

International Conference

on

**Geoscience for Society
(GeoSoc)**

Conference Venue

**Bangladesh Shilpakala Academy
Segunbagicha, Dhaka, Bangladesh**

March 14-17, 2019

Organized by

Association of Geoscientists for International Development (AGID)
Geological Survey of Bangladesh (GSB)
International Geoscience Education Organization (IGEO)
International Union of Geological Science (IUGS)
South Asian Association of Women Geoscientists (SAAWG)
Society of Economic Geologists and Mineral Technologists (SEGMITE)

In association with

Association of African Women Geoscientists (AAWG)
Gondwana Institute for Geology and Environment (GIGE)
Geological Society of Africa (GSAf)
International Association for Gondwana Research (IAGR)
International Association for Promoting Geoethics (IAPG)
Indian Geological Congress (IGC)

Worldwide geoscientists are cordially invited to attend the Dhaka Event 'GeoSoc' to be held in March 14-17, 2019. Your attendance and scientific contribution will make the event a success. After circulating the first announcement, a good number of foreign geoscientists have expressed their interest to attend the conference. A short note on organizers and associated organizers of GeoSoc are given below.

AGID (Association of Geoscientists for International Development) was founded in Canada in 1974 by a small group of geoscientists with the thought that geoscience and geoscientists could play more active role in international development. AGID provides with continuous forum for exchanging ideas, experience and information concerning with the role of geoscience in worldwide development activities. Therefore, aims of AGID are to promote application of geoscience knowledge for sustainable development and improve quality of life emphasizing on society of developing world. AGID has organized/sponsored about 300 geoscience projects in Asia, Africa, Latin America, North America, Europe, Australia and the Pacific. Website: www.bgs.ac.uk/agid

GSB (Geological Survey of Bangladesh) is research based national organization under the Ministry of Power, Energy and Mineral Resources, Government of the People's Republic of Bangladesh. Exploring mineral resources and carrying out geoscience research works are the objectives of GSB. It renders advisory services to the Government and other organizations in defining and formulating policy regarding conserving resources and environment for the development of the nation. For finding a good number of mineral resources, especially for discovering rich coal fields GSB was honored by an Independence Day Award 1994 of Bangladesh in the field of science and technology. Website: www.gsb.gov.bd

IGEO - The International Geoscience Education Organization (www.geosced.org/) was formed in 2000, Sydney. Its objectives are to promote geoscience education at all levels, enhance the quality of geoscience education internationally and encourage development of public awareness of geoscience, particularly amongst young generation. In achieving these objectives, IGEO monitors international provision of geoscience education and fosters communication among geoscience educators worldwide. It liaises with professional bodies concerned with geoscience education. IGEO organizes the quadrennial international conference on GEOSCIENCE EDUCATION, and the annual International Earth Science Olympiad. Affiliated with IUGS, it actively participates in the International Geological Congress – a scientific program of IUGS.

IUGS (International Union of Geological Sciences), the largest professional geoscience or earth science organization formed in 1961, represents world geoscience community through its 121 national and regional adhering and about 60 affiliated bodies. It encourages cooperation and participation in geoscience with a view to understanding earth process and earth resource in relation to human welfare. IUGS achieves its objectives through two major scientific programs- IGCP (International Geoscience Program) in which millions of worldwide geoscientists involve by IGCP projects and IGC (International Geological Congress) where thousands of world geoscientists attend to present their scientific contribution every 4-year interval. Website: www.iugs.org

SAAWG (South Asian Association of Women Geoscientists) was founded by AGID as outcome of GeoHost Award to AGID Group for performing AGID's scientific activities at the 35th IGC Platform in Cape Town, South Africa in 2016. The mission and vision of SAAWG are to empower women geoscientists through knowledge based capacity building, skill development in field work and also to encourage, enhance and recognize their activities, efficiencies & worldwide representations in the field of geoscience. SAAWG would advocate safety and security of women working in geoscience and therefore discourage any sort of gender discrimination and harassment. Website: www.saawg-agid.org

SEGMITE (Society of Economic Geologists and Mineral Technologists) is a registered, non-profit and non-government organization founded in Peshawar in 1989. Society aims to strive for sustainable development for water and mineral resources, mining and fuel industries in Pakistan and other countries. SEGMITE provides a forum for geoscientists / engineers / environmentalists and those engaged in enterprises related to these sectors of economy. The Society has a large number of Life Members and Corporate Members from Pakistan and abroad. It also publishes Quarterly (Online) International Journal of Economic and Environmental Geology (www.econ.envoron-geol.org). Membership form is available on its website (www.segmite.org).

