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Photo by T. Satake

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January

N NEWSLETTER

ESAFS

EAST AND SOUTHEAST ASIA FEDERATION OF SOIL SCIENCE SOCIETIES



Kazutake Kyuma

EAST AND SOUTHEAST ASIA FEDERATION OF SOIL SCIENCE SOCIETIES

On the occasion of the 14th International Congress of Soil Science held at Kyoto, Japan, in August 1990, EAST AND SOUTHEAST ASIA FEDERATION OF SOIL SCIENCE SOCIETIES was established under an unanimous agreement of the delegates from 9 national soil science societies. This marked a start of the new era of mutual cooperation among the soil scientists in the region with rice farming as the main component of the agricultural production system. The region here spans from India eastward via southeast Asia to eastern Asia. The countries covered are India, Nepal, Bhutan, Bangladesh, Sri Lanka, Myanmar (Burma), Thailand, Laos, Cambodia, Vietnam, Malaysia, Brunei, Indonesia, Philippines, Singapore, Hongkong, China-Mainland, China-Taiwan, Korea, Democratic People's Republic of Korea, and Japan, most of these countries having

more lands under rice than other lands with upland crops, Although we have presently only 10 national societies (the underlined nations) as the members, we expect many more societies joining us in the near future.

At the first meeting of the Federation at Kyoto, Japanese Society of Soil Science and Plant Nutrition (JSSSPN) was chosen as the first office holder and, according to the general rules (see below), the president of the Japanese Society was designated as the President of the Federation. We feel very honored of holding the first office and will try to do our best in shaping up the Federation. We heartily wish all the member societies help and cooperate with us in this task loaded on the Japanese Society.

I would like to introduce you the other officers of the Federation:

Vice-President:	Dr. Zhao Qiguo President, Soil Science of China (as the next office holder)
Secretary General:	Dr. Naoko Nishizawa Member of the Board of Directors, JSSSPN

Society Representatives are yet to be designated by each of the member societies by the next official meeting of the Federation, which will be held on the occasion of a symposium or workshop of the Federation.

This is the first issue of the Federation's Newsletter. This is intended to be a medium of information exchange and a forum of scientific discussions. To our regret, this time we have had relatively few responses from the member societies, but we are

sending out this first issue to you to show an example of the role of the Newsletter so that we shall have more active responses hereafter from the member societies.

There is a small proposal from the secretariat. We think we should better have an official acronym for the Federation and how about making it ESAFS. We already carry that in the headline of this article. I hope it is acceptable to all of you.

Wishing you a very Merry Christmas
and a happy and prosperous New Year of 1991!

Dec. 20. 1990

Prof. Kazutake Kyuma
President, ESAFS

General Rules for the East and Southeast Asia Federation of Soil Science Societies

1. Name

The name of the federation shall be the East and Southeast Asia Federation of Soil Science Societies, herein referred to as "The Federation".

2. Objectives

The Federation shall aim at promoting researches in soil and related sciences and disseminating the acquired knowledge and technology for the benefit of the member societies in the region of east and southeast asia. By so doing the Federation shall contribute to the sustainable development of the region through harmonization of agricultural production and environmental protection.

The Federation shall also aim at promoting the effective participation of member societies and of individual soil scientists of the region in the work of the International Society of Soil Science.

3. Membership

Regular members shall consist of any scientific societies concerned with soil science, plant nutrition and fertilizer management and technology in any countries in east and southeast Asia where rice-based cropping system is an important component of agricultural production system.

4. Officers

The Officers of the Federation shall be:

- (1) President
- (2) Vice-President
- (3) Secretary General
- (4) Society Representative

The Office of the Federation shall be moved from one member society to another every two years and the President of the society which holds the Office shall be automatically appointed as the President of the Federation. The President of the society which will hold the Office for the next term shall be appointed as the Vice-President of the Federation. Each of the member to attend the official meeting of the Federation (cf. 6).

