



International Commission of Agricultural and Biosystems Engineering

CIGR

Newsletter Quarterly

Newsletter No. 82
October 2008

Since 1930–2008
78 Years of CIGR

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Commission Internationale du Génie Rural (CIGR)

CIGR Website: <http://www.cigr.org/>

1. CIGR NEWS

Letter from the president

The CIGR International Conference — CIGR 2008 — which took place in Brazil, in September 2008, was a success. Approximately 900 delegates from 40 countries presented nearly 1000 papers both orally and in poster presentations covering areas related to Agricultural and Biological Engineering.

Besides Brazilian the second largest was from the followed by the from Japan (25). from all were present. The of the conference



Prof. Irenilza Naas

the knowledge for development', and it was expected that this idea was truly achieved to a great extent, not just during the oral presentations but also during the poster sessions, considering the discussions on research and interaction among colleagues from all over the world. Nearly one third of the delegates were undergraduate and graduate students, who were meeting for the first time authors of the most cited references in Agricultural Engineering publications.

The keynote speakers addressed themes related to the awareness of the need for sustainable agricultural production, education and bio-energy development. These themes were linked to the problems of this century, that is, feeding an ever increasing world population and developing better ways of natural resource management. The thematic symposium practically overlapped all areas related to Agricultural and Biosystems Engineering, and was promoted by specific lectures that also encouraged discussions on updated technologies. The technical tours included visits to various sites around Itaipu Dam and Lake, which is one of the world's largest hydroelectric power plant complexes. The delegates, some of them accompanied by their families, also

participants, delegation USA (52), delegation Colleagues continents central theme was 'Sharing

took the time to visit Iguassu falls, which is one of nature's greatest achievements in the middle of a tropical rainforest. I am convinced that the multidisciplinary forum put together in this Conference contributed to improving our understanding of the new complex and the important issues of food, fibre and energy production in a changing world. We were also fortunate to have had a wonderful opportunity to share our knowledge with our colleagues. That was a great opportunity for young scientists to meet colleagues from abroad. I felt greatly honored to be given the opportunity to host such an important CIGR event for the first time in Latin America and Brazil.

*Prof. Irenilza de Alencar Nääs
CIGR President, 2007–2008*



Opening Ceremony on 31 August 2008 in Iguassu Falls, Brazil

CIGR Meetings were held at CIGR International Conference 2008 30 August – 3 September 2008, in Iguassu Falls City, Brazil

The following are the summarised reports of the CIGR administration meetings by the Secretary General: **Date:** 30 August – 3 September 2008 **Venue:** Bourbon Cataratas Resort & Convention Center, Iguassu Falls City, Brazil

This report describes the Elections, Approvals by General Assembly, CIGR Awards 2008, CIGR Governing Bodies, CIGR World Congresses and Conferences, and Other details.

1. Elections:

The Secretary General presented the ballot results. Prof. Fedro Zazueta and Prof. Toshinori Kimura were unanimously elected as the Incoming President and Secretary General, respectively.

2. Approvals: The following were presented by the Executive Board and Technical Board. All of the following were unanimously approved: 1) Revision of CIGR Statutes – The revised statutes will be issued by CIGR NL 83 and will be effective from 1 January 2009. Careful attention will have

to be paid to ensure that the revised statutes are modified to carry the English name of CIGR, in keeping with the International Commission of Agricultural and Biosystems Engineering including some sentences in the statutes. 2) The introduction of two new chairpersons for the WG of Rural Landscape Protection and Valorization by Dr. Ken Ohno and for the WG of Image Analysis for Agricultural Processes and Products by Prof. Enrique Molto. 3) Expenditure budgets for CIGR 2006–2007 to be reported by the auditor. 4) CIGR 2008–2009 planned budgets (Annex 2). 5) CIGR International Conference 2012, collaborative efforts by Spain and EurAgEng. 6) CIGR International Symposium 2011, Tokyo, Japan. 7) New members of Ghana (2007 in Glasgow) and the Korean Society of Agricultural Engineers. 8) The chamber of Cyprus Turkish Agricultural Engineers to be a corporate member. 9) Conference levies in Brazil are 20 USD/participant.

The sending of the following three items to the new committee as task force was postponed and will be established at the next Presidium Meeting:

- 1) Revision of CIGR Award System
- 2) The membership fees before 2006 is shelved.
- 3) The criteria of CIGR sponsored and co-sponsored, which are related with levies for CIGR finance

3. CIGR Awarding 2008: See the table below.

4. CIGR Governing Bodies: The President introduced the Executive Board, the Section Boards, the current Working Groups and new Working Groups created on the occasion of this Conference. There was a change in name of the Section IV Board. The new name of 'Energy in Agriculture' was approved by TB. Auditor Mr. Kishida reported briefly about the activities of auditing.

5. CIGR World Congresses and Conferences:

a) The XVII CIGR World Congress 2010, Québec, Canada, 13–17 June 2010; b) The XVIII CIGR World Congress 2014, Beijing, China; c) The 3rd CIGR International Conference, 8–12 July 2012, Valencia, Spain; d) Other events sponsored by the CIGR, The CIGR International Symposium, 19–23 September 2011 to be held in Tokyo, The 4th International Conference 2016 was proposed to be held in Denmark.

6. Others: 1) The SG spoke of the need for management of the CIGR logos because there are nine kinds of logo and they were used for the CIGR Congresses, Conferences and Symposia. The SG stressed that at least 2 to 3 kinds of logo

were to be managed. This was sent to the new committee as task force at the next Presidium Meeting. 2) The GA approved that CIGR is to be a co-sponsor of the 3rd International Conference and Exhibition of Renewable Energy 2010, 28 June – 2 July, in Yokohama, Japan. 3) The auditor, Mr. Yoshisuke Kishida, proposed that we seek a financial support system in the CIGR. This suggestion was also to be considered as task force at the next Presidium Meeting. 4) The short names of Section Boards were to be considered at the new committee as task force.

*Prof. Emeritus Takaaki Maekawa
Secretary General of CIGR*



Executive Board Meeting in Brazil

CIGR Awarding 2008 (celebrated on 3rd September at the Gala Party)

