

The Society of Exploration Geophysicists of Japan

SEGJ
70th
ANNIVERSARY



THE 70TH ANNIVERSARY REVIEW
THE SOCIETY OF EXPLORATION GEOPHYSICISTS OF JAPAN (SEGJ)

Brief Review

The Society of Exploration Geophysicists of Japan (SEGJ) was established in May 1948 with the objectives to promote the science and technology of geophysical exploration as well as to encourage mutual communication among the members.

SEGJ was initially composed of 416 individual members and 18 corporate members. Dr. Kumiji Iida was appointed as the first president. The first issue of the journal "Butsuri-Tanko (Geophysical Exploration)" was published just a month after the establishment. The office of the Society was situated in the Geological Survey of Japan (GSJ) in Kawasaki at first.

The Society has grown with development of geophysical technologies in Japan. The journal was renamed "Butsuri-Tansa" in 1986. The office was moved to Takanawa, Minato-ku, Tokyo in 1979, moved to Nakamagome, Ota-ku, Tokyo in 1987, and then moved to current location in Higashi-kanda, Chiyoda-ku, Tokyo, in 2006.

Obtaining an approval from the Ministry of Education, Culture, Sports, Science and Technology (MEXT), SEGJ was reorganized as a general incorporated association in 2001, and then as a public interest incorporated association in 2013. SEGJ has been responsible in promoting exploration activities and information dissemination in public as well. And SEGJ now reinforces the activities for the disaster prevention and

control and maintenance of social infrastructure as the public service.

Activating international cooperation, SEGJ currently has association agreement with the Society of Exploration Geophysicists (SEG), the European Association of Geoscientists & Engineers (EAGE), the Australian SEG (ASEG), the Korean SEG (KSEG), the Environmental and Engineering Geophysical Society (EEGS), Vietnam Association of Geophysicists (VAG), the Society of Petroleum Geophysicists China (SPG), and the Indonesian Association of Geophysicists (HAGI). In cooperation with ASEG and KSEG, SEGJ started to publish an English version journal in 2004. Since then, those three societies jointly began to publish a special issue of the journal once a year, and published eight issues. And six issues are now published each year online and some issues include special sections of particular topics.

In 2009, SEGJ introduced a quarterly publication titled "Butsuri-Tansa News" (Geophysical Exploration News) to deepen the understanding of geophysical exploration technologies among not only SEGJ members but also the general public. For the convenient distribution of academic information in this field, the journal "Butsuri-Tansa" (Geophysical Exploration) was digitalized in 2017.