5. Activities

A newsletter shall be published and distributed biannually by the Office of the Federation as a medium to exchange information on research news and activities among the member societies.

Symposia and workshops shall be sponsored or co-sponsored by the Federation as frequently as possible.

Member societies shall be encouraged to organize activities under the umbrella of the Federation.

6. Official Meeting

The Society Representatives of the member national societies shall meet at the time of symposia or workshops, which shall be held occasionally, to discuss the matters related to the structure, finance and activities of the Federation.

7. Finance

The national society which holds the Office of the Federation shall finance the publication and distribution of the newsletters. The Officers shall make their best effort to raise funds for such activities as symposia and workshops.

THE MEMBER SOCIETIES

Bangladesh

The Secretary
Soil Science Society of Bangladesh
c/o Bangladesh Agricultural Research Council
New Airport Road, Farm Gate
Dacca
Bangladesh

China-Main Land

The Secretary General
Soil Science Society of China
c/o The Institute of Soil Science
Academia Sinica
P. O. Box 821, Nanjing
People's republic of China

China-Taiwan

Dr. Tsai-fua Chin
The Society of Soil and Fertilizer Sciences of
Republic of China
c/o Taiwan Tea Experiment Station
No. 324 Chin-Long Li, Yangmei 32613
Taoyuan, Taiwan
Republic of China
Tel. 03-4822059; Fax 03-4824716

India

The Secretary General
The Indian Society of Soil Science and
Agr. Chemistry
Indian Agricultural Research Institute
ew Delhi 110012
India

Japan

Secretariat of the JSSSPN
(Nippon Dojyo-Hiryō Gakkai)
202-10-26, 6-Chome Hongo, Bunkyo-ku
Tokyo 113
Japan

Korea

Dr. In-Sang Jo
Korean Society of Soil Science and Fertilizer
c/o Institute of Agricultural Sciences
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Malaysia

Dr. J. Shamshuddin
Hon. Secretary
The Malaysian Society of Soil Science
P. O. Box 12644
50784 Kuala Lumpur
Malaysia

Sri Lanka

The Secretary
Soil Science Society of Sri Lanka
Land & Water Management Research
Center Department of Agriculture
Peradeniya
Sri Lanka

The Philippines

Dr. Modesto R. Recel
Chief, Soil and Water Resources
Research Division Bureau of Soils and
Water management
Elliptical Road, Diliman
Quezon City, Metro Manila
The Philippines

Thailand

Dr. Tasnee Attanandana
Soil and Fertilizer Society of Thailand
c/o Department of Soils
Faculty of Agriculture
Kasetsart University
Bangkok 10903
Thailand

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REPORT OF 14th ICSS, KYOTO, 1990

The 14th International Congress of Soil Science was held at Kyoto International Conference Hall, August 12-18, 1990. The registered number of participants amounted 1616 in total coming from 75 countries in the following continents: Europe; 20% North America; 10% Latin America; 3%, Asia except for Japan; 17% Africa; 2% Australia/New Zealand; 3%, Japan; 45%.

In the Congress, under the Motto "Improving Soil Management for Man and the Environment Optimum Utilization of the World's Soil Resources to Increase Biological Production and to Protect the Environment," 6 plenary lectures, 45 symposia with 281 speakers and 561 poster presentations were offered.

The program of the Trans-Siberia tour, 5 Japan Inland tours and 4 Chiba tours were carried out as pre- and post-congress tours successfully.

The congress papers in the form of 8 volumes Transactions were given to the participants upon registration. Volume O contains the full text of the papers presented in the plenary sessions and author index of whole volume, and Volume I-VII the same of the symposium sessions and extended summary of the poster sessions which were categorized in the corresponding Commissions I-VII respectively.

A limited number of the above volumes is available, and information can be obtained from the Organizing Committee or the Office of the Secretary General of the ISSS.