Award	Person	Reason
E-Journal Prize	Dr. Hiroaki Tanaka, Dr. Akira Oida, Dr. Masamichi Daikoku, Dr. Koji Inooku, Dr. Osamu Sumikawa, Dr. Yuji Nagasaki and Dr. Masahiro Miyazaki	DEM Simulation of Soil Loosening Process Caused by a Vibrating Subsoiler, PM 05 010, Vol IX, November, 2007
	Mr. Renji Remesan, Mr. M. Symaladevi Roopesh, Mrs. Neelancherry Remya, Mr. P. S. Preman	Wet Land Paddy Weeding - A Comprehensive Comparative Study from South India, PM 07 011, Vol. IX, December, 2007
	Dr. Ing. Ruediger Freimann	A Basic Approach to Implement Guided Tractor Control, ATOE 07 003. Vol. IX. July, 2007
Armand Blanc Prize	Ms. Sandra Carvalho Mr. Gonçalo Rodrigues	Energy Performance of Sprinkler Irrigated Maize, Wheat And Sunflower in Vigia Irrigation District
	Mr. Patrick Jackman	Prediction of Beef Palatability From Digital Image Features
Recognition Award (President's Citation)	Prof. Da-Wen Sun	Distinguished achievements in Agricultural Engineering
	Prof. Omar Ulloa	Contribution as ALIA president from 2004–2008
	Prof. Marcos V. Folegatti	Contribution to the CIGR International Conference 2008 in Iguassu Falls
	Prof. Jarbas Honório de Miranda	Contribution to the CIGR International Conference 2008 in Iguassu Falls
Merit Award	Prof. Axel Munack	Continuous support to CIGR
	Prof. Schulze Lammers	Continuous support to CIGR
	Prof. Leonid P. Kormanovsky	Continuous contribution to the CIGR activity in the Russian Federation
	Mrs. Frauke Beeken	Unstinting dedication to CIGR as a secretary
	Dr. Narendra Kumar Tyagi	Continuous contribution to the Technical Section I
	Prof. Jiannong Xin	Contribution to the development of the new CIGR Web page
Honorary Presidents	Prof. Axel Munack Prof. Luis Santos Pereira	Work as former President of CIGR
Honorary Vice Presidents	Prof. Fedro Zazueta	Upgrading the CIGR Website

CIGR Elections 2008

Composition of the CIGR Board for 2009–2010

Presidium	
President	Prof. Søren Pedersen
Past President	Prof. Irenilza de Alencar Nääs
Incoming President	Prof. Fedro Zazueta
Secretary General	Prof. Emeritus Takaaki Maekawa, Prof. Toshinori Kimura (2010-2013)
Executive Board	
1. Prof. Jiannong Xin	(ASABE)
2. Prof. Vilas M. Salokhe	(AAAE)
3. Prof. Daniele De Wrachien	(EurAgEng)
4. Prof. Omar Ulloa	(ALIA)
5. Prof. Oleg Marchenko	(EAAAE)
6. Prof. Nikolay Mihailov	(AAESEE)
7. Prof. Marcos V. Folegatti	(Brazil, International Conference 2008)
8. Prof. Yohei Sato	(Japan, Sections)
9. Prof. Shujun Li	(China)
10. Prof. Lal Kushwaha	(Canada, World Congress 2010)
11. Prof. El Houssine Bartali	(Arabian Countries)
(Co-opted)	
1. Prof. Da-Wen Sun	(Coordination of Working Groups)
2. Prof. Peter Schulze Lammers	(Continuance of CIGR)
3. Prof. Bill Stout	(Ejournal)
4. Mr. Yoshisuke Kishida	(Asian Countries and Public Relations)
Auditing	
Prof. Josse De Baerdemaeker, Prof. El Houssine Bartali, Mr. Yoshisuke Kishida	

Section Boards

Section I: Land and Water Engineering			
Chair	Jose M. Tarjuelo (ES)		
Vice Chair	Pat D. Taylor (USA)		
Secretary	Guanhua Huang (CN)		
Members	Mario Falciai (IT)	Akira Goto (JP)	(Hon. Chair)
	Jose M. Goncalves (PT)	Amadou H. Maiga (EIER)	Hubert N. van Lier (NL)
	Gerrit J. Carsjens (ND)	Terry A. Howell (US)	Luis Santos Pereira (PT)
	Narendra K. Tyagi (IN)	Enrique Palacios (MX)	Andre Musy (CH)
	Budi I. Setiawan (ID)	Jose A. Morabito (AR)	Yohei Sato (JP)
		Jarbas Honorio de Miranda (BR)	Mauro Greppi (IT)
Section II: Farm Buildings, Equipment, Structures and Environment			
Chair	Daniel Berckmans (BE)		
Vice Chair	Thomas Banhazi (AUS)		
Secretary	Eberhard Hartung (GE)		
Members	Giovanni Cascone (IT)	Baoming Li (CN)	Hisamitsu Takai (DK)
	Joseph Flaba (BE)	Vasco Fitas Cruz (PT)	Victoria B. Vidal (ES)
	Richard Gates (US)	Nikolay Morozow (RU)	(Hon. Chair)
	Eileen F. Wheeler (US)	Gert-Jan Monteny (NL)	Soren Pedersen (DK)
	Shuso Kawamura (JP)	Daniella J. Moura (BR)	(Hon. members)
	Tadeusz Kuczynski (PL)	Krister Sällvik (SE)	Jorge Meneses (PT)
			Irenilza Naas (BR)

Section III: Equipment Engineering for Plants			
Chair	John K. Schueller (US)		
Vice Chair	John K. Schueller (US) (additional post)		
Secretary	(being adjusted)		
Members	El Hassan Bourarach (MA) Bassam A. Snobar (JO) Evandro C. Mantovani (BR) Noboru Noguchi (JP)	Ettore Gaspareto (IT) Vilas M. Salokhe (TH) Fang Xianfa (CN) Pierluigi Febo (IT)	William Chancelor (USA) Vladimir Popov (RU) (Hon. Chair) Oleg Marchenko (RU)
Section IV: Rural Electricity and Other Energy Sources→Energy in Agriculture			
Chair	Mikio Umeda (JP)		
Vice Chair	Milan Martinov (YU)		
Secretary	R. Cengiz Akdeniz (TR)		
Members	Pavel Kic (CZ) Janusz Piechocki (PL) Laurentiu Fara (RO) Nikolay Mihailov (BG)	Ramadani Abdellah (MA) Abdel Ghaly (CA) George Papadakis (GR) Jadir Nogueira da Silva (BR)	Bhattacharya Tarun (IN) (Hon. Chair) Zoltan Sibalszky (HU) Kamaruddin Abdullah (ID)
Section V: Management, Ergonomics and Systems Engineering			
Chair	Pietro Piccarolo (IT)		
Vice Chair	Claus Gron Soerensen (DK)		
Secretary	Ladislav Nozdrovicky (SV)		
Members	Daan Goense (NL) Gajendra Singh (IN) Tarmo Luoma (FIN)	Hisashi Horio (JP) Matthias Schick (CH) Elisabeth Quendler (AT)	Miguel de Cervantes Villamuelas(ES) Jurgen Frisch (DE) (Hon. Chair) Tadeusz Juliszewski (PL)
Section VI: Postharvest Technology and Process Engineering			
Chair	Jozef Grochowicz (PL)		
Vice Chair	Shujun Li (CN)		
Secretary	Paolo Menesatti (IT)		
Members	Zhongli Pan (USA) Kiyohiko Toyoda (JP) Vilas M. Salokhe (TH) Cesar Kapseu (CM) Arzhang Javadi (IR)	Linus U. O' Para (OM) Manuela Zude (GE) Pavel Kadlec (CZ) Alain LeBail (FR) Francisco A. Calero (ES)	Amauri Rosenthal (BR) Margarita R. Altisent (ES) Laszlo Baranyai (HU) (Hon. Chair) Da-Wen Sun (IE)
Section VII: Information Systems			
Chair	Antonio Saraiva (BR)		
Vice Chair	Haruhiko Murase (JP)		
Secretary	Stavros Voigioukas (GR)		
Members	Josse De Baerdemaeker (BE) Roger Martin Clouaire (FR) Maohua Wang (CN) Kamil Okyay Sindir (TR) Enrique Molto (ES) John F. Reid (USA)	Hermann Auernhammer (GE) Vjacheslav Fedorenko (RU) Wilson Esquivel (CH) Fabricio Mazzetto (IT) Simon Blackmore (DK) Petraq Papajorgji (USA)	(Hon. Chair) Axel Munack (GE) Yasushi Hashimoto (JP) Nick Sigrimis (GR) (Liaison) Thomas Banhazi

- Red color shows a new member.