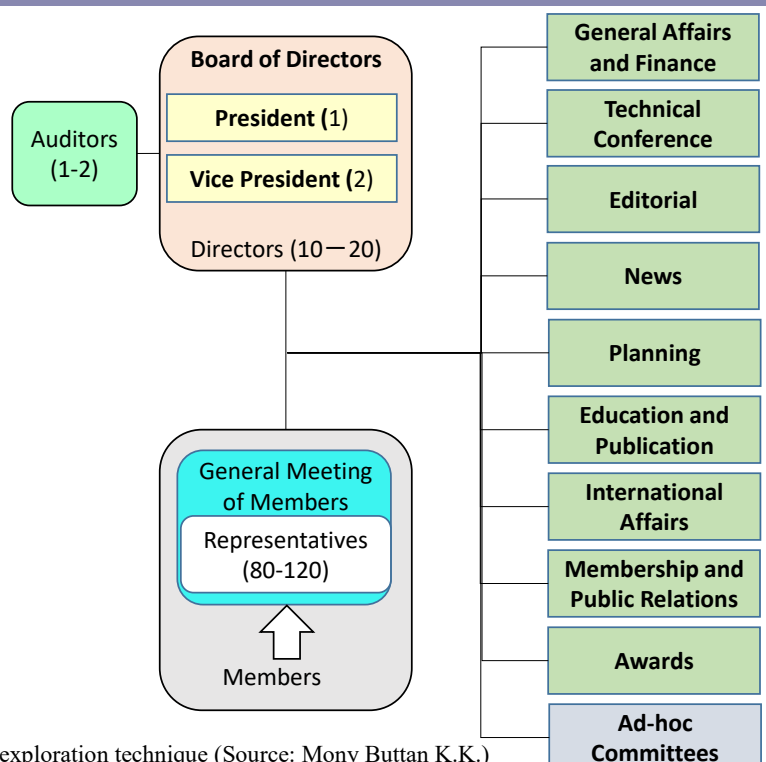
Organization

SEGJ consists of its members who have experiences in geophysical exploration and related fields, and members who support the activities of the Society. The President represents the Society.

The General Meeting of Members is the legislative body of the Society. SEGJ holds an Annual General Meeting every year, and the President summons a Special General Meeting, when necessary.

The Representatives consists of 80 – 120 persons, who are elected by all Active Members. The Officers of the Society are 10 – 20 Directors and one or two Auditors, who are elected by votes of the Representatives on the General Meeting. The President and two Vice-Presidents are elected by mutual votes of the Directors. The Directors form the Board of Directors, and the Board executes the duties of the Society. The Auditors inspect the administrative and financial matters of the Society.

Nine standing committees take partial charge of the affairs of the Society. Ad-hoc committees are set up when needed.



Cover, acknowledgement

- [Top Left] National route investigation by hybrid surface-wave exploration technique (Source: Mony Buttan K.K.)
- [Center Left] Jigokudani investigation by a drone (Source: Matsushima Co., Ltd.)
- [Bottom Left] Vibroseis seismic operation (Source: JGI, Inc.)
- [Top Right] Seismic survey by the deep sea research vessel KAIREI (Source: JAMSTEC)
- [Center Right] Tsunami victims search operation by GPR "YAKUMO" developed by Tohoku University (Source: Tohoku University)
- [Bottom Right] High-resolution S-Wave reflection survey by Land Streamer (Source: Suncoch Consultants Co., Ltd.)

Activities

SEGJ is conducting various activities for promoting geophysical exploration and for accelerating information exchange with other societies in Japan and overseas. Such activities include the followings.

Education Program: Geophysical Seminar, started in 1985, is a 3-day education course consisting lectures on fundamental techniques and applications of exploration geophysics. Other education programs, including One-Day Seminar and Campus Visit, are also held routinely.



Research Group: Research Groups are formed for conducting researches and holding technical meetings on specific topics which draw the interest of many members of the Society. Research groups on civil engineering, electrical methods, earthquake and disaster prevention are currently active. Also SEGJ will set up Research Group on a specified theme.

International Cooperation: With co-sponsorship of foreign geophysical societies, SEGJ has held SEGJ International Symposium periodically since 1990. The 12th symposium was held in November 2015 and the 13th symposium is scheduled to be held in November 2018. SEGJ keeps close cooperation with

overseas societies by exchanging the journals and attending the conferences with each other.

Education Programs Hosted in Japan by Overseas Societies: The Society of Exploration Geophysicists (SEG) and the European Association of Geoscientists & Engineers (EAGE) have been invited to Japan to present their education programs. This endeavor is supported by SEGJ for promotion, advertisement, and executive operations.

Social Contributions: SEGJ engages in funded researches to make social contributions through R&D and application development of geophysical exploration technologies. SEGJ also offers free public lectures to create opportunities of outreach activities targeting both youth and adults.



