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1992  
**05**  
December

# N NEWSLETTER

ESAFS

EAST AND SOUTHEAST ASIA FEDERATION OF SOIL SCIENCE SOCIETIES



- at the Flaming Mountains
- 28 Aug.: Visiting the Desert Control Station, then scanning the Aydingkol Lake which is 154.5m below the sea level, the lowest point in China, and surveying desert soils with salic pans and places where "Kanerjing Wells" are scattered, then returning to Urumqi
- 29 Aug.: Departure

**Language:** English

**Topics:**

Papers (oral and poster) are welcome on all the scopes as following:

- \* Genesis and classification of arid-desert soils
- \* Physical and chemical properties of arid-desert soil
- \* Sustainable agricultur and management of arid-desert soils
- \* Human impact on arid-desert soils and the results in globe change
- \* Approach on arid-desert soils and their environment
- \* Mechanism and protective measurement of arid-desert soils degradation.
- \* The methodology of arid-desert soils research (Include GIS, Cartography and

Remote Sensing)

6 Pages including text, figuer, table and reference are available. For the better editing, please send the full paper on a floppy disk to the Organizing Committee

Deadline for full paper: By 30, may 1993

**Payment**

- \* Registration fees: US \$ 200
- \* Accommodation: single room US \$ 90 / day double room US \$ 130 / day in Urumqi City, single room US \$ 100 / day double room US \$ 130 / day during field trip

(including meals and transportations, half prices for students.)

**Weather:**

In August, weather in Urumqi is warm and droughty with daily maximum 15-25°C, but climate greatly varies along the field-trip line even from minus in the top of the Tianshan Mts. to about 35°C in the Tulufan Basin.

**General Information**

**Place:** Urumqi City, Xinjiang of China

**Dates:** August 21-23, 1993 for room meeting and August 24-28 for field-trip

**Sponsor:** People's Government of Xinjiang

The Chinese Academy of Sciences

**Supporters:** International Society of Soil Science, Commission V

East and Southeast Asia Federation of Soil Science Societies

Soil Science Society of China

The National Natural Science Foundation of China

Soil Conservation Services, USDA  
Other organizations we are contacting

**Organizers:**

Nanjing Institute of Soil Science, Academia Sinica  
Xinjiang Institute of Biology, Pedology & Desert Research, Academia Sinica

**Organizing Committee:**

Dr.H. Eswaren (USA)  
Prof. Zhao Qiguo (China, Chairman)  
Dr.A. Osman (Syria)  
Prof. Li Sugang (China)  
Dr. Cao Zhihong (China)  
Prof. Gong Zitong (Secretary General, China)

**Mailing Address**

For registration, abstracts and any questions, please you contact with:  
Dr. Gong Zitong, Secretary-General, Institute of Soil Science, Academia Sinica  
P.O.Box 821, Nanjing, PR China

**The Chinese Society of Soil Science and Fertilizers (Taiwan)**

**1992 Activity**

1. "3rd Workshop of Soil Pollution and Protection"  
——on Feb. 15–16, 1992. at Taichung City. (250 persons)
2. "Land Productivity, Planning and Utilization Workshop"  
——on April 17–18, 1992. at Taichung.(100 persons)
3. "Workshop of Characteristics and Remediation Techniques of Acid Soils"  
——on May 7–8, 1992. at Taichung.(280 persons)
4. "Workshop of Effect of Agricultural Resources and Materials on the Environments"  
——on May 24–25, 1992. at Taipei.(250 persons)
5. "Workshop of Application Techniques and Recommendation Methods of Fertilizer"  
——on June 6–10, 1992.(120 persons)
6. "1992 Annual Meeting of Society"—Dec., 1992. (150 persons)
7. Publication of "Atlas of Symptom of Elemental Deficiency in Crop" (2nd edition)  
——June 1992.
8. Publication of "Methods of Soil Analysis in Taiwan"—Dec., 1992

