



International
Water Association



The 9th International Symposium on Water Supply Technology

in YOKOHAMA 2012

Call for Papers Outline

Period of Symposium: November 20 (Tue.) – 22 (Thu.), 2012

Venue: PACIFICO YOKOHAMA 1-1-1 Minato Mirai, Nishi-ku, Yokohama 220-0012

*Symposium: Conference Center *Exhibition: Exhibition Hall A

Main Theme: “Resilient Water Supply System - Pursuing Safety,
Sustainability and Environmental Friendliness”

Organizing Committee: The 9th International Symposium on Water Supply Technology Steering Committee

Administration Office: Japan Water Research Center, Yokohama Waterworks Bureau

Supported by: International Water Association (IWA) / Ministry of Health, Labour and Welfare

Japan Water Works Association / Japan Small Scale Water Works Association

Japan International Cooperation Agency

Japan International Corporation of Welfare Services / Japan Water Forum

Co-supported by: Federation of Japan Water Industries, Inc.

Association of Water and Sewage Works Consultants Japan

Nippon Suido Shinbun Co. / Newspaper of Waterworks Industry

The 9th International Symposium on Water Supply Technology Steering Committee Administration Office



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Greetings

The 9th gathering in 2012 of this triennial symposium is once again upon us. This time the event will be held in Yokohama City with the main theme of "Resilient Water Supply System - Pursuing Safety, Sustainability and Environmental Friendliness".

The symposium will host speeches by invited speakers, presentations of papers publicly called for in technical sessions, a general panel discussion and so on, covering the entire water supply field. A special session based on the Great East Japan Earthquake with the theme of "Toward Water Supply Systems Resistant to Earthquake and Tsunami" will also be held at this symposium. In addition, exhibitions by corporations and other organizations in the drinking water sector are also scheduled.

Oral or poster presentations are scheduled for papers to be publicly called for in the three technical sessions - "Water Treatment Technology with Safety, Security and Environmental Friendliness", "Pipeline Technology for Handing to the Next Generation", and "Governance and International Cooperation in Water Supply Field".

We would like as many people as possible to present their regular research results and practice details, and we hope this symposium will be enriching for the water supply field.

We look forward to all your paper submissions.

Masahiro Fujiwara
President, Japan Water Research Center
Chairman
the 9th International Symposium on Water Supply Technology Steering Committee

Kazunari Doi
Director General, Yokohama Waterworks Bureau
Vice Chairman
the 9th International Symposium on Water Supply Technology Steering Committee

Table of Contents

1	Outline of Symposium.....	- 1 -
1.1	Basic info.....	- 1 -
1.2	Access.....	- 1 -
1.3	Event Hall.....	- 2 -
1.4	Theme	- 2 -
1.5	Program	- 3 -
1.6	Registration Fees	- 4 -
2	Paper (Oral and Poster Presentations) Guidelines.....	- 5 -
2.1	Purpose of the Guidelines	- 5 -
2.2	Key Dates.....	- 5 -
2.3	Application Method.....	- 5 -
2.4	Decision and Notification of Acceptance or Non-acceptance	- 6 -
2.5	Keyword of Technical Session	- 6 -
2.6	Preparation of Submission	- 7 -
(1)	Preparation of an Abstract (Paper Summary)	- 7 -
(2)	Preparation of a Full Paper	- 8 -
(3)	Preparation of a Poster Presentation	- 12 -
2.7	Outstanding Papers.....	- 12 -
3	Program committee.....	- 13 -

1 Outline of Symposium

1.1 Basic info

Title: The 9th International Symposium on Water Supply Technology
Period: November 20 (Tue.) - 22 (Thu.), 2012
Venue: PACIFICO YOKOHAMA, Conference Center
Languages: Japanese and English (simultaneous interpretation available)

1.2 Access

PACIFICO YOKOHAMA, Conference Center

1-1-1 Minato Mirai, Nishi-ku, Yokohama 220-0012



1.3 Event Hall

Conference Center

1F Main Hall (Theater Seating 1,002 Seats)

3F Room 301 + Room 302 (Classroom Seating 288 Seats)

3F Room 303 + Room 304 (Classroom Seating 288 Seats)

5F Room 501 + Room 502 (Classroom Seating 384 Seats)



Photo: Conference Center



Photo: 1F Main Hall (During the 7th International Symposium on Water Supply Technology)