Symposia of Tropical Agriculture Research Center, Japan, and the Potash and Phosphate Institute of Canada were held as satellite symposia in the same Hall.

In the exhibition sessions, the presentation of national and international societies and institutions including soil maps, soil monoliths etc. were exhibited.

Furthermore, the Organizing Committee set up a plan to introduce the Japanese agricultures in detail by collecting and arranging the results from every prefectural agricultural experiment station of Japan. From their results of the exhibition, we, Organizing Committee had a intention to show all of the participants what strategy should be followed in developing and allocating the soil resources for use in agriculture in Japan, because Japanese agriculture, which is one of the most intensive agriculture system in the world, is faced with problems how to survive under the pressure of abundant importing agricultural products.

The Organizing Committee wishes to express its appreciation to the Secretary General, Dr. W. Sombroek, to the Deputy Secretary General, Dr. I. Szabolcs, to the Treasurer, Dr. D. Gabriels, as well as to the former officers of the Commissions for their help and cooperation. Through their participation in drawing up the program and especially for choosing the plenary speakers and symposia conveners who have contributed considerably both to choosing the speakers and carrying out the symposia and poster sessions.

Many thanks should also be extended to all co-workers and assistants of the special committees of the Organizing Committee, individual contributors and donors. Without their constant dedication and support, the Congress would not succeed.

For the Organizing Committee,
The Chairman: Prof. Kikuo Kumazawa



ACTIVITIES OF MEMBER SOCIETIES

BANGLADESH SOCIETY

The Soil Science Society of Bangladesh

The Soil Science Society of Bangladesh has been established in the year 1958. The founder president and the renowned Soil Scientist Dr. M. O. Ghani expired in 1989. His contribution to Soil Science started with the establishment of the Soil Science Department in the Dhaka University to teach soil science at under graduate and post graduate levels since 1948. The Department has since then expanded and now is one of the biggest Department. In the meantime University has a Department of Soil Science.

Many of the researches in the area of soil Science and Plant Nutrition in Bangladesh have been organized and this contributed significantly to raise food production from 6.5 million mt in 1954 to 19.5 million mt in the year 1990.

This year Bangladesh Soil Science has been represented in the 14th International Congress of Soil Science held in Kyoto, Japan from 12-18 August by about 10 Soil Scientists. The Society has taken initiative to hold a Inter-Congress meeting of the Commission IV of the ISSS in Dhaka, Bangladesh, in the year 1992. The theme of the Conference will be "improving Soil Management for Intensive Cropping in Tropics and Sub-Tropics". The notices will be circulated to all Soil Science Societies and Soil Scientists in the region to participate and contribute to the development of a technology package and a tropics already restraining/declining productivity.

The Bangladesh Society hopes to have wider participation from the Scientists specially the Soil Scientists to enlighten the participants with the latest information and ideas in removing constraints which still puzzles the Scientists and administrators in the region.

The conference is expected to be attended by the Soil Scientists from Europe, America and Africa as well.

CHINESE SOCIETIES

Soil Science Society of China

The Soil Science Society of China recently distributed the first announcement of an International Symposium on Paddy Soils to be held in Nanjine, China, during September 15 -19, 1992.

This is organized as the third symposium of the Paddy Soil Fertility Working Group of ISSS and as the first symposium on paddy soils of the Federation (ESAFS). It is expected to be supported by Potash and Phosphate Institute of Canada and other national and international organizations.

The main subject of the symposium will be "Nutrient Cycling, Soil Fertility, and Management in Sustainable Rice-based Cropping Systems", with the following 7 scopes:

1. Nutrient Cycling in Rice-based Cropping Systems.
2. Efficiency of Chemical and Organic Fertilizers and Its Improvement.
3. Water Management in Relation to Fertilizer Efficiency and Soil Fertility.
4. Tillage in Relation to Fertilizer Efficiency and Soil Fertility.
5. Rice-based Cropping Systems in Relation to Fertilizer and Water Management and Soil Fertility.
6. Environmental Impact of Intensive Fertilizer Use.
7. Resources and Properties of Paddy Soils.