CIGR World Congresses and Conferences, 2010–2014

The XVII CIGR World Congress 2010 Québec, Canada, 13–17 June 2010

<http://www.bioeng.ca/Events/CIGR/index.htm>

The XVIIth World Congress of CIGR will be held in Quebec City, Canada, 13–16 June 2010. The Congress will be hosted by the Canadian Society for Bioengineering / Société canadienne de génie agroalimentaire et de bioingénierie (CSBE / SCGAB), which will jointly organize its 52nd Annual Conference.

At the present time, three other groups have confirmed that they will join the Congress. The American Society of Agricultural and Biological Engineers will hold its IXth International Drainage Symposium during the Congress. The American Ecological Engineering Society will organize its annual meeting in Quebec City within the CIGR Congress. The World Conference on Computers in Agriculture will also hold its annual meeting jointly. The presence of these groups will enhance the potential for scientific exchanges.

A website for CIGR 2010 is already available for those who plan to be a part of this international conference on agricultural and food engineering (www.cigr2010.ca). The website will be continuously updated in the coming months, with a call for papers in Spring 2009, abstracts are expected in Fall 2009 and full papers in February 2010.

We hope to see several of you at this meeting.

Dr. Philippe Savoie

Chair of the Scientific Program Committee of CIGR 2010

philippe.savoie@fsaa.ulaval.ca

Dr. Stéphane Godbout

Chair of the Local Organizing Committee of CIGR 2010

stephane.godbout@irda.qc.ca

The 3rd CIGR International Conference 2012, Valencia, Spain, 8–12 July 2012

The proposal of International Conference 2012 by the Spanish Society of Agricultural Engineering in collaboration with EurAgEng was explained in the CIGR General Assembly by Prof. Florentino Juste, the chairman of the AgEng 2012 and President of EurAgEng. The European Agricultural Engineering Society (EurAgEng) and the Spanish Society of Agricultural Engineering (SEAg) presented the proposal as the venue for CIGR International Conference 2012 in a Joint Conference CIGR-EurAgEng in Valencia (Spain) in 2012. The scientific programme will include plenary sessions, parallel oral sessions and poster sessions on topic areas arranged so as to accommodate the scientific activities of technical sections. We propose to focus the AgEng2012 Conference in *Agriculture & Engineering for a Healthier life*, including all technologies related with safe food and environmental production.

Valencia is the third largest city in Spain with a population of around 1,000,000

inhabitants.

It has a modern transport network comprising the Manises International Airport, extensive road, motorway and railway networks, and one of the best ports in Europe, all providing easy access from any part of the globe.

This proposal was approved at the CIGR General Assembly on 3rd September 2008.

The XVIII CIGR World Congress 2014 Beijing, China, Autumn 2014, Agricultural Engineering — Upgrading Our Life Quality

The XVIII World Congress of CIGR will be held in Beijing in 2014. The preparation of the big event is going on well and includes:

1. The sponsors of the XVIII CIGR World Congress 2014: International Commission of Agricultural Engineering (CIGR), Chinese Society for Agricultural Machinery, Chinese Society of Agricultural Engineering
2. The organizers of the XVIII CIGR World Congress 2014: Chinese Academy of Agricultural Mechanization Sciences (CAAMS), Chinese Academy of Agricultural Engineering, China Agricultural University
3. The time of the XVIII CIGR World Congress 2014 will be in the autumn of 2014—the golden season in Beijing
4. The central theme of the XVIII CIGR World Congress 2014 is 'Agricultural Engineering – Upgrading Our Life Quality'
5. The scientific programme includes plenary sessions, parallel oral and poster sessions, special sessions, exhibition and field trips.
6. The main topics will cover:
 - (1) Land and Water System Engineering
 - Irrigation and Drainage Modeling
 - Water Saving and Productivity
 - Soil Sustainability
 - Water Management
 - Soil Conservation and Improvement
 - Landscapes and Ecosystem
 - Environmental Criteria for Land Uses
 - Salinity, Water Treatment and Reuse and Contamination Control
 - (2) Machinery Engineering for Plant Production
 - Strategy and Development of Agricultural Mechanization
 - Innovation Technologies on Agricultural Equipment
 - Tractors
 - Tillage and Seeding
 - Harvesting Technology
 - Automation Technology
 - Fertilizing and Plant Protection
 - R&D for Farm Machinery and Equipment
 - (3) Bioprocessing System Engineering
 - Image Processing

- Drying and Dehydration of Agro-products
- Postharvesting Technology
- Food Quality
- Mathematical Modeling and Simulation for Food Processing
- Sensors for Quality Assessment Control
- Physical Properties of Agricultural products
- Food Packaging and Storage
- Thermal Processing, Chilling and Freezing
- Separation Process
- Biotechnology
- (4) Information Systems and Precision Farming
 - ICT for Agriculture
 - KIS/DSS
 - Crop Sensing
 - Data Acquisition and Management
 - Soil Sensing
 - Field Robots
 - Weed Control
 - Yield Sensing
- (5) Rural Electricity and Renewable Energy
 - Bioenergy Resources
 - Biogas
 - Biomass Handling and Processing
 - Biomass Emissions

- Energy Efficiency
- Liquid Biofuels – Biodiesel
- (6) Farming Buildings and Livestock Environmental Engineering
 - Livestock and Structure
 - Precision Livestock Farming
 - Livestock and Environment
 - Livestock Waste Treatment
 - Wind Erosion, Water Erosion, Environmental Protection
- (7) Management, Ergonomics and System Engineering
 - Farm Management Planning and Calculation
 - Safety and Ergonomics
 - System Engineering

We will distribute the first announcement of call for papers in 2010 at the XVII CIGR World Congress 2010, Quebec, Canada.

Beijing – a modern city with ancient charms – awaits you. Under the leadership and guidance of Presidium, Executive Board and Secretariat of CIGR, we will present you a wonderful World Congress of CIGR.