1.4 Theme

Main Theme: “Resilient Water Supply System - Pursuing Safety, Sustainability and Environmental Friendliness”

Special Session: Toward Water Supply Systems Resistant to Earthquake and Tsunami

Technical Sessions

Session 1: Water Treatment Technology with Safety, Security and Environmental Friendliness

Session 2: Pipeline Technology for Handing to the Next Generation

Session 3: Governance and International Cooperation in Water Supply Field

1.5 Program

November 20 (Tue)

- [a.m.] Opening: Greetings by the organizer and guests
Keynote Speech: Akira Koizumi (Professor, Tokyo Metropolitan University Graduate School)
Special Lecture: Dr. Glen T. Daigger (IWA President)
- [p.m.] Presentations scheduled by invited speakers from America, Europe, Asia
Chair: Yoshimasa Watanabe
(Professor, Center for Environmental Nano and Bio Engineering in Hokkaido University)
Discussion with Invited Speakers
(A reception afterward is scheduled.)

November 21 (Wed)

- [a.m.] Special Session: “Toward Water Supply Systems Resistant to Earthquake and Tsunami”
Chair: Masakatsu Miyajima (Professor, Kanazawa University)

Poster Session

Poster Short Presentation

Youth Water Specialist Program
2012 Japan-China Water Supply Technology Symposium (option)

- [p.m.] **Technical Sessions**

Session 1 “Water Treatment Technology with Safety, Security and Environmental Friendliness”

Chair: Sadahiko Ito (Professor, Kyoto University Graduate School)

Session 2 “Pipeline Technology for Handing to the Next Generation”

Chair: Hiroshi Nagaoka (Professor, Tokyo City University)

Session3 “Governance and International Cooperation in Water Supply Field”

Chair: Hiroaki Furumai (Professor, The University of Tokyo Graduate School)

November 22 (Thu)

- [a.m.] Session Reports: Chairs for Each Session
General Panel Discussion
Chair: Shinichiro Ohgaki (President, National Institute for Environmental Studies)
Closing: Farewell speech
- [p.m.] Technical Tour [Visit to Kawai Water Purification Plant/Renewal Project] (Option)

1.6 Registration Fees

Members (JWRC or IWA)	30,000JPY
Non-members	50,000JPY
Students (as of the symposium period)	15,000JPY

- * Consumption tax included
- * Oral presentation and poster presentation speakers also need to apply for and pay to participate in the 9th International Symposium on Water Supply Technology in the same way as the audience.

2 Paper (Oral and Poster Presentations) Guidelines

2.1 Purpose of the Guidelines

These guidelines stipulate the preparation/registration of papers for The 9th International Symposium on Water Supply Technology (oral and poster presentations). The preparation/registration proceeds in the following order: application (abstract submission), notification of acceptance or non-acceptance, and full paper submission (for oral presentations) or poster creation (poster presentations).

2.2 Key Dates

Abstract Submission Open	November 30, 2011
Abstract Submission Deadline	February 29 April 30, 2012
Authors notified of acceptance	April Last June, 2012
Full paper submission deadline	June August 31, 2012
Period of Symposium	November 20-22, 2012

2.3 Application Method

- * Please login to the abstract registration screen and submit your abstract online.
- * Applicants registering for the first time are requested to enter their personal information first.
- * Please select technical session type (Session 1, Session 2, Session 3).
- * Please select oral presentation or poster presentation.
- * Approximately 10 oral presentations (presentation time: 20 minutes each) are scheduled for each technical session.
- * For poster presenters, a poster session and short poster presentation are scheduled.
- * When submitting your abstract, please enter the title, co-authors, keywords, and contents. Also, please note that abstracts and full papers will be accepted in English only.

2.4 Decision and Notification of Acceptance or Non-acceptance

- * Acceptance or non-acceptance will be decided following a review of the abstract and applicants will be notified.
- * The decision on acceptance or non-acceptance will be made by The 9th International Symposium on Water Supply Technology Program Committee.
- * The presentation format ("Oral" or "Poster") will be also notified when acceptance or non-acceptance is notified.
- * In the event of a large number of oral presentation applicants, your presentation may be changed to a poster presentation.
- * For oral presentations
Please submit your full paper in English by the deadline. Abstracts will be published in the printed proceedings of the symposium while both abstracts and full papers will be published in the electronic version. Therefore, if you need to revise your abstract after submission, please contact the Call for Papers Desk. (Call for Papers Desk E-mail: water2012@convention.co.jp)
- * For poster presentations
Full papers do not need to be submitted. Abstracts will be published in the symposium proceedings in print and electronic versions.
- * Presentations are in Japanese or English. Simultaneous interpretation service will be available.

