

NEWSLETTER

NO. 1

November 1990

THE JAPAN SOCIETY OF WASTE MANAGEMENT EXPERTS

This is the first issue of NEWSLETTER of Japan Society of Waste Management Experts (JSWME)

GREETINGS:

**FROM THE PRESIDENT
Dr. Naomichi HIRAYAMA**

Dear Readers:

Development of science, technology and industries has brought about, on one hand, affluence in people's life, but on the other hand a huge amount of wastes. The waste problem has already reached the point that natural resources have been alarmingly depleted and environment severely damaged. Ever expanding human activities are causing incessant increase of waste quantity as well as diversification in quality making its treatment and recycling a very difficult task. As such, both the immediate actions and long term efforts in waste management are seriously sought after for better public health, urban management, environmental protection, and resource conservation.

Under these circumstances, the Japan Society of Waste Management Experts (JSWME) was established on 27 March 1990 with the objective of uniting those who are experienced and actively working for better waste management in various fields of Japanese society. The Society is planning to carry out a series of activities for the solution of waste problems.



It would be even more rewarded if the experts in other parts of the world would also join JSWME and take an active part in international collaboration in waste management.

**FROM THE EDITOR OF
THE NEWSLETTER
Dr. Sachio IKAWA**

Dear Readers:

This NEWSLETTER is published just as one of many activities of JSWME. Through this NEWSLETTER we will try to send timely information on the state of Japanese waste management to the people, groups and agencies concerned with waste management outside Japan.

The NEWSLETTER, which is planned to be published twice a year, will send to you, among others, the following informations:

- (1) New developments in Japan in the field of waste management;
- (2) Data on the state of Japanese waste management; and
- (3) Activities of the Society.

It is our great pleasure to undertake this information dissemination activity which could hopefully contribute in some manner to the solution of worldwide waste problems. We hope that our readers would give their critical and warm support to the NEWSLETTER.

Dr. Naomichi Hirayama, the president, the Japan Society of Waste Management Experts, gave the speech at the Day of the foundation of the Society.

Congratulatory Remarks

March 15, 1990

I am glad to learn from you that Japan Society of Waste Management Experts will be established on 27 March, 1990. On this occasion allow me to congratulate you, and through you, all the experts concerned with this important event. I sincerely wish you and your society every success.

Yours sincerely,

Dr. Niu Shiru
Director of Institute
Chairman of China Society of Public
Engineering
Institute of Environmental Health &
Engineering
People's Republic of China

March 3, 1990

It sounds great that the Japan Society of Waste Management Experts will be established on the 27th of March. I send an encouraging and welcoming message for founding such a professional association. And I hope this association becomes one of the best expert organizations dealing with the field of waste research and management.

Wishing you all the best, I remain with warm regards.

Nam-Zyo Chung
Director of Industrial Waste Research
Division
Department of Waste research
National Institute of Environmental
Research
Republic of Korea

March 1, 1990

Congratulations on the formation of the Japan Society of Waste Management Experts (JSWME) on March 27, 1990. I understand that this will be a professional association for individual waste management experts in Japan. Such an organization should provide many benefits to its members in terms of sharing information and experiences on improved waste management practices. I hope that the

Society reaches out worldwide and forms relationships with the many international organizations working in this field. I look forward to hearing more about the Society's plans and accomplishments. Best wishes for continued success.

Sincerely,

John H. Skinner
Acting Deputy Assistant Administrator for
Research and Development
United States Environmental Protection
Agency

Note: The above congratulatory remarks were received by JSWME through the Secretary General, Dr. M. TANAKA

**Journal of the Japan Society of Waste
Management Experts**
Vol. 1, No. 1 July 1990

Technical Papers:

Trichloroethylene Transportation and
Decomposition in Solid Waste Layer with
Saturated-Water Flow

Nobutoshi TANAKA
Toshihiko MATSUTO
and Keiichi KOYAMA

Thermodynamic Consideration on Mercury
Species in Combustion Gas of Municipal
Refuse Incinerator

Takeo URABE
and Harumi YOKOKAWA

Utilization of Harden Properties of
Reducing Slag Produced by Electric
Furnace

Tadashi KUWAYAMA
Atsuhiko HONDA
Masaru YAMADA
and Tadashi MISE

The Society publishes Journal of the Japan Society of Waste Management Experts twice in FY 1990. The table of contents for the first issue (Vol. 1, No. 1) is as shown above. Copies are available from the Society's Secretariat shown at the end of this NEWSLETTER. The price is 3,090 yen (or approximately 22 US\$) per copy including the cost of mailing.