AAWG (African Association of Women in Geosciences): During geological meetings, the participation of women geoscientists was noticed and raised as a concern. In order to help to rectify this discrepancy, a decision was taken to form an association in order to encourage women geoscientists in Earth Sciences related conferences and to inform about or become involved in gender issues related to the Earth Sciences. In 1995, African Association of Women in Geosciences was born in Nairobi, Kenya. The mission of the association is to promote Earth Sciences for Society and to promote women through numerous activities. Website: www.aawg.org

GIGE (Gondwana Institute for Geology and Environment) is a non-governmental and non-profit international organization with the main office located in Hashimoto, Japan and several chapters in Gondwana countries. Main objectives of GIGE includes: i) to improve knowledge on geology, environment and natural hazard of Gondwanan areas. ii) to improve and enhance international collaborations and understandings among people and societies mostly related with the above activities, and iii) to improve educational and research environments related with geosciences in Gondwanan countries. GIGE was inaugurated in 2001 and since then continuously actively conducting activities following the above objectives.

GSaf (Geological Society of Africa) is the Pan African Geoscience Society established in 1973 with objectives of promoting African geosciences by encouraging and supporting research, education & training programs, conferences & meetings; establishing national societies; developing mineral-water-hydrocarbon resources for environmental sustainability and thus improving socio-economic conditions of the African continent Serves as channel for expressing views of African geoscientists, encouraging the highest standards professional competence and conducting geoscience practice with ethics. Publish high standard journal like Journal of African Earth Sciences (JAES). The permanent secretariat is at the Faculty of Natural Sciences, Addis Ababa University, Ethiopia.

IAGR (International Association for Gondwana Research) is a non-governmental and non-profit international organization with the main office located in Beijing, China. Main objectives of IAGR includes: i) to provide a common scientific forum for the integration and exchange of geoscientific information, particularly from Gondwana terrains for the benefit of humanity ii) to exchange and promote scientific research and academic pursuit on Gondwana, particularly in developing countries. iii) to help in developing guidelines and policies for resource identification, utilization and environmental management in Gondwanan terrains. IAGR was established in 1995 and since then has continuously been conducting activities following the above objectives and publishing its official journal Gondwana Research.

IAPG (International Association for Promoting Geoethics) is a multidisciplinary, scientific platform for widening the discussion and creating awareness about problems of Ethics applied to the Geosciences. IAPG is legally recognized as non-profit association, with 2000 members in 124 countries, and a network of 30 national sections. IAPG promotes geoethics through the international collaboration assured by affiliations, agreements for cooperation and partnerships with numerous geoscience organizations. Documents, articles, books and tools produced can be freely downloaded from the IAPG website (www.geoethics.org): among them, the Cape Town Statement on Geoethics and the White Paper on Responsible Mining.

ICG (Indian Geological Congress), although founded in 1976, watershed in the history of its real growth and development had been 1986. Today, it's front runner amongst the earthsciences societies in India. Its various activities are divided into six core areas: (i) service to fraternity, (ii) service to earth sciences, (iii) harvesting & disseminating knowledge in geosciences, (iv) organizing forums for debate and upfront discussion on tropical issues, (v) awareness creation and (vi) talent generation from among young scientists. Well-furnished modern secretariat with latest information technology gadgets and monetary corpus for sustainable activities are its hard built-up assets.

Objective of Dhaka Event ‘GeoSoc’

Development of urbanization, industrialization and civilization as a whole depend on earth resources like mineral, water and soil. These resources come from earth’s components- atmosphere, hydrosphere, lithosphere & biosphere- the Earth System Science. But any change of these components causes geo-hazards which may even ruin the entire civilization. These all are subject matters of geosciences or earth sciences.