Prof. Shujun Li
Executive Board Member of CIGR

2. NEWS FROM REGIONAL AND NATIONAL SOCIETIES

International Symposium of the Australian Society for Engineering in Agriculture

Agricultural Technologies in a Changing Climate

13–16 September 2009, Brisbane, Australia

<http://www.sardi.sa.au>

Dear Colleagues/Friends,

We will have our International Symposium of the Australian Society for Engineering in Agriculture in Brisbane, Australia, between the 13th and 16th of September 2009.

I have had the pleasure of working with many of you over the years, and I would like to call upon your expertise and combined wisdom to assist our Society (SEAg) and to make this conference a success. Specifically, I would like to formally invite you to become a member of the 2009 SEAg Symposium Scientific Committee.

I hope that by doing so, you will be able to (1) promote this event in your respective countries and (2) help our society to design a first-class scientific program. In addition, you will be asked to assist with the co-ordination of the 'light reviews' for the submitted conference

articles. Our conference will not be fully reviewed, but a 'light review' will be undertaken to guarantee a minimum level of scientific standard. However, conference authors will be given the opportunity to submit to the Special Conference journal issue, currently negotiated with the Australian Journal of Multi-disciplinary Engineering.

I hope you will be able to contribute to the success of the 2009 SEAg International Symposium by becoming a member of the Scientific Committee.

Dr. Thomas Banhazi (Senior Research Scientist)
Chair of SEAg and the 2009 Conference on Scientific
Committee South Australian Research and Development
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1) KSAE history

The Korean Society of Agricultural Engineers (KSAE) was founded in 1957, a non-profit professional organization incorporated to serve the members working in various fields of agricultural engineering in Korea. The main thrust of the society is to promote agricultural engineering by providing quality service to the public through conducting relevant research and development, education, training and technical assistance to government and quasi-government projects. In 1975, a group of KSAE members who were primarily

associated with power and machinery decided to initiate a new separate organization, the Korean Society of Agricultural Machinery (KSAM). Since then, KSAE and KSAM have been registered as two professional and scientific entities in Korea. There are more than 2,000 dues-paid members of KSAE who have made great efforts for the economical and social development of rural Korea.

Looking back through the years, the field of agricultural engineering has existed within the common boundaries of agriculture and rural areas. Whenever there are changes in agricultural infrastructure or government policies in agriculture and rural life, KSAE has adapted and modified its professional goals to provide appropriate strategies and technologies that focus on agricultural developments and improving agricultural production and life in rural communities.

In the 1960s, the primary goal of the country was to achieve self-sufficiency in agricultural commodities production. And, agricultural engineers had devoted seamless efforts to help organize and develop proper technological infrastructure realizing that its immediate goals were establishing the foundation for a versatile agricultural production systems.

In the 1970s, in order to secure sufficient man-power and capital resources for rapid economic development, grand-scale agricultural projects had been launched by the government. The Society took this opportunity for modernizing its own structure and function for further improving the Korean rural communities. For instance, starting from the Gumkang-PyongTaek to the Saemangeum land reclamation projects, numerous national land reform and reconstruction projects would not have been planned and implemented without the technical support of the Korean Agricultural Engineers.

However, the late 1990s can be considered an important phase-transition period for the KSAE. With the improvement in overall living standard and well-being of the people in rural areas, the primary focus of agricultural engineering had shifted towards new projects such as 'Rural Community Development', 'Environmental Improvement of Rural Communities' and many other new concepts and technologies for development and improvement of amenities in rural areas. During this period, adaptive planning approaches had been introduced to the field of agricultural engineering for the first time. This method considers the importance of accounting for the apparent differences between land and people in development projects for rural communities.

At present, considering the worldwide trend of free trade and globalisation, Korea heavily relies on foreign imports for food, fiber and raw materials. Furthermore, due to the extremely high population density and the rapid progress and industrialisation, the environmental quality has been deteriorating at an alarming pace. This has prompted the KSAE to re-focus on sustainable developments in agriculture with clean source of food, environment, energy and well-being of the people especially in the rural areas. The Society is committed to continue its efforts to fulfill its ultimate goal of ensuring national food security, improving and protecting agricultural and rural land resources and improving the well-being of people in rural communities while catching up with the pace of globalization in Korea.

The Society celebrated its 50th anniversary in 2007.

Majority of the members of the society within the country and over 100 agricultural engineers around the world and presidents of six Agricultural Engineering societies from Australia, China, CIGR, Japan, Taiwan and USA graced the special event. The occasion highlighted the successful achievements of the KSAE over the last half century. International cooperation was also forged with well known societies around the world sharing a common vision and ideas for the prosperity of mankind. The KSAE has already been deeply involved in scientific and technical international cooperation and exchanges with CSAE (China), CSAE (Taiwan), JSIDRE (Japan), etc. The Society has recently exchanged a Memorandum of Understanding (MOU) with CIGR, ASABE and SEAg for further strengthening its international cooperation. Through these international collaborations, KSAE will establish stronger cooperative relationships to promote the arts, science and practice of agricultural and biological engineering and together lead developments in agricultural engineering in the world.

2) KSAE activity globally as well as domestically

Since its foundation, KSAE has been committed to promoting the advancement of agricultural engineering in Korea and abroad. Thus far, the Society has continued developing science and technology in the field of agricultural engineering to encourage education and training of young professionals and to facilitate exchange of research results and new technologies through national and international forums and seminars. There is no doubt that the Society will continue serving its members in national and international arenas by fostering mutual understanding, improvement and rationalisation of sustainable biological production systems while protecting the nature and environment, and managing and protecting the landscape through the advancement of engineering and allied sciences. The KSAE continues to perform its specific tasks to advocate agricultural engineering nationally and internationally through achieving the following activities:

- Publish journals, proceedings, manuals, reports and books covering various fields of agricultural engineering.
- Encourage its members to actively contribute scientific articles for publications in national and international journals and attend and present their scientific findings at international conferences, meetings and symposia.
- Organize national and international conferences, symposia, workshops, training courses, field visits and technical tours.
- Undertake research projects and present awards for distinguished professionals in agricultural engineering.
- Enact and revise codes, standards, specifications and guidelines for agricultural engineering practices.
- Organize joint activities and cooperate with foreign national societies and professional organizations to the maximum extent.
- Perform any other activities that will help develop Agricultural Engineering and allied sciences.

3) Technical committees of KSAE

KSAE is comprised of the following six technical committees.

- Committee on Irrigation and Drainage
- Committee on Structure and Environment
- Committee on Rural Development and Green Tourism
- Committee on Geotechnical Engineering & Reclamation
- Committee on Rural Environment
- Committee on Information Technology and Accreditation for Agricultural Engineering

4) Why KSAE should join the CIGR

Since its inception in 1957, KSAE has been instrumental in promoting agricultural engineering in national and international capacities, and the Society now desires to join the CIGR. The Society has been actively involved in international cooperation with many agricultural engineering societies in Asia but very limited activities with other regions. To expand the activities of its members beyond Asia, the members and the current leadership of the KSAE strongly feel the need to join the CIGR. This will help the society build better, stronger and greater connections with CIGR member organizations, countries and individuals. This will also encourage KSAE members to look forward to participating and being involved in cooperative activities globally to help protect nature and the environment for future generations.