Membership and Organization of JSWME

Those residing outside Japan may become a member of JSWME under one of the following membership categories.

- | | |
|-----------------------------------|------------------------------|
| 1. Regular Member | 7,000 yen per year |
| 2. Student Member | 5,000 yen per year |
| 3. Non-Profit Organization Member | 20,000 yen per year |
| 4. Corporate Member | 100,000 yen per lot per year |

The prospective overseas Member are requested to fill in and return the application form attached to the secretariat of JSWME. The membership fees appropriate will have to be remitted, in Japanese Yen or in equivalent U.S. dollar amount at this time, through any of the major overseas banking

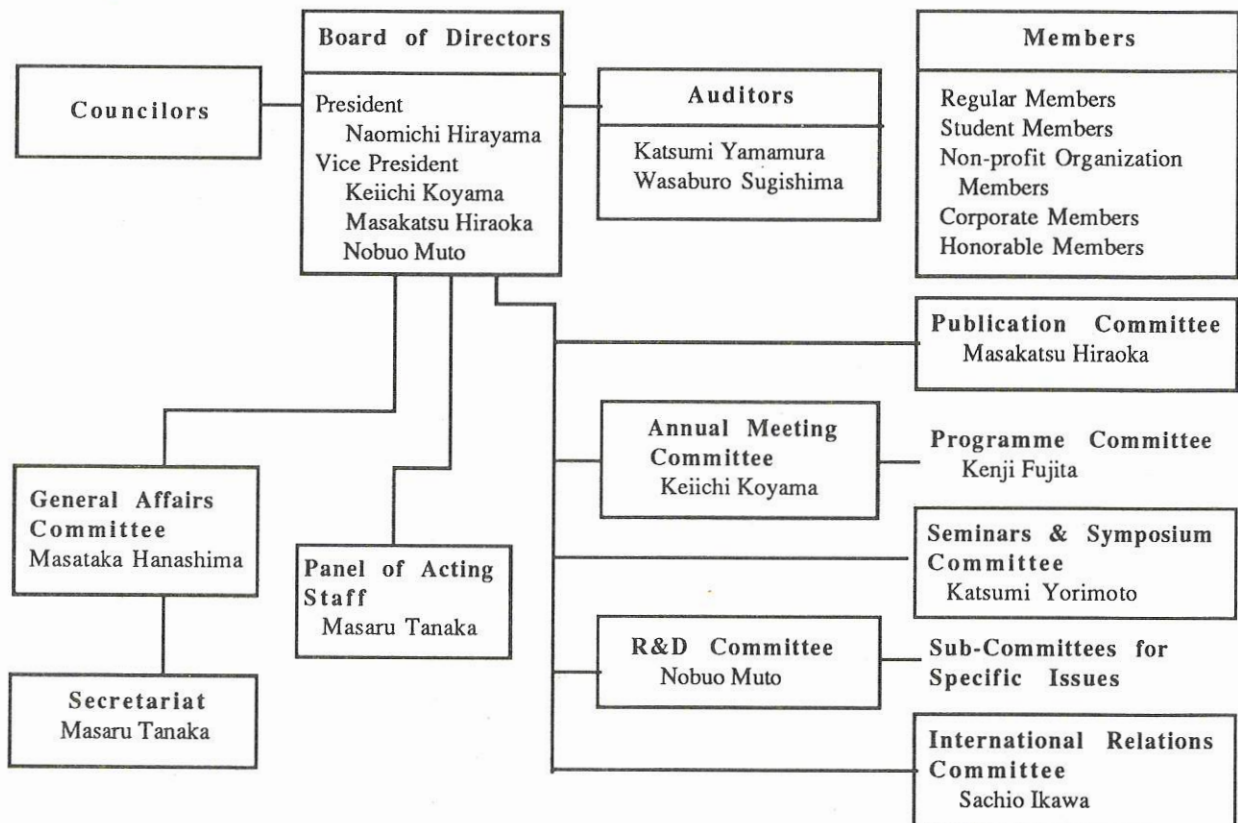
facilities, to the JSWME current account established at:

Daiichi-Kangyo Bank, Shiba Branch
 Account No. 1637893
 (Japan Society of Solid Waste Management Experts)
 Shiba 5-34-2, Minato-ku, Tokyo 108, Japan

The members are entitled to receive the following benefits.

1. a copy of both, the Society journal and the research paper compendium published twice annually (in Japanese with English abstracts)
2. a copy of the Japanese language newsletter published bimonthly
2. a copy of the English language newsletter published twice annually
3. a discount fee schedule for attending the annual meeting of the Society
4. a discount fee schedule for attending other meetings sponsored by the Society

Organization of the Japan Society of Waste Management Experts (JSWME)



Recent Publication

Investigation Report: Collection and Recycling of Waste Paper

The report deals with the present situation in Japan regarding collection and recycling of waste paper, as compared to that in other countries.

(Mr. Kazuhiko Hirose, Foundation of Waste Paper Recycling Center. 1990/4 Journal of Japan Waste Management Association Vol. 43, No. 175)

Investigation Report: Can Reduction

The disposal of waste beverage cans has become a serious SWM issue. This report makes a situation analysis on quantity of drinks, types of containers, marketing systems, recycling ratio, deposit system, separate collection, etc.

(Mr. Kazumi Okawa, Ministry of Health and Welfare, 1990/4 The Journal of Life and Environment Vol. 35, No. 4)

Administrative Guidelines: The Guidelines for Medical Waste Disposal

This guidelines provide the definition of "Infectious Waste" and recommend appropriate methods for both disposal and management, with a manifest system properly integrated. The guidelines in effect constitute the recommendation to local governments by the national government and are expected to be implemented across the nation from 1 April 1990.

(Ministry of Health and Welfare/The Committee for Medical Waste Treatment, 1989 The Journal of Urbanity and Waste, Vol. 20, No. 8).

Investigation Report: Medical Wastes

Tokyo Metropolitan Government has made a random sampling survey of medical wastes from 480 hospitals, 1500 clinics, 1100 dental clinics and 74 medical laboratories, with respect to the amount of waste generation, collection and disposal. According to the report the rate of medical waste generation is 46kg/month/bed, and 90% of the hospitals and clinics surveyed implement separate collection.

(Waste Disposal Bureau, Tokyo Metropolitan Government, 1990)

A Brief Note on Solid Waste Disposal in Japan (1)

Generation

Approximately 123,000 tons of municipal solid waste are generated daily from residential, commercial, and other sources in Japan. In the past, as shown in Fig, a steady increase was observed until 1970, which was then followed by a few years of decline due mainly to the first oil crisis, followed by a gradual increase up to the present time.

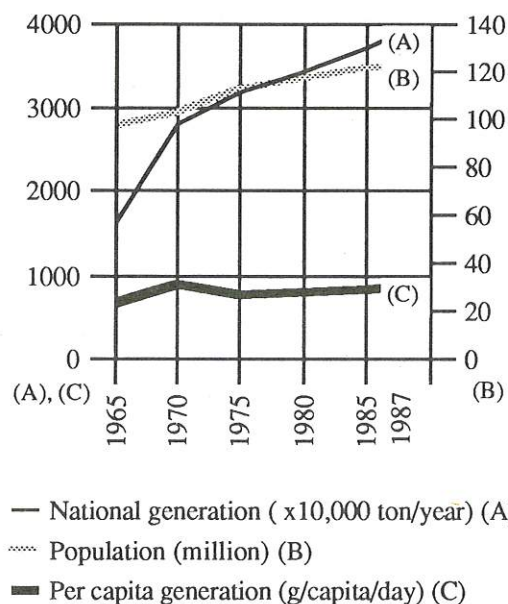


Fig. National and Per Capita Generation of Municipal Solid Wastes

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