



The Oil Drop e-Newsletter

Issue # 1

4th September 2016

A bi-monthly electronic newsletter designed to update members with the latest news and events of the society and to raise technical and professional awareness.

President Welcome Message : Dr. Mohammed Alhussain



It is a great honor and privilege to serve as the 2016-2017 President of the Dhahran Geoscience Society (DGS). I would like to thank both members and sponsors for their continuous support and dedication to the society. During the term of my appointment, I plan to continue the DGS legacy of enhancing the technical and professional development of its members in geology, geophysics and related sciences. This will continue to focus on the exploration for, and development of, petroleum and mineral resources. I will continue to strive for technical excellence, enriching the Young Professional (YP) program and field trips, strengthening our outreach program to promote DGS locally and internationally while also establishing closer collaborations with our affiliated societies. This year a diverse program of activities will be available to our members and the DGS executive committee would like to urge you to take full advantage of the many opportunities that the society offers. DGS will continue to inspire young geoscientists to be proactive in the work environment and accelerate their learning curve to reduce the knowledge gap between young and experienced geoscientists, and develop a culture of innovation and idea sharing.

I look forward to working with you and encourage you to take a proactive role in getting involved in the society by supporting and participating in our functions. Our priorities are to strengthen the DGS membership and to serve our members and community as best as we can. I also encourage you to take interest in the governance of the society by providing your feedback and suggestions to take our society forward.

2016-2017 Elected Executive Committee



Led by the current DGS President, Mohammed Alhussain (middle back row), eleven elected members of the executive committee have assumed their duties for the current term (2016-2017) as follows; the president elect Abdulaziz Almuheidib, Mohammed Duhailan as the vice president, Imran Abdul Rauf as the webmaster, Mohammed Abu Alnasas the treasurer, Mai Al-Mansour as the membership liaison, Maha Suwaidi as the secretary, Hussain Qattan as the student officer, Emad Al-Hemyari as the publications officer, Yasmina Kechida as the field trip officer, Musa Modrra as the professional meetings officer, Fawwaz Khaldi as the professional development officer, and last but not least, Yara Garoot as the young professionals officer.

2015-2016 Executive Committee Recognition Ceremony

Dhahran Geoscience Society held its annual recognition ceremony on Sunday June 5th at the EXPEC Auditorium. The event started with an overview of DGS 2015-2016 activities covering dinner and technical luncheon meetings, field trips, young professional and student social activities and publications. Dr. Mohammed Al-Bannagi, president of DGS, addressed the audience with his DGS experience throughout the term, focusing on top achievements and lessons learned. This year, a total of 33 recipients, including 13 members of the 2016 DGS executive committee, were honored for their significant contribution and commitment to DGS. Additionally, 15 members were recognized for their contributions to the DGS young professional section, distinguished lecturer program, GEO2016, field trips, and DGS publications. DGS valued sponsors were also recognized for their generous and continued support.



In closing the ceremony, Mr. Misfir Alzahrani (General Manager of Prospect Portfolio Development), emphasized the role of DGS as a local professional society and the opportunities it provides to young members to build their professional network and develop their technical and leadership skills.

Providing Exciting and Innovative Programs for Members in Saudi Arabia

The Dhahran Geoscience Society (DGS) is a nonprofit organization founded in 1987 by a group of enthusiastic geologists who anticipated the need for a platform to share technical ideas and promote professional development within the local oil and gas exploration community. The founders, Abdullah Al-Naim, Hussain Al-Otaibi, and Rami Kamal, originally named the society the Dhahran Geological Society. However, in 1998 DGS became known as the Dhahran Geoscience Society in its transformation to a multidisciplinary organization encompassing geology, geophysics, and related sciences. The main mission of DGS is to provide technical and professional development for its members in the domain of exploration for, and development of, petroleum and mineral resources within Saudi Arabia. DGS memberships has increased constantly over the years, reaching 2,400 members with more than half currently active. As part of its remit, the DGS organizes regular monthly dinner and technical luncheon meetings in which keynote speakers are invited. The meetings have featured renowned scientists and executives from academia and industry. In addition, DGS places an emphasis on young professional and student members by designing special events and programs to fulfill their aspirations. To nurture and cultivate scientific development within the geoscience community, DGS organizes and sponsors specialized workshops on a variety of technical topics and cosponsors the quarterly peer-reviewed journal, GeoArabia.

As the percentage of young geoscientists continues to rise, the DGS identified the need to form a young professional section (DGS-YP) to help young geoscientists develop the technical and professional skills needed by the industry. The DGS-YP, which is divided into three groups (career advancement program, innovation challenge and network program), serves as an active resource in providing the necessary tools to engage, inspire, and empower young professionals. Regular educational days and international Distinguished Lecturer Programs (DLPs) are organized by the society, including its own DLP covering diverse topics of geoscience shared with local universities. Recent DLPs for local universities have included topics on the ‘exploration journey’ and ‘Biosteering the Upper Permian Khuff-C reservoirs in Saudi Arabia’, presented by Mamadou Diallo and Abdullah Dhubeeb of Saudi Aramco respectively. To support student members, all DGS organized activities are provided at no additional cost and talented students are sponsored every year to attend local and international conferences, workshops, and courses. For example, DGS has been leading the annual SEG Middle East Challenge Bowl competition since 2006, where the winning team is sponsored by DGS to represent the Middle East at the SEG Annual Meeting.