2.5 Keyword of Technical Session

[Session 1]: Water Treatment Technology with Safety, Security and Environmental Friendliness
water treatment process, advanced water treatment system, membrane filtration technology, oxidation, disinfection, new coagulant, water quality evaluation and management, testing methods, etc.

[Session 2]: Pipeline Technology for Handing to the Next Generation
pipeline renewal, pipeline performance assessment, seismic resistance, leakage prevention, distribution control, mapping system, water quality monitoring and improvement, block distribution system, etc.

[Session 3]: Governance and International Cooperation in Water Supply Field
adaptation to climate change, life cycle assessment, asset management, performance indicator, water safety plan, environmental management system, energy saving/green energy, risk management and its communication, customer satisfaction, public relations activity, etc.

2.6 Preparation of Submission

(1) Preparation of an Abstract (Paper Summary)

- * Please login to the abstract registration screen and submit your abstract online.
- * When submitting your abstract, please enter the title, co-authors, keywords, and contents. Also, please note that only English abstracts will be accepted.
- * Abstracts must be 600 English words or less, or 450 words or less if there is a diagram. Only 1 diagram is accepted.
- * The symposium proceedings printed will not be in color, so please note that your diagram must be identifiable in black and white.
- * Papers written by non-English speakers should be checked and corrected by a native English speaker to avoid poor grammar and style.
- * Papers should not be for advertising purpose (i.e. including product names).

[Abstract proceedings image]

Abstracts submitted online will be arranged into the proceedings of the symposium as shown in the following image. When a diagram is included, it will be placed at the bottom. The image is subject to change.

(1) **Sample Layout: Title of Article Should Concisely and Accurately Specify Subject of Paper**

(2) A. B. Fish*, C. D. Flesch* and E. Fowle**

(3) *Department of Superficial Research, University of Life, 99 Crow Road, Addlestep, Borthershire BB3 1TC, UK
**Bogdet & Bilham plc, Hamilton House, Hangover Square, London NC1 4TS, UK

(4) **Keywords:**
Abstract, author details; example, headings; layout; title page

(5) Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance). Up to 600 words on one A4-format page with up to a diagram. Do not advertise commercial products or services or refer to their names in text. Use 12-point Times New Roman font in Microsoft Word documents (same formatting will apply to documents to be submitted upon acceptance).

(6) **Table 1.** This is an example of table layout. It shows the dimensions of the text area to be used for *Paper Science and Technology* articles and of international and US paper sizes (and the consequent recommended margin settings). Note that a minimum number of horizontal rules (and usually) no vertical rules are used.

- (1) Title
- (2) Name of Author(s)
- (3) Mailing address of each author
- (4) Keywords
- (5) Abstract
- (6) Diagram

(2) Preparation of a Full Paper

Template

Please download the template from the official website.

URL <http://www2.convention.co.jp/water2012/english>

Preparation of the typescript

- * Please create the typescript based on the template.
- * The length of your full paper should be eight A4 pages or shorter (approximately 4,500 words) including all references, tables and figures.
- * Papers written by non-English speakers should be checked and corrected by a native English speaker to avoid poor grammar and style.
- * The paper must report original work or findings which have not been previously published. Submissions may not be accepted when they primarily reflect commercial interests, merely state the aims of research, or do not conform to the guidelines.

[Notice]

- * The full paper should be submitted in PDF format with the file size not exceeding 5MB.

Content

Papers should be well structured: i.e. they must comprise:

- * The main body text should be typed single-spaced in 12pt Times New Roman justified typeface. It is also typed flush left with no indents, with one line space between paragraphs, and two lines space between paper title, authors' names, and addresses on the first page.
- * Paper title is in bold 16pt Times New Roman, with first letter in each word capitals.
- * Author name(s) and full postal and e-mail addresses for each author are in 10 pt Times New Roman.
- * Abstract should be no more than 200 words briefly specifying the aims of the work, the main results obtained, and the conclusions drawn. 10 pt Times New Roman.
- * Keywords should be 3–6 words (in alphabetical order), which will enable subsequent abstracting or information retrieval systems to locate the paper. 10 pt Times New Roman.
- * Please do not add any numbers or symbols to Section Headings.
- * Main text: for clarity this should be subdivided into:
 - Introduction - describing the background of the work and its aims.
 - Methods - a brief description of the methods/techniques used (the principles of

these methods need not be described if easily accessible references are cited).