**1993 Activity**

1. "4th Workshop of Soil Pollution and Protection"

- on Feb., 1993. at Taipei. (250 persons)
2. "Workshop of Soil Survey Techniques and Explanations on Forest Soils"  
—on Feb., 1993. at Taichung. (60 persons)
3. "Second International Conference on the Biogeochemistry of Trace Elements"  
—on Sep. 5–10, 1993. at Taipei. ( 200 foreign participants + 150 local participants = 300 persons)
4. "1993 Annual Meeting of Society"  
—on Dec., 1993. at Taichung. (150 persons)

### **Thai Society**

Tentative Schedule of Current Activities of Soil and Fertilizer Society of Thailand  
8 December 1992 Technical Seminar on Foliar Application for Economic Fruit Trees; expecting 200–300 participants from agencies and farmers involved; a one day event.

April 1993 Workshop on Sustainable Agriculture: Concepts and Measurement; expecting 100–150 participants worldwide; co-organizes with Natural Resources Program. ATT, Bangkok; 4–5 days.

May 1993 Technical Aeminar on National Soil and Fertilizer Policy and the Society Annual Convention; expecting 300–400 Participants

For further information, contact to:

Prof Gong Zitong

Secretary General

ESAFS–Office (1993–1994)

C / O Institrte of Soil Science, Academia Sinica

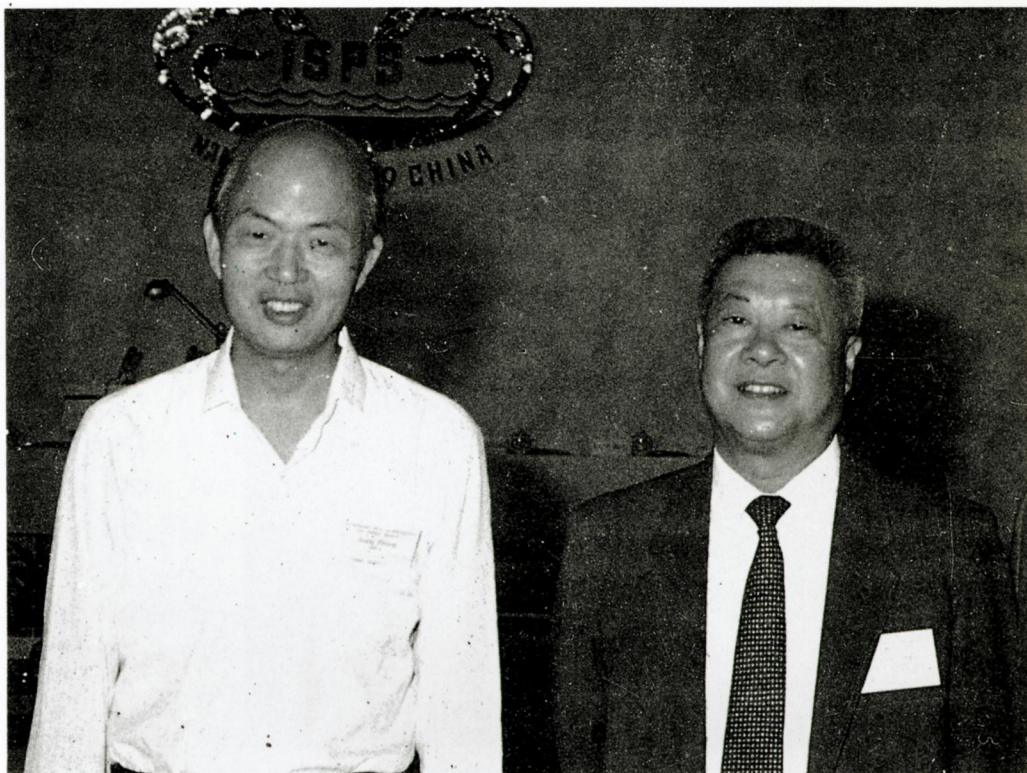
P.O.Box 821, Nanjing 210008

P.R.China

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



Secretary  
General  
Professor  
Gong Zitong  
President  
Professor  
Zhao Qiguo



Participants at the ISPS

# **SUMMARY OF THE OFFICIAL MEETING OF ESAFS AT NANJING**

**September 17, 1992, Nanjing, China**

On the occasion of the International Symposium on Paddy Soil Fertility held at Nanjing on Sep. 15–19, 1992, the following society representatives designated by the respective national societies got together to hold the official meeting of ESAFS.