KSAE is strongly committed to contribute towards the globalization of agricultural engineering while following the guidelines of CIGR. Korean agricultural engineers have helped contribute to the remarkable progress of the country's economy in the past decades and the Society has changed

gradually to align with the worldwide trend of globalization to improve its structure, operation and management. Against this backdrop, the KSAE and its members wish to contribute to its efforts globally through changes to meet timely demand and solidifying not only the unity of KSAE members but also KSAE's relationship with national and international agricultural engineering societies and their members.

Currently, the Korean Society of Agricultural Machinery (KSAM) is a national member of the CIGR. However, KSAM does not represent the members of the KSAE because of the uniqueness of the organizational structure and functions of the two organizations. Although there is some degree of interaction between the two organizations, it is very limited. Accepting the KSAE as a separate Korea national member of the CIGR will help better represent KSAE members in the CIGR. This will encourage its members to expand their activities and professional participations beyond Asia. Such dual national memberships currently exist, for example, CSAE and CSAM are registered national members of China.

Considering that one of the main thrusts of CIGR is to work towards the establishment of new associations, both at national and regional levels, and to the strengthening of existing ones, acknowledging KSAE as a new member of CIGR will further strengthen the momentum of the society to set up its new vision and directions of progress and help make KSAE recognized worldwide.

In-Bok Lee, Ph.D
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3. NEWS FROM SECTIONS AND WORKING GROUPS

12th Inter Regional Conference
12^{ème} Conférence Inter Régionale
ENVIRO WATER
28 – 30 November 2009
Rabat - MAROC - MOROCCO
CALL FOR PAPERS

Introduction:

Water plays a key role in the efforts to reach the millennium objectives. While population growth continues and economies develop, competition over water usage intensifies. The per capita ratio of available water continues to decrease worldwide and is below the hydrique poverty level in many regions.

In addition to water scarcity and increasing conflicts over differing water usage rates, water quality has been deteriorating at an alarming rate. This is mainly due to the lack of adequate treatment of domestic and industrial effluents and because of the intensive use of chemicals in agricultural production.

Considering these challenges, the National Association for Land Reclamation, Irrigation, Drainage and Environment (ANAFIDE) will organize on the occasion of its 40th anniversary and in collaboration with the International Commission of Agricultural Engineering (CIGR) the 12th Inter regional Conference Enviro Water from 29 November to 1 December 2009 in Rabat, Morocco.

Through this important international meeting, the National Moroccan CIGR Committee aims at contributing to the international conference series related to water and environment issues which took place in the following countries:

Portugal, Switzerland, Hungary, Brazil, Burkina Faso, Spain, China, USA, Netherlands, India and Brazil.

This international seminar will also be an opportunity for knowledge exchange between the international community and expected participants representing decision makers, donors, NGOs, professionals and researchers.

Topics of the seminar :

Topic 1: Managing water scarcity

- 1.1. Water resources and ecosystems management
- 1.2. Climate change and water management
- 1.3. Water conservation and water valorisation
- 1.4. Innovative approaches and tools for planning and management of water use
- 1.5. On-farm water management: water saving irrigation systems
- 1.6. Management of crisis situations for irrigation systems and drinkable water supply

Topic 2: Water quantity and quality issues

- 2.1 Sustainable water utilisation technologies
- 2.2. Water, environment and public health
- 2.3. Water systems in polluted environments
- 2.4 Excessive uses of underground water resources

- 2.5 Risk management related to water and soil pollution
- 2.6 Non conventional water use – Waste water reuse
- 2.7 Liquid sewage and national plans of depollution
- 2.8 Industrial deplolution – state-of-the-art technologies and constraints

Topic 3: Social and economic issues in water management

- 3.1. Water as a basic human right (practices and challenges)
- 3.2. Water management and social inequality (trade and pricing)
- 3.3. Water management and integration of marginalized groups (gender issues)
- 3.4. Participatory practices in water use management
- 3.5. Public-Private partnerships in water issues. Present experiences and lessons learnt

Topic 4: Management and planning of multifunctional land and water use

- 4.1. The exploitation and conservation of prevailing natural resources
- 4.2. Water management systems and land use planning on water shed level
- 4.3. Changing land uses in areas with limited water resources

Deadlines:

Send abstracts: 31 January/Janvier 2009

Send full papers: 15 June/Juin 2009

Conference: 28–30 November/Novembre 2009

Duration: 3 days including one day technical tour

Contact:

Scientific Committee: h.bartali@iav.ac.ma

Organizing Committee: a.elmahraz@adi.ma

ANAFIDE, Moroccan National CIGR Committee, 2 rue Haroun Errachid, Rabat - Morocco

Tel/fax: (212) 37 67 03 03 or (212) 37 77 13 20

E-mail: anafid@menara.ma

Summarised Minutes of the 2008 Board Meeting of CIGR Section I 'Land and Water Engineering' Iguassu Falls City, Brazil

Date: Sunday, 31 August 2008, Time: 13:00–17:00 pm.

Location: Sala Marfim, Iguassu Falls City, Brazil.

Members Present:

Regular Board Members: Jose Maria Tarjuelo (Spain, Chairperson), Pat D. Taylor (USA), Guanhua Huang (China, Secretary), Jose Manuel Monteiro Gonçalves (Portugal), Gerrit-Jan Carsjens (The Netherlands), Mario Falciai (Italy), Honorary members: Luis Santos Pereira (Portugal), Yohei Sato (Japan), Permanent observers: Antonio Brasa Ramos (Spain, representing the CIGR Working Group on Water Management and Information Systems), Others: El Houssine Bartali (Morocco, Honorary President of CIGR), Soren Pedersen (Denmark, Incoming President of CIGR), Takaaki Maekawa (Japan, Secretary General of CIGR), Marcos Folegatti (Brazil, President of Brazilian Association of Agricultural Engineering – SBEA), Tingxi Liu (China)

Item 1: Opening and welcome

The Chairman of CIGR Section I, Jose Maria Tarjuelo, welcomed all board members and observers present at this public session.

The Chairman proposed to replace the representation from Brazil in the Section I Board, Edsson Matsura, for Jarbas

Honorio de Miranda (jhmirand@esalq.usp.br) because it was considered necessary to include a representative who could actively participate in the Section I activities. Please, can you make a specific reference to this subject.

Item 2: Minutes of the 2007 Board Meeting in New Delhi, India. The Board approved the Minutes of the meeting held in New Delhi, India, on 18 October 2007, on the occasion of the 10th Inter-Regional Conference 'Ensuring Water and Environment for Prosperity and Posterity'.

