

③ Participation in the "2012 SEWAGE WORKS EXHIBITION" in KOBE

We promoted activities of consultancy services for water and sewage engineering during the 4-day exhibition. We targeted students and citizens including school children. A total of 1,300 people visited our booth.

4. Preservation of Water Environment through Social Action Programs

We conducted and supported social action programs in 2012 as well. For example, the advertisements were organized for citizens and also children in order to promote their general understanding of water environment protection and that how water supply and sewerage projects are important.

Other activities included displaying special panels, distributing educational materials on water, co-hosting the sewerage events with municipals, planting trees in watershed forest, and river cleaning. For details please visit our website: http://www.suikon.or.jp/seika/shakai_kouken.html

We, in cooperation with other associations, posted an article on sewerage in "Shonen Shashin News" and distributed it to about 18,000 elementary and junior high schools. We also supported environmental education programs in 18 elementary schools.

We provided leaflets to elementary school children to promote a better understanding of water supply and sewerage system. They include:

- The Hokkaido branch. "Water is the most vital resource for us"
<http://www.suikon.or.jp/hokkaido/kyodo/kyodo.pdf>
- The Chubu branch. "A water sprite , Earis"
<http://www.suikon-chubu.jp/earis/index.html>
- The Kansai branch. "I'd like to know about water. Teach me!"
<http://www.suikon.or.jp/kansai/mizunokoto/index.html>



Leaflets

5. Development of Water Supply and Sewerage Consultancy Services

We offered the following services for development of the water supply and sewerage consultancy services.

- ① Management of liability insurance for members
- ② Awarding prizes to the employees of member companies who contributed to the association activities or technology improvement
- ③ Welfare activities for employees of the member companies like sport events.



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General Incorporated Association Association of Water and Sewage Works Consultants Japan Business Activities in 2012

This is the annual report of 2012 about our main activities including the technological improvement of water supply and sewerage systems, aimed at the development of water and sewerage works consultants.

1. Water Supply and Sewerage System Technology: Survey/Study, and Publication

Various surveys/studies for technological improvement of water supply and sewerage systems were conducted and the reports were widely publicized on our website and several specialized magazines.



Technical Conference
of Sewerage System

1) Independent Survey/Study

① Technical Conference

Theme: Capacity improvement of sewerage works for earthquake and tsunami disaster incidents.(Published in monthly "Gesuido", Vol 35, No11 ~ 13)
Available at: http://www.suikon.or.jp/seika/gesui_zadankai_seika.html

② Official Newsletter "Suikon"

The Summer 2012 edition (5,200 copies in July) and the Winter 2013 edition (4,100 copies in January) were sent out to the member companies. Some of the copies were also donated to the local governments, educational institutions like universities, and the National Diet Library.

The special topic of the Summer 2012 edition was "Water supply and sewerage system for urban reconstruction and community regeneration, energy, disaster prevention and recovery"

The special topic of the New Year 2013 edition was "Countermeasure of water supply and sewerage system against climate change - Frequent occurrence of intensive rain and water shortage"

The newsletter can be downloaded from: <http://www.suikon.or.jp/seika/publish.html>

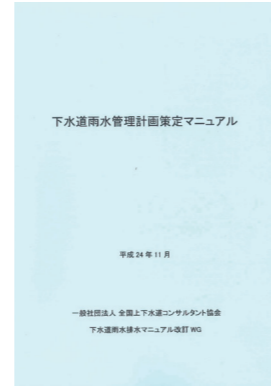


"Suikon" New Year
2013 edition

③ Publishing the “Manual of storm-water management planning for sewerage works”

The “Planning and design guidelines for sewerage facilities”, and the “development of simulation technology and improvement of countermeasure for rainstorm” documents were revised and published as the “Manual of storm-water planning for sewerage works 2000”. Copies of the manual (835 copies) were distributed among the member companies and were also donated to the local governments and educational institutions like universities.

The manual is available at: <http://www.suikon.or.jp/siryu.html>



Manual of storm-water management planning for sewerage works

④ Panel Discussion

Theme: “The consultants business and technology for the next 20 years”

On 30th of November in Tokyo with 52 participants.

The minute will be posted on “Suikon”- the Summer 2013 edition.

2) Participation in other Association's Studies

We have been entrusted with 16 assignments from 6 different institutes comprising works such as revision of the guidelines for anti-earthquake design for sewerage facilities (consigner: Japan Sewage Works Association/ JSWA) and development of the guidelines for anti-earthquake design for water supply facilities (consigner: JWVA). The results of the assignments were released by the relevant institutions and are being widely utilized.

3) Association Member and Instructor Dispatch

Collaborating with other associations; 29 (in total 34) association members were dispatched as committee members to “Investigative commission of sewerage works management” and as the “Investigative committee of operation and management of water supply facilities”. Also, 22 were dispatched as instructors for institutes and workshops.

2. Capacity Development Activities for Water Supply and Sewerage engineers

Several technical reports were published and a variety of seminars were organized to introduce the updated technologies and systems related to water supply and sewerage business. Further, several trainings were carried out for water supply and sewerage engineers.

1) “27th Edition” of Technical Report

Copies of the Technical Report (27th edition) were sent out (2,660 copies) to the member companies or were donated to the local governments and educational institutions like universities. The technical report can be accessed at: <http://www.suikon.or.jp/seika/publish.html>

2) Workshop

A total of 32 workshops and observation tours were held at the head office and each branch offices. Out of the 1,451 participants, 1,200 were the association members, 169 were from the local governments, and 82 were from private sectors).



Workshop

3) Encouraging Engineer's Self-Improvement (CPD program)

We certified 36 CPD programs and issued the CPD Attendance Certificates to the program participants. More details are available at: <http://www.suikon.or.jp/seika/cpd.htm>

3. Public Office Measures and Polices: Compliance and Request

We fully complied with the public office measures and policies in order to promote a smooth promotion of water supply and sewerage business. We also requested and advised to the concerned public office to solved several issues based on our studies.

1) Supporting Activities in Natural Disaster

We cooperated with the teams that were organized by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) to support the relief of the Great East Japan Earthquake disaster. As a result, we established a supporting system and published the “Supportive activity for natural disaster relief” manual in 2012

We received letters of thanks from the mentioned aboved ministry, also from the Ministry of Health, Labor and Welfare.



The letter of thanks from Minister of Health, Labor and Welfare



The letter of thanks from Minister of Land, Infrastructure, Transport and Tourism

2) Suggestions

① Introduction and Pervasion of Asset Management

We prepared and distributed the leaflets for “Sustainable Sewage Works; the Introduction and Assistance for Asset Management” at the meeting with the national sewage division on April 16th in 2013 by MLIT.

We also delivered the results of a study at a conference that was held by JSWA on 21st January, 2013. The study investigated the importance of asset management which was carried out by the Japan Sewage Treatment Plant Constructors Association and the Japan Sewage Treatment Plant Operation & Maintenance Association. The conference was a great opportunity to share our opinions and knowledge. We suggested that asset management and improvement of the Extension-of-life-cycle plan should be introduced to the national authorities.



Conference of Exchange Opinions (21st Jan., 2013)

② Request for Establishment of a Quality Based Selection (QBS) System

Among our other activities in 2012 was our suggestion to improve the water and sewage project executions. We prepared and sent out a document titled “Request and Suggestion of water and sewage works consultants 2012”, to the major local authorities. Particularly, in our meeting with the Kanto, Kansai, and Chubu branch officials we requested that the cost based selection system to be replaced with the QBS or QCBS system. This should be as a part of the contract conditions for the related businesses in order to deliver a quality work.