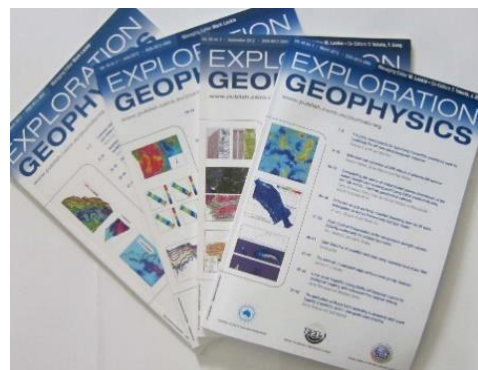
Exchanges with Domestic Societies: Since 2014, SEGJ has cohosted research workshops with the Hokkaido branch of the Japan Society of Engineering Geology. Also, SEGJ organized a session on geophysical exploration during a meeting of the Japan Geoscience Union, as a part of its initiative toward undertaking exchanges with other societies.

Member service

Electronic Library: All articles published for past academic conferences, society journals, and collections of international symposium articles have been archived in PDF formats, and made available for retrieving, viewing, and downloading for SEGJ members.

SEG Global Meeting Abstracts Available Online: SEGJ members may download SEG Global Meeting Abstracts online. These documents are published for global meetings and conferences of the SEG. Most articles comprise four pages, including figure(s).

Society's Publications: Members can submit articles for SEGJ's journal "Butsuri Tansa" (Geophysical Exploration), the English journal "Exploration Geophysics," and academic conferences at member prices. Members can also submit articles for "Butsuri Tansa News" (Geophysical Exploration News).



English Journal "Exploration Geophysics": Publication of SEGJ's English journal "Exploration Geophysics" commenced in 2004 in cooperation with ASEG, KSEG and SEGJ, which have provided diverse research findings based on geophysical exploration studies and applied physics, including case studies (investigation cases of field researches, etc.), data interpretation technologies, and establishment of prospecting theory, etc. Past articles are available online for SEGJ members.

Technical Conferences/International Symposium

Academic Conference and Onsite Tour: SEGJ organizes an academic conference biannually (in spring and fall), in which about 100 presentations, a symposium, and special lectures are held. During the fall session of the conference, onsite tours are held for exchanging opinions on diverse technologies.



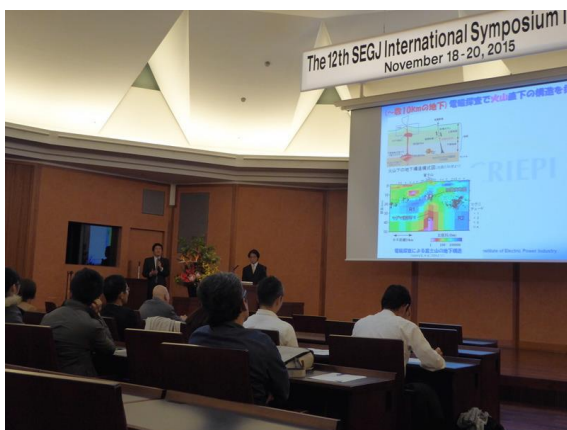
Poster presentation



Oral presentation

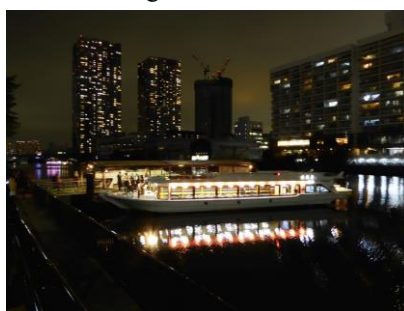


Onsite tour



Invited lecture

SEGJ International Symposium and Technical Tour: With the co-sponsorship of foreign geophysical societies, SEGJ has organized the SEGJ International Symposium at intervals of two to three years, along with a technical tour and opinion exchange with overseas researchers.



Houseboat cruise



Mt. Fuji technical tour

The Society of Exploration Geophysicists of Japan (SEGJ)

Higashi-kanda MK No.5 Bldg., 1-5-6 Higashi-kanda,
Chiyoda-ku, Tokyo 101-0031, Japan

Phone +81-3-6804-7500 Fax +81-3-5829-8050

e-mail: office@segi.org http://www.segi.org/index_e.html