Papers will be presented either orally or as posters. There will also be one day mid-conference field tour and five day post-conference field tours (either Wuxi-Hangzhou or Chengdu-Guilin).

Those who wish to participate should write to:

Dr. Gao Shihong
Secretary General of Organizing Committee
c/o Institute of Soil Science, Academia Sinica
P.O. Box 821, Nanjing
210008 China
FAX 0086-025-712663; TEL 712572

The Chinese Society (Taiwan) of Soil and Fertilizer Sciences

Founded in 1954, the Chinese Society of Soil and Fertilizer Sciences currently has 351 individual members and 20 group members. The Society regularly issues two publications, "Soils

and Fertilizers in Taiwan" Bulletin published annually in English and the "Soil and Fertilizer Newsletter" published quarterly in Chinese. The 1990 edition of the "Soil and Fertilizer in Taiwan" will be ready for distribution by December 1990. This volume contains reports, reviews and abstracts of research papers published in Taiwan or abroad between 1988 and 1989. Every member Society of the federation will receive a complimentary copy of this publication. Any useful comments and feedback will be greatly appreciated. A special issue (No. 29) of "Soil and Fertilizer Newsletter" will also be published to celebrate the Society's annual meeting to be held from Dec. 7 to 9, 1990 at National Taiwan University. The Society presented two 1990 honor awards. The winner for the Society Award was Dr. T. C. Juang, mainly for his dedication in soil fertility and plant nutrition research. Dr. M. M. Kao was the winner of the Scientific Paper Award, with his contributive work on fungal metabolites as growth inhibitors of sugarcane and the mechanism of phytotoxicity.

With the financial support provided by the Provincial Department of Agriculture and Forestry, the Society recently completed a two year detailed pilot project for improvement of field land productivity in Taiwan. The project results will be useful as important guide for land improvement planning. The Society also co-sponsored a symposium on "Control on Soil Pollution" hosted by National Taiwan University. The symposium was added some international flavor by the invited paper presentations of Dr. A. L. Page from U.S.A. and Dr. H. Kobayashi from Japan. The society is going to organize a symposium on "Influence of Farming System on Crops and Soils" in June 1991. A 20-minutes video tape prepared under the supervision of the Society on nutrient diagnoses for fruit crops was released for local farmers' associations. In addition, a handbook compiled by the members of the Society on fruit crops nutrient deficiency and toxicity diagnoses will be available in 1991. Dr. Stanley Barber, Emeritus Professor of Soil Science, Purdue University, was invited by the National Science Council and the Society to visit Taiwan in July 1990 for two weeks. During his stay Dr. Barber presented three seminars on soil nutrient models at National Taiwan University, National Chung-Hsing University and Taiwan Sugar Research Institute, respectively. The Society wishes every reader a happy New Year.

KOREAN SOCIETY

Korean Society of Soil Science and Fertilizer

1990-General Conference was held at Kunkuk University in Seoul, on 23th of June 1990, attending 256 members. New staffs was elected for next two years.: Dr. Yong-Hwa Shin, Director General of Research Bureau, Rural Development Administration were elected as president of KSSSF for coming two years. Five vice-president were also elected, Dr. Tai- Soon Kim; Kunkuk University in Seoul, Dr. Young-Dae Park; Agricultural Sciences Institute, Dr. Sun-Ho Yoo; Seoul National University, Dr. Chang-Soo Yuk; Chungbuk National University and Dr. Dae-Ung Choi; Kyeongbuk RDA.

Past staffs were Chun-Suh Park (President), Hyung-OK Kim, Yong-Hwa Shin, Ki-Tae Um and Sun-UK Lim (Vice president). Dr. In-Sang Jo (Executive secretary), Dr. Bok- Young Kim (editorials) and Dr. Jung-Hui Yoo (Researches) were appointed as new secretary staffs and they are all senior researchers in Agricultural Sciences Institute.