Geosciences is an intuitive and constantly changing science, and therefore geoscientists must have up to date knowledge of this field and a good concept of earth’s components, earth resources and geo-hazards to discover hidden resources, utilize those resources properly and deal with hazardous impacts on society efficiently. This is possible by carrying out extensive research on these areas and applying the research findings for the welfare of the society. So, the objectives of GeoSoc-2019 are as usual to gather innovative ideas & information from geoscientists involved worldwide with earth & earth resources, development activities, geo-hazard, environmental ecosystems and geoeducation.

One of the aims of GeoSoc is to promote SAAWG by enhancing and encouraging participation of women geoscientists. This event has an intention to publish standard proceedings with high number of contributions from women geoscientists which will be the good achievement in establishing SAAWG. It’s an AGID’s pleasure to mention that during the 35th IGC in Cape Town, S. Africa 2016, GeoHost Chairperson Prof. Jennette McGill announced the formation of SAAWG under the umbrella of AGID in presence of about 5 thousands worldwide geoscientists at the Closing Ceremony of 35th IGC as outcome of GeoHost Award to AGID Group for performing AGID scientific activities at the IGC Platform.

It is greatly anticipated that geoscientists from around the world, including women geoscientists, will come forward to develop and expand the activities of SAAWG, thus strengthening its existence.

Themes

A. Geoscience Education

- Necessity of Geosciences Curricula at Pre-University level of education
- Public understanding of Geosciences Knowledge
- Earth Science Knowledge – a Multidisciplinary Approach in Environmental Protection
- Promoting Geosciences Education and Awareness for the Welfare of the Society
- New approaches in Geosciences Education and Research

B. Geo-Resources, Energy and Mineral based Industries

- Exploration, Exploitation and Management of Geo-Resources
- Industrial Minerals and Mineral based Industries
- Oil & Gas Crisis and Researching alternative sources
- Coal and its future as Primary Energy Resources
- Water Resources Management and Assurance of Water Quality

C. Geosciences in Developing Activities and Disaster Risk Reduction

- Site selection for Cities, Industries and Highways, dams, bridges etc.
- Geo-planning for Urban Development & Infrastructure and protecting Ecosystem
- Impact of Development activities on Natural Environment and its Remedy
- Geological Surveys, NGO, Private & Public Sectors in Disaster Risk Mitigation
- Climate change, Ecology and Biodiversity

D. Women in Geosciences

- Women geoscientists in resource development, geosciences education and research
- Women participation in geo-development activities is much low – Why?
- Role of Govt. agencies to encourage women participation in geosciences
- Contribution of women geoscientists in mining and petroleum sector
- Women in environment protection & popularizing geosciences for the welfare of a society

Call for Paper

Papers are invited from worldwide geoscientists for presentation at 'GeoSoc-2019'. The paper will not exceed 10 pages along with abstract within 500 words, figures, tables and list of references in Type-script and on A4 size paper. Papers should be sent to the Convener by e-mail.

Guidelines for Paper

Language: English

Title: 14 font, caps-small. Times New Roman; Text: 10 font, Margin: L-2.54 cm; R-2 cm.

Author(s) name : 12 point font cap -small. Figure: Within text; caption at the bottom.

Affiliation: 10 point font, cap -small. Top: 1st. page 3cm; other pages-2cm; Bottom-2cm.

Headlines: 12 point font, cap -small, bold. Poster size: Length 120 cm; width 90 cm.

Figures and photographs: B&W and line works: at least 300 dpi

Publication

Abstract volume will be distributed during the conference. Full papers will be published as standard Proceeding reviewed by the Editorial Board. Souvenir volume, containing detail programme of the conference; list of participants; advertisements received from home and abroad along with the lists of advertising / sponsoring /exhibiting organizations, will also be distributed. It may be noted that Proceedings of NESDA conference (2003) and limited number of Proceedings of GeoDev conference (2009) will be available at the registration desk, on first come first serve basis, only for the author(s).