Dr. Zhao Qiguo, China(Mainland)

Dr. Iwao Watanabe, Japan

Dr. Gong Zitong, China(Mainland)

Dr. In Sang Jo, Korea

Dr. Zueng–Sang Chen, China (Taiwan)

Dr. Molto Zahari Abu Balcar, Malaysia

Dr. G. Dev, India

Dr. M. Tahir Saleem, Pakistan

Dr. Cezar P. Mamaril, Indonesia

Dr. Sakorn Phongpan, Thailand

The meeting was chaired by Prof. Zhao Qiguo. He proclaimed the organization of the second officials of ESAFS.

President, Prof. Zhao Qiguo, Chinese Society of Soil Science

Vice–president, Dr. Wan Sulaiman Wan Harun, Malaysia Society of Soil Science

Secretary General, Prof. Gong Zitong, Chinese Society of Soil Science

Professor Gong Zitong gave a report on the recent activities of ESAFS. Representatives of member societies exchanged their ideas and reported some activities of their societies briefly. After a short discussion, the following results were determined.

1. Officials of the 2nd term Federation.
2. Newsletter No.5 will be published by the end of 1992.
3. The letter of thanks to Dr. Kazutake Kyuma was approved unanimously by meeting representatives.
4. A proposal for the compilation of the soil map of east and southeast Asia was presented by president society–Chinese society, representatives of member societies agreed with it basically. However, financial resource is to be searched for the final map publication.
5. An International Workshop on Classification and Management of Desert Soils will be co–organized by Chinese Soil Science Society and the second term ESAFS. The workshop will be held on August 21–29, 1993, in Urumqi, China. Malaysia society promised to hold another academic meeting in 1994.
6. Pakistan society has been accepted as a new member of ESAFS.

The official holder of ESAFS hopes all member societies contribute news of their activities and updated progress in scientific research of soil science, to promote communication among member societies in east and southeast Asia.



## Letters of thanks and congratulations

Dr. Zhao qiguo  
President, ESAFS  
c/ o Institute of Soil Science, Academia Sinica  
P.O.Box 821, Nanjing  
People's Republic of China

Dear Dr. Zhao:

I have received a certificate and a souvenir presented to me from your society at the time of the Nanjing symposium. They had been brought back to Japan by Dr. Watanabe and sent to our Society, which kindly relocated them to me a few days ago.

I feel most honored to be given the title of 中国土壤学家之友

from your Society. The certificate will be kept as one of my most precious treasures for my life. Last July I was also conferred the Honorary Doctor of Science Degree (Agriculture) from Kasetsart University of Thailand. These two titles given from China and Thailand are the most honorable reward to my work as a soil scientist in the East and Southeast Asian region. The fine souvenir will decorate the drawing room of my home together with many souvenirs from different countries of the region. Thank you very much for the kindness and thoughtfulness with which you conferred me the honor and the souvenir.

Would you please convey my sincere gratitude to Prof. Gong Zitong and Prof. Xie Jian-chang?

With my best wishes and regards,

Sincerely yours,



Kazutake Kyuma  
Kyoto University

Prof. Zhao Qiguo, Director  
Institute of Soil Science, Academia Sinica  
P.O.Box 832, Nanking  
People's Republic of China

October 12, 1992

Dear President Zhao:

First of all, I would like to congratulate on the success of ESAFS held in Nanjin last month. I also would like to express my hearty thanks to your appreciation letter with memorial of cat tablet to Prof. K.Kyuma and your appreciation letter to Dr. N.Nishizawa. Dr. K.Minami showed me the proceedings of ESAFS which includes a variety of interesting papers. I wish further development of ESAFS.