- Results and Discussion - a clear presentation of experimental results obtained, highlighting any trends or points of interest.
- Conclusions: a brief explanation of the significance and implications of the work reported.
- * References should have accessible sources. Please ensure that all work cited in the text is included in the reference list, and that the dates and authors given in the text match those in the reference list. References must always be given in sufficient detail for the reader to locate the work cited (see below for formats).

Nomenclature and Units

- * Please take care that all terminology and notation used will be widely understood. Abbreviations and acronyms should be spelled out in full at their first occurrence in the text.
- * SI units are strongly recommended. If non-SI units must be used, SI equivalents (or conversion factors) must also be given.
- * Please use a dot for the decimal point rather than a comma (i.e. 3.142 not 3,142).
- * Write equations in dimensionless form or in metric units. Please use italic letters to denote variables (in text or in displayed equations)

Figures, Tables and Images

- * Figures and tables should appear in numerical order, be described in the body of the text and be positioned close to where they are first cited.
- * Place the title of table above the table and the title of figure under the figure.
- * Make sure all figures and tables will fit inside the text area.
- * Because figures may be resized in the course of production please use scale bars and not magnification factors.
- * The background color for figures and tables is preferred to be white unless you have some special reason.

References: citations in text

- * Use surname of author and year of publication: Jones (2002) or (Jones 2002).
- * Insert initials only if there are two different authors with the same surname and same year of publication.
- * Two or more years in parentheses following an author's name are cited in ascending order of year, and two or more references published in the same year by the same author are differentiated by letters a, b, c. For example: Brown (1999, 2002, 2003a, b).

- * Different references cited together should be in date order, for example: (Smith 1959; Thomson and Jones 1992; Green 1999).
- * If a paper has been accepted for publication but has not been published the term "(in press)" should be used instead of a date.
- * If a paper has been submitted but not definitely accepted the term "(submitted)" should be used. If the paper is still being prepared the term "(in preparation)" should be used.
- * The abbreviation "et al." should be used in the text when there are more than two co-authors of a cited paper. Please double-check: every citation in the text must match up to an entry in the reference list, and vice-versa.

List of references

- * For references, please refer to the following example.
Although "et al." is preferable in the text, in the list of references all authors should be given.

Journal reference style:

Zeng, R. J., Lemaire R., Yuan Z. and Keller J. (2004). A novel wastewater treatment process: simultaneous nitrification, denitrification and phosphorus removal. *Water Science and Technology*, 50(10), 163-170.

Note that to unambiguously identify articles published in *Water Science and Technology* before 2008, the issue number as well as the volume number is needed.

Book reference styles:

(i) Article in compilation;

McInerney, M. J. (1999). Anaerobic metabolism and its regulation. In *Biotechnology*, J. Winter (ed.), 2nd edn, Wiley-VCH Verlag, Weinheim, Germany, pp. 455-478.

(ii) Multi-author work

Henze M., Harremoës P., LaCour Jansen J. and Arvin E. (1995). *Wastewater Treatment: Biological and Chemical Processes*. Springer, Heidelberg.

(iii) Standard reference

Standard Methods for the Examination of Water and Wastewater. (1998). 20th edn, American Public Health Association/American Water Works Association/Water Environment Federation, Washington DC, USA.

(iv) Report

Sobsey M. D. and Pfaender F. K. (2002). Evaluation of the H₂S method for Detection of Fecal Contamination of Drinking Water. Report WHO/SDE/WSH/02.08, Water Sanitation and Health Programme, WHO, Geneva, Switzerland.

(v) Thesis

Bell J. (2002). Treatment of Dye Wastewaters in the Anaerobic Baffled Reactor and Characterisation of the Associated Microbial Populations. PhD thesis, Pollution Research Group, University of Natal, Durban, South Africa.

Online references:

These should specify the full URL for the reference and give the date on which it was consulted. Please check again to confirm that the work you are citing is still accessible:

Alcock S. J. and Branston L. (2000) SENSPOL: Sensors for Monitoring Water Pollution from Contaminated Land, Landfills and Sediment. available at: <http://www.cranfield.ac.uk/biotech/senspol/> (accessed 22 July 2005)

References in different languages:

References in languages other than English should be accompanied by an English translation of the article title

Barjenbruch M., Erler C and Steinke M. (2003) Untersuchungen an Abwasserteichanlagen in Sachsen-Anhalt im Jahr 2003 (Investigation on wastewater lagoons in Saxony-Anhalt in 2003), Report for the Environment Ministry of Saxony-Anhalt, Magdeburg, Germany

(3) Preparation of a Poster Presentation

Template

Please download the template from the official website.