Registration Fee

A. Conference	B. Exhibition Stall (?)	C. Field Excursion
<p>◆ Foreign Participant</p> <ul style="list-style-type: none"> * Developed Countries: US\$ 450 Accompanying Person: US\$ 300 * Developing Countries: US\$ 350 Accompanying Person: US\$ 200 * Living in Bangladesh: US\$ 50 * Students Participant: US\$ 250 <p>◆ Bangladeshi Participant: BDT 2000</p> <ul style="list-style-type: none"> * Bangladeshi Student: BDT 1000 	<p>Stall Size: 3 x 3 sq. metre</p> <p>Stall Fee for -</p> <p>Foreign Exhibitors: US\$ 300</p> <p>BD Exhibitors: BDT 25,000/-</p>	<p>Field excursion to Narshingdi</p> <p>i) 1st day – Educational & industrial Complex, Belabo Gas Field, Wari-Bateshwar Archaeological Site</p> <p>ii) 2nd day – River Cruise</p> <p>Cost : BDT. 2000 per person (both for foreign & local)</p>

*AGID may waive/ cover registration fee of local geoscience student presenters especially in case of girl to encourage them

Tentative Programmes

Date/Day	09.00 - 10.00/ 10.00 – 11.15	11.15-11.30	11.30-13.00	13.00-14.00	14.00-16.00	16.00-16.30	16.30 –18.00
14 March Thursday	Registration / Opening Ceremony	Refreshment	Scientific Session	Lunch break	Scientific Session	Tea break	Scientific Session
	09.00 -11.00	11.00 – 11.30	11.30-13.00	13.00-14.00	14.00-1600	16.00-16.30	16.30-18.00
15 March Friday	Scientific Session	Tea break	Scientific Session	Lunch break	Scientific Session	Tea break	Closing Ceremony / Cultural Show
16 March Saturday	Start for Field excursion to Narshingdi	Visit to Educational & industrial Complex		Lunch	Visit to , Belabo Gas Field and Wari-Bateshwar Archaeological Site	Dinner & Night stay in Narshingdi	
17 March Sunday	Day long River Cruise	River Cruise Breakfast (8.30-09.00), Lunch (13.00-14.00) and Light refreshment (16.00-16.30)					Return to Dhaka

Accommodation

Accommodation expenses for all foreign participants during the conference in Dhaka are included in the registration fee excluding foreigners living in Bangladesh.

Important Dates

- Submission of Abstract **by November 2018**
- Submission of full paper as soft copy **by 15 December 2018**
- Official Invitation Letter will be sent by **December 2018**

Transport Facilities

Local: Free transportation will be provided for foreign delegates from Shahjalal International airport to hotel on arrival and also from hotel to the airport at the time of departure.

International: Biman Bangladesh Airlines is the Official Airlines of GeoSoc with 25% discount on all available system fare to avail from different points of Biman network for the delegates to attend the GeoSoc conference in Dhaka from 14-17 March 2019.

Tickets on discounted fares are to be collected directly from Biman counter without involving any agents and delegates will have to present their invitation letter at Biman Counter as evidence, a copy of which will be retained for their record. This fare excludes applicable taxes payable at the time of ticketing.

Foreign delegates are requested to contact Biman counter well in advance for reservation and ticketing formalities.

Host Country – Bangladesh

Bangladesh is a part of Bengal Basin – the largest delta of the world built up by the three major river system – the Ganges, the Meghna and the Brahmaputra. The country is a land of beauty with evergreen vegetation, lush green paddy fields, networks of interconnected rivers and channels, long sandy beach and hilly terrains. Thick Recent Alluvium covers 80% of the country and Pleistocene paleo-soil and Tertiary sedimentary rock occupy the rest. Panoramic views of the south-eastern coastal part, **the Cox's Bazaar Sea Beach**, the largest unbroken beach of the world and the south-western part, UNESCO declared world heritage **the Sundarban** are the attraction for tourism. Architectural beauty of the **Jumuna Bridge**, the longest one across the Jamuna river on the north-western part of the country is another attraction for tourism. Natural gas, coal, peat, hard rock, limestone, glass sand, white clay and mineral sands are mineral deposits of the country.