Item 3: Report on organized/ sponsored/ co-sponsored conferences/ symposia/ workshops. The Secretary reported on the activities that are being undertaken in 2008:

- International symposium '21st Century Watershed Technology: Improving Water Quality and Environment', 29 March to 3 April 2008, Concepcion, Chile. (<http://www.asabe.org/meetings/water2008/index.htm>)
- Master in 'Irrigation problems in developing countries'. 31 March to 30 November 2008. Istituto Agronomico per l'Oltremare, Florence, Italy. (iao@iao.florence.it)
- Co-sponsor of the International symposium on 'Efficient Irrigation Technology and Management' for developing countries, which is planned to be held from 8 - 27 September 2008, Beijing, China.

Item 4: 11th Inter-Regional Conference 'Environment and Water' and the CIGR International Conference 2008 in Iguassu Falls City, Brazil

The President of Brazilian Association of Agricultural Engineering – SBEA, Prof. Marcos Folegatti reported about the 11th Inter-Regional Conference in Iguassu Falls City, Brazil, from 31 August to 4 September 2008, in conjunction with the CIGR World Congress. About 200 delegates from about 10 countries and India have attended this conference. Nearly 70 oral presentations and more than 230 poster presentations in five themes have been conducted by the authors. The proceedings of the conference including more than 300 extended abstracts were published in booklets and CD-ROM form.

Item 5: 12th Inter-Regional Conference on 'Environment and Water' in Rabat, Morocco, 2009

The 12th Conference is planned to be held in Rabat, 28 to 30 November 2009. On behalf of the local organiser, the honorary President of CIGR, Prof. El Houssine Bartali reported the preparation and relevant issues with details. All the board members who attended the meeting agreed to the proposed topics, and agreed to propose the member list of the scientific committee based on the local situation, and then the announcement will be put on the website of CIGR.

Item 6: Future Inter-Regional Conferences

The 13th Inter-Regional Conference on Land Water and Environment (EnviroWater 2010) will be held in Quebec City, Canada, from 13- 16 June 2010, on the occasion of the CIGR World Congress. The board members agreed that the topics of this conference should pay more attention to the relationship between climate change and water and environment, and landscape planning and management.

Some board members proposed the future Inter-Regional Conferences:

- EnviroWater 2010 may be held in Australia
- EnviroWater 2011 may be held in Japan
- EnviroWater 2012 may be held in Valencia (Spain)
- EnviroWater 2013 may be held in Italy
- EnviroWater 2014 will be held in China

Item 7: CIGR Awards and Fellows

Item 8: CIGR Ejournal

Item 9: Other subjects proposed by the members

The board members proposed to contact the CIGR web manager to change the Section I web contents including the Mission Statement, Activities, Inter-Regional Conferences, Board Meeting and so on. The secretary of this section will be responsible for uploading the information to the CIGR web and the maintenance of the web.

The honorary member Prof. Luis Santos Pereira recommended that a special session be organized for Section I during the world water forum which will be held from 16 to 22 March 2009, in Turkey.

The CIGR General Secretariat gave 500 USD to Jose Maria for supporting the activity of Section I. All the board members attending the meeting agreed to give the money to Prof. Dr. Bartali to support the 12th Inter-Regional Conference on Environment and Water in Rabat, Morocco, 2009.

The Chairperson and Secretary acknowledged the collaboration of all the Board Members.

*Guanhua Huang
The Secretary of CIGR Section I
Iguassu Falls City, Brazil, 31 August, 2008*



Section Board I meeting at CIGR conference in Brazil

Report on the 4th International Symposium of CIGR Section VI on Food and Bioprocess Technology, Foz do Iguacu, Brazil, 31 August to 4 September 2008

Following the successful 1st International Symposium of CIGR Section VI on Bioproducts Processing and Food Safety in Beijing in October 2004, the 2nd one on Future of Food Engineering in Warsaw in April 2006, and the 3rd one on Food and Agricultural Products: Processing and Innovations in Naples in September 2007, the 4th International Symposium of CIGR Section VI was held from 31 August to 4 September 2008 in Iguassu Falls City, Brazil, in conjunction with the 2nd CIGR International Conference on Agricultural Engineering.

The symposium was jointly organised by Embrapa Food Technology - CTAA (Brazil), National University of Ireland, Dublin (Ireland), Institute of Food Technology - ITAL

(Brazil), Brazilian Society of Science and Food Technology - SBCTA (Brazil) and CIGR Section VI, and sponsored by IAEF - International Association of Engineering and Food, EFFoST - European Federation of Food Science and Technology, and ASABE - American Society of Agricultural and Biological Engineering.

The main theme of this 4th International Symposium of CIGR Section VI was on Food and Bioprocess Technology to reflect the current trends of development in research and the area. Topics covered in the Symposium are as diverse as from food areas such as food processing to food safety subjects such as agricultural postharvest handling systems and environment issues such as agri-food waste treatment and management. In total, the Symposium received 422



Prof. Da-Wen Sun

paper submissions, which is the largest submission for a Conference consisting of 8 symposia. These papers were arranged into 3 plenary sessions and 20 parallel oral sessions with 92 papers presented. The remaining papers were displayed as posters in 3 poster sessions. The Symposium was opened in the evening of Sunday 31st September together with other symposia. From Monday 1st - Wednesday 3rd October, papers were presented in relevant sessions. A plenary session was organised everyday from 2-3 pm with a specific lecture. These lectures included 'Creating Bubble Containing Food Structures' given by Professor Keshavan Niranjan from the University of Reading in the UK, 'Emerging Technologies in Food Freezing' by Professor Da-Wen Sun from University College Dublin, National University of Ireland, and 'Tropical Fruit Juice Preservation by Ultra High Pressure: Considerations on Safety, Quality, Costs and Consumer' by Dr. Amauri Rosenthal from Embrapa Food Technology in Brazil. On the last day of the Symposium, participants had the opportunity to join in one of the 6 technical visits.

The full papers presented at the conference were published in the conference proceedings in CD-ROM format. As in previous Symposia, selected papers will be published in a special issue of Springer 'Food and Bioprocess Technology - an International Journal'. Currently, a special issue is being prepared.

The 5th International Symposium of CIGR Section VI on Food Processing, Monitoring Technology in Bioprocesses and Food Quality Management will be held from 31 August to 2 September 2009 in Potsdam, Germany. Abstract submission for the 5th Symposium is now open. Details of the 5th Symposium can be found at:

<http://www.atb-potsdam.de/CIGRPostharvest2009>

*Prof. Da-Wen Sun,
National University of Ireland, Dublin
Honorary Chair of CIGR Section VI;
Chairman of the Conference
Editor-in-Chief, Food and Bioprocess Technol*

4. CIGR SPONSORED ACTIVITIES

CIGR International Symposium 2011 on Sustainable Bioproduction – Water, Energy, and Food 19 – 23 September 2011 Tokyo, JAPAN

Growing uncertainty over the future status of water, energy and food resources in light of the devastating scenario of global warming has led the world to strive to seek solutions for the perennial development of humankind. Recent developments in biomass technology have raised the unexpected issue of crop resource trade-off between energy crops, feed crops and food crops. CIGR has been dedicated to developing world water resources, to modernizing world food production and to conserving our environment with the commitment of agricultural engineers and scientists from CIGR member nations. The challenge currently faced by us

for the coexistence of humankind throughout the world is to find a method to balance our resource utilization and energy development; this task might well be termed as a CIGR mission.