Sincerely yours



Sadao SHOJI  
President of Japanese Society of  
Soil Science and Plant Nutrition

Prof. Zhao Qiguo  
President of ESAFS and Soil Sci. Soc. of China  
c/o The Institute of Soil Science  
Academia Sinica  
P.O. Box No. 821 Nanjing  
People's Republic of China

5th. Oct. 1992

Dear Prof. Zhao

First of all I apologize for not replying immediately your / Dr. Zahari's fax of Sept. 16, 1992. I was in the Philippines at that time. Secondly, we regret very much that Dr. Mohd. Khanif and Dr. Alias Hussein could not make it to the paddy soil seminar in Nanjing. It was fortunate that Dr. Zahari Abu Bakar was present at the meeting and presented our views. He has since briefed me on what transpired at the meeting.



Referring to your fax of Sept. 7, 1992, due to the limited time available for a response, our society agreed in principle to host the ESAFS Conference together with ISSS Paddy Soils Workshop at the end of 1994 or in 1995. Your suggestion for the expanded theme was very well received and we will consider the best way of accommodating the needs of the ISSS working group on Paddy Soils into the expanded scope. We hope to communicate to you our definitive plan and agenda before the end of November.

With best wishes.

Yours sincerely,



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(Dr. Wan Sulaiman Wan Harun)  
Vice President ESAFS  
President Malaysian Society of Soil Science.

P.S: I had a visit from Dr. Phan Lieu, Member of the Scientific Committee of the Vietnamese Society of Soil Science. He showed great interest in ESAFS and will probably write you soon. Thank you.

### **BRIEFS**

#### Symposium on Environmental Change of Soil

A national symposium on "Environmental change of soil" was held at Suzhou, Jiangsu province, December 14-19, 1992, under the sponsorship of Soil genesis, Classification and Geography Committee, Soil Science Society of China; and Cooperative Research Group on Chinese Soil Taxonomic Classification; Laboratory of Material Cycling in Pedosphere. Professor Gong Zitong was responsible for the symposium organization. 80 participants from all over China presented their papers which focused on various aspects of environment impacts on soils and impacts of soil processes and degradation on environment. Proceedings of this symposium was already published in the title of "Environment Change of Soils".

### **NEWS**

#### 3rd INTERNATIONAL FORUM ON SOIL TAXONOMY AND SUSTAINABLE LAND MANAGEMENT

Will be held at the Soils Research and Development Center, Bureau of Soils and Water Management, Elliptical Road, Diliman, Quezon City, Philippines, May 17-28, 1993  
Please Contact To:

Dr. Amado R. Maglinao, coordinator, International Forum Organizing Committee  
PCARRD, Los Banos, Laguna 4030 Philippines, Fax (632) 094-50016

## **REPORT OF INTERNATIONAL SYMPOSIUM ON PADDY SOILS**

The International Symposium on Paddy Soils was held in Nanjing, China from September 15 to 19, 1992. It is also a conference of the third symposium on Paddy Soil Fertility and the first symposium on Paddy Soils in East and Southeast Asia Federation. It was organized by Paddy Soil Fertility Working Group, ISSS, East and Southeast Asia Federation of Soil Science Societies, Institute of Soil Science, Chinese Academy of Sciences. Supported by Potash and Phosphate Institute of Canada, The National Natural Science Foundation of China, The Sulphur Institute and AIDAB Australia.

114 participants from 14 countries and regions (Include Taiwan and Hong Kong) attended this workshop. 68 papers were presented. The proceedings of the workshop carry 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

A proposal had been passed after the meeting that The 4th International Workshop on Paddy Soil Fertility will be held in Malaysia, 1994.