Dhaka is the capital city of Bangladesh, founded in 1608 as the seat of the Imperial Mughal Viceroys of Bengal, stands on the bank of River Buriganga. This city is densely populated having many modern and ancient architectural buildings and historical places like **the Lalbagh Fort, the Ahsan Manzil, Bolda Garden, National Museum**, Dhaka University, **Baitul Mukarram Mosque**, National Zoo, Botanical Garden, Suhrawardy Uddan (Garden), Chandrima Uddan (Garden), **National Assembly Complex (Jatiyo Sangshad--National Parliament Complex)**; Ramna Green and Bangla Academy which attracts tourists. The **Shonargaon Folk Arts & Craft Museum** and **the Savar Sriti Shoudha** (National Mausoleum) 29 and 30 km away from Dhaka are also attractive for tourism.

Addresses for Correspondence

International:

Convener, GeoSoc
Ms. Afia Akhtar
President, AGID & SAAWG
Former Director General, GSB
<afia@agni.com>

Local:

Co-Convener, GeoSoc
Director General, GSB
<geologicalsurvebd@gmail.com>

Co-Convener, GeoSoc
Md. Abdul Aziz Khan
Member, BERC
<mdabdul_azizkhan@yahoo.com>

Member Secretary, GeoSoc
Director, GSB
Mohammad Abdul Aziz Patwary
<azizpatwary@yahoo.com>

Registration Form

(to be sent by email within November 15, 2018)

Name: -----

Affiliation: -----

Address:-----

Country-----Email:-----

Fax: -----Phone:-----

I am interested to i) Attend ----- ii) Present paper-----

iii) Poster presentation----- --iv) Attend field trip-----

I shall be accompanied by: Spouse-----Children-----Friends-----

Title of paper(s):

1. -----

2. -----

3. -----

Attendance: Confirm-----Probable-----Uncertain-----

Registration Fee:

Category of participants	Registration Fee	Category of participants	Registration Fee
Foreign:		Bangladesh	
Developed countries			
i) Participant	US\$ 430	i) Participant	BDT 2000
ii) Accompanying person	US\$ 300	ii) Accompanying person	BDT 2000
Developing countries		Student	
i) Participant	US\$ 350	i) Foreign student	US\$ 250
ii) Accompanying person	US\$ 200	ii) Bangladesh student	BDT 1000

Number of participants-----Total payment of Registration Fee-----US\$ / BDT

Field Excursion:

Excursion Area	Excursion Fee per Person	Number of participant(s)	Total payment
(i) Educational and Industrial Complex at Narshingdi, (ii) Belabo Gas Field, (iii) Wari-Bateshwar Archaeological Site, Narshingdi and (iv) River Cruise	BDT 2000 for all (foreigner and Bangladeshi participants)		

Note: All payments are preferable in cash at the Registration Desk during the conference.

Signature-----**Date**-----

(Photocopies will be accepted)

Scientific and Industrial (S&I) Exhibition

Facilities will be provided for displaying natural resources and their by products, technology, technological services during the period of conference at the conference venue. Conference venue is the ideal platform for exhibitors in getting a chance to establish contact, exchange experiences and explore business opportunities for all that associated with exploration and exploring and exploiting natural resources, computer services, laboratory equipments, information technologies and consultancies. Interested persons and companies are requested to fill up the Registration Form enclosed herewith for taking part at the scientific and industrial exhibition. Please send the Form dully filled in to the Convener of GeoSoc by email.

Registration Form for S&I Exhibition

(To be sent by email to the Convener within -----2018)

Name of the Company: -----

Address: -----

-----Province-----Country-----

-----Email:-----Fax:-----Phone:-----

Name of Exhibitor: -----

Designation and Position: -----

Displaying products: -----

Size of Exhibition Stall / Both	Category	Fee for each exhibition stall	Number of stall	Total payment US\$ / BDT
3 x 3 meter	Foreign Country	US\$ 300		
	Host country, Bangladesh	BDT 25,000/-		

Note: All payments are preferable in cash at the Registration Desk during the conference.

Signature: -----Date: -----

Special Attention: This scientific exhibition is a part of the conference and therefore, Exhibitors are requested to register themselves to take part at the conference in order to book the Exhibition Stall(s) for displaying their materials.

(Photocopies will be accepted)