In 2011, all engineers, scientists and affiliates from 7 technical sections of CIGR will meet in Tokyo to discuss the updated controversial issues on water, energy and food along with the latest technological development that the world would seek.

Organisations (Tentative)

- International Program Committee (IPC)
- IPC Chairman = Japan NMO chairman
- The Chairs of CIGR Section Board I to VII
- National Organizing Committee (NOC)

*Prof. Haruhiko Murase
Secretary General of JAICAE*

5. CIGR CO-SPONSORED ACTIVITIES

Synergy and Technical Development International Conferences in Agricultural Engineering 30 August to 2 September 2009, GÖDÖLLŐ, Hungary Szent István University, Faculty of Mechanical Engineering <http://www.synergy2009.szie.hu>

The CIGR Hungarian National Committee, the Hungarian Electrotechnical Association and the Mechanical Engineering Faculty of the Szent István University are delighted to invite you to a joint conference of the following I and II organised around an important and actual question of our century: 'Rational Use of Energy in Agriculture and Economical Use of the Renewable Sources in Connection with Environmental Protection' and 'Synergy and Technical Development in the agricultural engineering'.with the professional support of the EurAgEng.

Important date

Abstract submission: 28 February 2009

Final registration: 30 April 2009

Full text submission: 29 June 2009

Opening of the Conference: 30 August 2009

Optional two-day tour: 3rd to 4 September 2009

I. 31st International Symposium of CIGR Section IV Rational Use of Energy in Agriculture and Economical Use of the Renewable Sources in Connection with Environmental Protection

Topics:

Solar energy, geothermal energy, wind energy, biomass energy, heat pumps, possibility for the agricultural farms,

instead of being energy consumer to become energy producer by the usage of renewable sources, hybrid power plants of regenerative energies.

For more information

Prof. Zoltán Sibalszky, Organizing Committee

E-mail: synergy2009@gek.szie.hu

Tel.: +36 (28) 522-050

II. International Conference of the CIGR Hungarian National Committee and the Faculty of Mechanical Engineering of the Szent István University Synergy and Technical Development in the Agricultural Engineering

Topics

The conference aims for technical and technological development and discusses synergy between agriculture and industry, energetics, education and research as well. Within the agribusiness, the topics are focused on the crop and horticultural production systems, post harvest technologies and animal husbandry, measuring technique, basic research for agricultural engineering, economics of agricultural production, forest engineering, renew-able energy resources and raw materials, mechanical engineering, maintenance and machinery management.

For more information

Zoltán Bártfai, Organizing Committee

E-mail: synergy2009@gek.szie.hu

Tel.: +36 (28) 522-047

*Prof. Mikio Umeda
Chair of CIGR Section Board IV
Prof. Dr. Zoltán Sibalszky
Honorary Vice-president of CIGR*

**5th International Technical Symposium on
Food Processing,
Monitoring Technology in Bioprocesses
and Food Quality Management
31 August to 2 September 2009
Potsdam, Germany
www.atb-potsdam.de/CIGRPostharvest2009**

The CIGR (International Commission of Agricultural Engineering) Section VI (Postharvest Technology and Process Engineering) deals with the engineering principles and technologies in postharvest and processing of agri-food products. It is devoted to follow the trends, promote advancement and enhance the dissemination and transfer of technology in postharvest and processing on a global scale. In order to better fulfil its missions, the CIGR Section VI is organising the 5th International Technical Symposium on Food Processing, Monitoring Technology in Bioprocesses and Food Quality Management in Potsdam, Germany in 2009. The event follows the successful 1st International Symposium on Bioproducts Processing and Food Safety held in Beijing in October 2004, the 2nd International Symposium on Future of Food Engineering in Warsaw in April 2006, the 3rd International Symposium on Food and Agricultural Products: Processing and Innovations in Naples in September 2007, and the 4th International Symposium on Food and Bioprocess Technology in Foz do Iguacu, Brazil. As previous Symposia, selected papers presented at this Symposium will be published in a special issue of *Food and Bioprocess Technology* – An International Journal published by Springer.

Venue

The symposium will be held at Mercure Hotel Potsdam City Lange Brücke 14467 Potsdam, Germany.

Phone: +49(0)331 272-322

Fax: +49(0)331 272-366

E-mail: h1582-sb1@accor.com

Call for Papers in Sessions

Modern Production and Postharvest Handling of Raw Material
Chemical Food Analyses in the Supply Chain
Food Processing with respect to Product Quality and Safety
Emerging Technologies in Food Processing
Monitoring Technologies for in-situ Analyses in Bioprocesses
Modelling as a Tool for Process Management.

Important Dates

01/08/2008 Call for papers

31/12/2008 Abstract submission

15/02/2009 Confirmation

15/04/2009 Early bird payment

30/06/2009 Registration due

31/08/2009 Full paper for CD proceedings

Conference Secretariat

Oliver Schlüter, Manuela Zude

Leibniz Institute for Agricultural Engineering

Potsdam-Bornim (ATB)

Dept. Horticultural Engineering

Max-Eyth-Allee 100

14469 Potsdam-Bornim, Germany

Phone: +49-331-5699-613

Fax: +49-331-5699-849

E-mail: cigr09@atb-potsdam.de

Prof. Jozef Grochowicz

Chair of CIGR Section Board VI

Prof. Da-Wen Sun

Honorary Chair of CIGR Section Board VI

6. OTHER ACTIVITIES

**Report on the 2nd International Conference on
Monitoring, Simulation,
Prevention and Remediation
of Dense and Debris Flows**

Due to the increased frequency with which debris and hyper-concentrated flows occur and the impact they have on both the environment and human life, these extreme events and related processes have attracted increasing attention from research groups and management professionals. In this context, the identification and design of effective measures aimed at both evaluating the probability of these phenomena, and mitigating their impact on human settlements and the environment has turned out to be an essential component of the forest, land and water planning and management process. An International Conference on the abovementioned themes took place at the New Forest Campus of the Wessex Institute of Technology (WIT), Southampton, UK, from 17th to 19th June 2008. The Meeting was co-chaired by D. De Wrachien, Past President of EurAgEng, C. Brebbia, Director of WIT, and M. Lenzi of the State University of Padua, and co-sponsored by CIGR and EurAgEng.

The Conference was attended by participants from 15 countries. It consisted of an opening session, three topic sessions (*Debris-flow mitigation; Debris-flow modelling;*

Case studies) and one special sessions (*Sediment transport and debris flow including woody debris*) and was organised by D. De Wrachien and M. Lenzi.