DGS has always been proactive internationally through affiliations with major professional societies, such as SEG, AAPG, and EAGE. The collaboration with SEG is of a special nature as DGS became a member of the SEG Middle East advisory committee in 2014. Furthermore, since 2014 SEG and DGS have partnered to organize a near-surface modeling and imaging workshop in Bahrain alongside the Middle East Geosciences Conference and Exhibition (GEO), including at GEO 2016 which took place earlier this year. .. As part of the DGS program during GEO 2016, a two-day short course by Mesbah Khalil on “The Tectonics of the Arabian Plate Petroleum Systems from Basin to Prospect and Field Scales” was held, in addition to several sessions of a core workshop on “Process-based Depositional and Stratigraphic Architecture” by Saad Awwad and Abdullah Dhubeeb..

Read the full length LTE article: <http://library.seg.org/doi/full/10.1190/tle35020204.1>



DGS Field Trips

Field trips, both inside and outside the Kingdom, form an integral part of the DGS commitment to enhance member's knowledge in the geosciences. Each year, a number of exciting trips are offered by the society at local and international locations, providing members with the opportunity to broaden their awareness of different areas and gain valuable field experience. On one such trip, led by Cvetan Sinadivski of EXPEC ARC, a group of 21 DGS members embarked on a visit to the Republic of Macedonia, combining a technical visit to the Institute of Geophysics of Skopje with interesting geology and history. In the coming year, members will have the chance to discover the land of Kilimanjaro on the trip of a lifetime that will include visits to the Ngorongoro Crater, Serengeti Plain and Lake Ndutu. The major geological features of the East African Rift valley and archaeological sites at Olduvai Gorge will be a part of the program run by geologist Saidi Hassani. Closer to home, a field trip dedicated to the geology of the Dammam Dome is offered each year by Dr. Dave Cantrell. This is a trip not to be missed and includes an overview of the history of oil development in the region along with an invaluable opportunity to visit different outcrops in the area. Many other local trips are coming soon including Mada'in Saleh, where geology meet archeology, and the Wahbah Crater to travel in the heart of a volcano. Trips to the Hofuf area will also be organized with the great help of Sadeg Jubran to discover the treasures of the Eastern Province.



August Technical Luncheon: Time-Lapse FWI with Application to Geomechanical Monitoring by Prof. Biondo L. Biondi



Biondo L. Biondi is a professor of geophysics at Stanford University. He is the director of the Stanford Exploration Project (SEP). Biondo has made numerous contributions in several aspects of seismic imaging, ranging from velocity estimation to parallel algorithms for seismic migration. He graduated from Politecnico di Milano in 1984 and received an MS (1988) and a PhD (1990) in geophysics from Stanford. He is a member of the Society of Exploration Geophysicist (SEG), the European Association of Geoscientist and Engineers (EAGE), and the American Geophysical Union (AGU). Part of the technical luncheon program, Prof. Biondi was invited by DGS to give a technical talk titled "Time-Lapse FWI with Application to Geomechanical Monitoring" on 30th August 2016 at Dhahran International Hotel. The talk was followed by lunch with record attendance of 156 professionals from the oil industry, Saudi ARAMCO, KFUPM faculty and students. DGS organizes regular monthly dinner and technical luncheon meetings in which keynote speakers are invited. The meetings feature renowned scientists and executives from academia and industry.

DGS Sponsored Course: SEG Distinguished Instructor Short Course (DISC): 3C Seismic and VSP: Converted Waves and Vector Wavefield Applications by James Gaiser

SEG 2016 DISC course will give an overview of 3C seismic theory and practical application: from fundamentals of PS-waves and VSPs,



The one day short course will be organized on 30th November 2016 in Carleton Al Moaibed Hotel – Al Khobar. For registration please visit: www.seg.org/disc.

Membership Update

Membership of the Dhahran Geoscience Society is open to all Eastern Province geoscientists. The Dhahran Geoscience Society is an affiliated society of AAPG, EAGE & SEG. If you are interested in joining DGS, please complete the online application form at <http://dgsonline.org/register>. If you are already registered, please update your contact information at <http://dgsonline.org/profile>. For more enquiries about membership, please contact the membership liaison:

Location	Name	Phone	Office	Email
EXPEC I, Saudi Aramco Core Area, Dhahran	Mai Al-Mansour	+966 13 873-6950	X-2445, Floor 2	membership@dgsonline.org

Upcoming Events, Announcements & Important Dates

DGS Article Club deadline for submitting articles	8 September 2016
Tanzania Field Trip	9-17 September 2016
Dammam Dome Geological Field Trip	22 October 2016
October Dinner Meeting : Mr. Awadh Al-Maker, SABIC Executive VP of Technology & Innovation	25 October 2016
October Technical Luncheon	To Be Announced
SEG DISC : 3C Seismic and VSP: Converted Waves and Vector Wavefield Applications	30 November 2016

Gold Sponsors



Affiliations



To view and download a soft copy, visit DGS news website:
<http://dgsonline.org/news>

For correspondence with the publications officer (Emad Al-Hemyari), please write to:
publications@dgsonline.org

 **DGS**
DHAHRAN
GEOSCIENCE SOCIETY

Get Involved
Become a Volunteer
Contact: volunteer@dgsonline.org



This e-newsletter was sent to all DGS subscribed members. [Unsubscribe](#)