The meeting approved the income and expenditures \$30. 430 of KSSSF for June 1990 through June 1991. Paper presentation were held in afternoon session 13 papers in soil physics, classification, morphology, '90 Extraordinary General Conference held at Biotechnology Seminar Room in agricultural Sciences Institute on 23th of October in 1990. 250 members attended and 11 scientists became the new members. Three invited lectures and 17 scientific papers were presented.

Journal of KSSSF is issued quarterly with one volume a year. It is open to papers in Korean and English by members of society from soil science and plant physiology, fertilizer use and technology, and agricultural pollution. Up to 6 printed pages are free of charge. Author receives 50 free copies. The subscription fee is \$15 + postage \$4.0 (US) per issue.

JAPANESE SOCIETY

Japanese Society of Soil Science and Plant Nutrition (JSSSPN)

The Japanese Society will hold its 1991 annual meeting as follows:

Place: Nagoya University
Furocho, Chigusaku, Nagoya
Time : April 2 -4 1991

There will be some 370 papers presented either orally or as posters, In addition there will be 3 symposia on the following topics:

1. Analytical method for soil constituents, part 11.
---Seeking for new experimental methods and approaches---
(Jointly organized by Commissions II, III and IX)
2. Countermeasures to suppress soil borne plant diseases.
(Jointly organized by Commissions IV and VIII)
3. Food quality and soil fertilizer technologies.
(Jointly organized by Commissions V, VI, VIII and X).

(Commissions; I-Soil physics; II-Soil chemistry; III-Soil mineralogy and colloidal complexes; IV-Soil biology; V-Mineral nutrition; VI-Plant metabolism; VII-Paddy soil fertility; VIII-Upland soil fertility; IX-Soil genesis, classification and survey; X-Fertilizer; XI-Environmental protection)

Dr. T. Mae (Tohoku Univ.), Dr. T. Mizuochi (Hokkaido Agric, Expt. Sta.), and Dr. T. Yoneyama (Nat. Agric. Res. Center) will be granted the Achievement Award, and Dr. K. Nakabayashi and Dr. S. Shojima will be granted the Encouragement Award at the annual meeting at Nagoya.

THAI SOCIETY

The Soil and Fertilizer Society of Thailand

The Soil and Fertilizer Society of Thailand is going to hold the Second Asian Conference on Mycorrhiza (ACOM 91) at Chiang Mai, Thailand on March 12-15 1991. Those interested are cordially invited. For further information and correspondence please contact;

Dr. Omsub Nopamornbodi
Conference Secretary
P.O. Box 1076, Kasetsart Post office
Kasetsart University Campus
Pahonyothin Road, Bangkok
Bangkok 10903,
Thailand.

FAX : (662) 579-7523

Telex : 84478 INTERAG TH RHIZOBIUM SLD

FIRST WORKSHOP TO BE HELD

The Japanese Society is considering to sponsor the first workshop of the Federation during 1991 with an aim to correlate the national systems of soil classification among the countries in East and Southeast Asia. This will partly be sponsored also by SMSS, Each country has its own system or systems of soil classification and it is highly desirable to correlate it with those of the neighboring countries. The details of the meeting will be announced later through the Newsletter.

For further information, contact to:

Dr. Naoko NISHIZAWA, Secretary General
Dr. Takahiro INOUE, Editor

ESAFS-Office (1991-1992)
c/o Japanese Society of Soil Science
and Plant Nutrition
202, 26-10, Hongo 6-chome, Bunkyo-ku
Tokyo 113, Japan.

Contribution to the ESAFS-Newsletter are invited and should be sent to the above address. We heartily expect further societies joining to us.

The logo for ESAFS (East and Southeast Asian Federation of Soil Science) is displayed in a stylized, blocky font with horizontal lines through the letters.