URL <http://www2.convention.co.jp/water2012/english>

Preparation of the typescript

A poster produced by authors should be a visual representation, which can initiate an informal discussion with the visitors.

- * Layout and Style
 - Panel Size: 90cm wide x 200cm high
 - Title: The title should include author's names, affiliations and email addresses.
 - Flow: The flow of the chart should be clear and logical.
 - Handouts: Prepare two to three-page handouts with overview of poster and contact details as much as possible.
- * Presenter Photographs - Please place the picture of the author on the poster.
- * Bringing and Setting up Posters - Presenters should responsibly bring their posters with them to the symposium. Posters are to be set up and dismantled by authors at an allotted time. Note that at least one author of the poster should make a registration for and attend the symposium.

2.7 Outstanding Papers

- * Outstanding papers will be considered to be published in the following journal/media.
- * When your paper is selected as an outstanding paper, you will be required to submit the paper in Microsoft Office format (Word). In addition, you may be asked to change your paper according to the journal format.
- * IWA journals
 - Water Science and Technology : Water Supply
 - Journal of Water Supply : Research and Technology-Aqua. etc.
- * Aswin (Asia Pacific Drinking Water Technology Information Network)

3 Program committee

Chairman:	Shinichiro Ohgaki	President, National Institute for Environmental Studies
Members:	Michihiro Akiba	Director, Department of Water Supply Engineering, National Institute of Public Health
	Mari Asami	Chief Senior Researcher, Water Management Section Department of Environmental Health, National Institute of Public Health
	Yasutaka Fujimoto	Associate Professor, Yokohama National University
	Kenji Fujita	Emeritus Professor, the University of Tokyo
	Hiroaki Furumai	Professor, The University of Tokyo Graduate School
	Yoshihiko Hosoi	Professor, Tottori University Graduate School
	Yoshinobu Ishibashi	Professor, Tohoku Gakuin University
	Haruo Ishii	Professor, Toyo University
	Masaki Ito	Chief Senior Researcher, Water Management Section Department of Environmental Health, National Institute of Public Health
	Sadahiko Ito	Professor, Kyoto University Graduate School
	Toshiro Kamada	Professor, Osaka University Graduate School
	Motoyuki Kamata	Associate Professor, Kanto Gakuin University
	Naoyuki Kamiko	Professor, Ritsumeikan University
	Katsuki Kimura	Associate Professor, Hokkaido University
	Kiyoshi Kobayashi	Dean, Kyoto University Graduate School of Management
	Akira Koizumi	Professor, Tokyo Metropolitan University
	Shoichi Kunikane	Professor, University of Shizuoka
	Yasumoto Magara	President, Educational Foundation Tokiwamatsu Gakuen Visiting Professor, Center for Environmental Nano and Bio Engineering in Hokkaido University
	Yoshihiko Matsui	Professor, Hokkaido University Graduate School
	Hideto Matsuyama	Professor, Kobe University Graduate School
	Masakatsu Miyajima	Professor, Kanazawa University
	Takeo Moniwa	Emeritus Professor, Tokai University
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	Tadashi Ota	Professor, Sakushin Gakuin University
	Masahiro Otaki	Professor, Ochanomizu University
	Satoshi Takizawa	Professor, The University of Tokyo Graduate School
	Hiroshi Tsuno	Professor, Kyoto University Graduate School
	Taro Urase	Professor, Tokyo University of Technology
	Yoshimasa Watanabe	Professor, Center for Environmental Nano and Bio Engineering in Hokkaido University

(As of March 1, 2012)

For Call for Papers Information

The 9th International Symposium on Water Supply
Technology Call for Papers Desk

c/o Japan Convention Services, Inc. IT Center

Koshin Building 2F 2-2 Kanda Nishiki-cho, Chiyoda-ku, Tokyo

TEL : +81-3-3500-5935 FAX : +81-3-5283-5952

Available hours of contact window: 9:30-17:30, not available on
Saturdays, Sundays and national holidays

e-mail: water2012@convention.co.jp