Two field excursions had been carried out after meeting. Tour A is in Southeast China, It goes through Jiangsu and Zhejiang Provinces, covering the Taihu Lake Region and the Hangjiahu Plain, which are known as the "land of rice and fish" and are the two of the high-yield rice regions in China. Rice has been grown in this area for a long period, and there are many good patterns of morphological profile of well developed paddy soils. Tour B is in Southwest China. It covers Sichuan and Guangxi Provinces. Sichuan has long been called "the heavenly land" because of its fertile farmland, its mild climate and its rich produce. The extensive farmland makes this province one of the most important cereal (mainly rice) producers in China. In Guangxi, the paddy soils are developed on karst.

At the end of the workshop a general conclusion was summarized below.

IRRI and national research systems should intensify rice research which will develop knowledge and technologies for both unfavorable and favorable ecosystems. Greater emphasis should be placed on process-oriented research which has substantial extrapolation domain and address long-term sustainability concerns.

Much more attention should be given to describing details in methodology, data processing including statistical analysis to be understood by international science communities.



## THE MEMBER SOCIETIES

### **Bangladesh**

Secretary General  
Dr. Tofazzal Husain Khan  
Associate Professor  
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Phone: 5000397

### **China—Main Land**

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### **China—Taiwan**

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Tel. 03-4822059; Fax 03-4824716

### **Indonesia**

The Secretary  
Soil Science Society of Indonesia  
c/o Center for Soil Research  
Bogor, Indonesia

### **India**

The Secretary General  
The Indian Society of Soil Science and Agr.  
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Indian Agricultural Research Institute  
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India

### **Japan**

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Japan

### **Korea**

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### **Malaysia**

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Malaysia

### **Pakistan**

### **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. Irb. Kheoruenromne  
Soil and Fertilizer Society of Thailand  
c/o Department of Soils  
Faculty of Agriculture  
Kasetsart University  
Bangkok 10903  
Thailand

# ACTIVITIES OF MEMBER SOCIETIES

## Soil Science Society of China (Mainland)

### FIRST ANNOUNCEMENT

of

International Workshop on Classification and Management of Arid-Desert Soils

August 21-28, 1993 Urumqi, China

Organizing Committee

#### Background

Arid soils of China lie in the hinterland of the Eurasia Continent, with an area of about 1.3 million sq. km, amounting to 20% of the land of the country. Compared with other countries, they possess unique features: 1. Great undulating relief, from the almost lowest inland basin of the world—the Tulufan Basin, 155m below sea level, to Kunlen Mts., 7,000m above sea level; 2. Extremely arid climate, with an annual rainfall of less than 50mm in most areas or even as low as several mm in some areas; and 3. Long history of soil-forming process under arid climate, in particular, the climate became much arider after the Himalayan Movement during the late Tertiary.

However, aridness, desertification and salinization are still constraint factors for the utilization of these soils and there are some serious problems to be solved in this region. This workshop will provide an opportunity for soil scientists from all over the world to investigate arid-desert soils on-the-spot in China, and to promote its studies on classification, management and environment. Doubtless, arid-desert soils of China can be regarded as a real window for the exploration of those of the world. And once improved and protected properly, these soils will contribute greatly to sustainable agriculture and livestock in the world.

#### Itinerary

- 20 Aug.: Registration (Urumqi)
- 21 Aug.: Opening ceremony and plenary session
- 22-23 Aug.: Group sessions
- 24 Aug.: Leaving for Fukang Desert Ecological Experiment Station to survey Natric and Argillic aridisols and their utilization and management through an ancient "Silk Road"
- 25 Aug.: Investigating mountain soils and visiting the famous Heaven Lake
- 26 Aug.: Leaving for Tokeson and in the way visiting Glacial Station in the Bogeda peak of Tianshan Mts, with 5445 meters above sea level and looking wind eroded landscapes and surveying frozen arid soils.
- 27 Aug.: Leaving for the Tulufan Basin to survey brown desert soils and glancing