCKS**

- Kerogen characterization
- Evaluation of petroleum source rocks, source rock logging and source rock mapping
- Geochemical processes of oil and gas formation
- Expulsion and migration mechanisms
- Low maturity effective source rocks

BLOCK D: **GEOCHEMISTRY OF CRUDE OILS AND NATURAL GASES**

- Crude oil, condensate and natural gas characterization
- Biomarkers and stable isotope studies for genetic classification and correlations, age dating of crude oils and petroleum systems delineation
- Spatial trends in oil and gas composition, post expulsion alteration of oil and reconstruction of migration and accumulation pattern

BLOCK E: **GENETIC BASIN MODELING**

- Basin modeling for origin, migration and accumulation of petroleum and prioritization of prospective areas and geologically and geophysically mapped locales of petroleum occurrence

BLOCK F: **GEOCHEMICAL APPLICATIONS IN PRODUCTION AND RESERVOIR MANAGEMENT**

- Petroleum geochemistry in oil field production management
- Petroleum geochemistry in reservoir management

BLOCK G: **UNCONVENTIONAL HYDROCARBON RESOURCES**

- Application of petroleum geochemistry for unconventional hydrocarbon resources viz:, gas hydrates, basin centric gases, coal bed methane, shale oil and shale gas

BLOCK H: **ANALYTICAL TECHNIQUES**

- Emerging geochemical analytical techniques for characterization of sedimentary organic matter, crude oil and natural gas
- Novel geochemical concepts, indices and methods

BLOCK I: **BIOGEOCHEMISTRY AND ENVIRONMENTS**

- Preservation of biolipids in sedimentary environments
- Formation of kerogen in sedimentary environments
- Environmental geochemistry and biogeochemical sequestration of green house gases

ABSTRACT SUBMISSION

Participants are invited to submit an abstract of one page in length. Official language is **English**. Abstracts must be in word/pdf format through the standard abstract format with at most one figure or table, and shall be sent in electronic form no later than **November 15, 2021**. Abstracts shall be submitted through the email dranilgarg2011@gmail.com

IMPORTANT DATES

August 1, 2021	:	Registration and Abstract Submission open
November 15, 2021	:	Abstract Submission deadline
November 30, 2021	:	Abstract Acceptance Notification
December 22-23, 2021	:	Conference Sessions (2 days)

REGISTRATION

	<u>National</u>	<u>International</u>
Industry / Academia	: INR 12000	USD 300
Students	: INR 6000	USD 100

Plus 18% GST

For Electronic Transfer

Account Name	: Energy And Environment Foundation	
Account Number	: 629705015384	IFSC Code : ICIC0006297
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Retrospect of AAAPG International Conferences The Association of Afro-Asian Petroleum Geochemists (AAAPG)

First AAAPG Conference	Dehradun, India 1985
Second AAAPG Conference	Beijing, China 1988
Third AAAPG Conference	Melbourne, Australia 1992
Fourth AAAPG Conference	Arusha, Tanzania 1996
Fifth AAAPG Conference	New Delhi, India 2000
Sixth AAAPG Conference	Beijing, China 2004
Seventh AAAPG Conference	Abuja, Nigeria 2007-2008
Eight AAAPG Conference	Hangzhou, China 2012
Ninth AAAPG Conference	Bandung, Indonesia 2016
Tenth AAAPG Conference	Guangzhou, China 2019

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