At the opening session, the Director of WIT C. Brebbia awarded to D. De Wrachien the *Wessex Institute Eminent Scientist Medal 2008* for his outstanding contribution to Engineering Sciences and highlighted the scope, goals and aims of the Conference. Prof. D. De Wrachien stressed on the role of the agricultural engineers in the design of prevention and mitigation measures suitable to lessen the impact of natural hazards and extreme hydro-geological events, and M. Lenzi chaired the Special Session. Next, a number of lectures were held, among which is worth mentioning '*Research and development on debris flow and flash flood in the Dolomites*', presented by F. Comiti of the State University of Padua and '*Dam-break shock waves: a two-phase model for mature and immature debris flow*', held by Mambretti S. of the Milan Polytechnic.

In the topic sessions, each starting with a review report, more than 30 papers were discussed during the oral presentation.

The Conference provided a forum for engineers, scientists and managers from laboratories, industry, government and academia to exchange knowledge and expertise in the field of dense and hyper-concentrated flows. A full understanding of these phenomena leads to a new integrated risk management

approach which provides a means for preventing a hazard turning into a natural disaster.

The Proceedings of the Conference have been published by: WIT Press, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK

For more information see the web sites:

www.wessex.ac.uk/conferences/2008/debris08/index.html

www.witpress.com

Prof. Carlos Brebbia

Director of the Wessex Institute of Technology, UK

Prof. Daniele De Wrachien

EurAgEng Past President

Member, Executive Board of CIGR

The Annual Meeting 2008 of the Club of Bologna 15 –16 November 2008

The Annual Meeting 2008 of the Club of Bologna will be held in Bologna on Saturday 15 and on the morning of Sunday 16 November 2008, during the EIMA International (www.eima.it , 12-16 November).

The two subjects of the presentations will be:

- Analysis and in-depth examination of the thesis of the conference 'Agrievolution 2008 – First World Summit on Agricultural Machinery' (www.agrievolution.com), that Unacoma has organised in Rome on 30th and 31st May 2008, with the following speakers:

- Prof. Kamil Sindir, on the China and India presentation, with an integration on Turkey situation;
- Prof. Oleg Marchenko on Russia
- Prof. John Schueller on USA
- Prof. Luis Márquez and Ettore Gasparetto on Brazil; European CEMA countries; comments on the world situation;

- Establishment of a world database on agricultural machinery and agricultural engineering institutions, research and testing centres, etc, with the following speakers:

- Prof. Hermann Auernhammer on the German database
- Prof. Ettore Gasparetto on the proposal for a world database

Unacoma and I hope to see a wide participation of the Club of Bologna members to the Club of Bologna Meeting. Unacoma will host the Club Management Committee Members for the three nights of 13th, 14th and 15th November (a Management Committee meeting is foreseen for the afternoon of Friday 14th November) and the Full Members for the two nights of 14th and 15th November; the Reservation Form is enclosed.

Prof. Dr. Ing. Ettore Gasparetto

President, Club of Bologna

Institute of Agricultural Engineering

University of Milan

7. PUBLICATIONS

New Submission Process of CIGR E-Journal

The CIGR Journal was moved to a new website. The home of the e-journal is now www.cigrjournal.org. The Journal site uses OJS, an electric journal management system that will greatly facilitate the submission and review process for authors, reviewers and editors. Effective immediately, submissions to the journal must be done through the new electronic journal management system. When you login to the system you will be presented with a list of your submissions in process. You will be able to see a new version of your submission and comments to the editor once you have addressed the reviewer's comments.

E-Journal Session was held at CIGR International Conference in Iguassu Falls City for explanation of OJS.



Ejournal Session at CIGR Conference in Brazil

Protocol of the Open Journal System of CIGR

24 September 2008

Hello E-Journal Authors:

At the recent CIGR International Conference in Brazil, we initiated the Open Journal System (OJS) for managing the Ejournal. It will simplify the handling of manuscripts and the review process. It will also enable better record keeping. The increasing number of submissions makes this automated system absolutely necessary. Thanks to Dr. Fedro Zazueta, Incoming President of CIGR and Dr. Jiannong Xin, University of Florida for setting up the OJS.

This letter is to alert you of the OJS and to advise that you must register (at no cost) in order to use it. The transition from the old manual system to the new automated OJS has already begun. It will take some time and effort to perfect it, but the end result will be well worth it.

The procedure for registering is as follows:

- go to the OJS website at www.cigrjournal.org
- you will see a screen entitled 'CIGREjournal'
- select 'Register'
- complete the 'Profile' form, select a user name and password
- I suggest that you check all four boxes (confirmation email, reader, author, reviewer). Under reviewer, you should define your area of expertise by inserting several keywords. These will be used to match you with manuscripts in your area of expertise.

Dr. B. A. Stout
Coordinator of Agricultural Engineering International:
The CIGR Ejournal

Sales of CIGR Handbook of Agricultural Engineering

We receive the biannual report about the sales of CIGR Handbook from ASABE Publications Department.

Volume I: Land and Water Engineering, 570 pages (1)
 Volume II: Animal Production and Aquacultural Engineering, 395 pages (1),
 Volume III: Plant Production Engineering, 660 pages (1),
 Volume IV: Agro Processing Engineering, 540 pages (1),
 Volume V: Energy and Biomass Engineering, 340 pages (2),
 (NEW) Volume VI: Information Technology, 544 pages (5),
 Full Set Volumes I-VI, 3,049 pages (5)

8. ANNOUNCEMENT

A new Editor for the CIGR Ejournal is being sought

Interested individuals in holding this prestigious assignment, please contact the CIGR presidium at soeren.pedersen@agrsci.dk.

The CIGR Ejournal has more than 450 peer reviewed original research papers and 114 invited overviews. Authors in the Ejournal represent 56 countries. The CIGR Ejournal was initiated by Prof. Bill Stout, president of CIGR 1999-2000. Prof. Stout served as an Editor over the last decade, since the Journal was created. Due to Prof. Stout's

recent retirement, the Editor position will be vacant.

The Editor works in close collaboration with the seven Section Editors, and is responsible for final acceptance of papers published in the Ejournal. A requirement for the Editor position is a high level of proficiency in English, the official language of the Ejournal. The CIGR Ejournal was recently converted from a manual operation to an on-line journal management system (Open Journal Systems). This has made the review process easier and requires minimal computer skills. The CIGR Editor is a voluntary position and receives no compensation.

CIGR Section Boards (Elected in September 2006, updated in September 2008)	
Section I:	<i>Land and Water Engineering</i> (Chair: Jose M. Tarjuelo [Spain])
Section II:	<i>Farm Buildings, Equipment, Structures and Environment</i> (Chair: Daniel Berckmans [Belgium])
Section III:	<i>Equipment Engineering for Plants</i> (Chair: John K. Schueller [USA])
Section IV:	<i>Energy in Agriculture</i> (Chair: Mikio Umeda [Japan])
Section V:	<i>Management, Ergonomics and Systems Engineering</i> (Chair: Pietro Piccarolo [Italy])
Section VI:	<i>Post-harvest Technology and Process Engineering</i> (Chair: Jozef Grochowicz [Poland])
Section VII:	<i>Information Systems</i> (Chair: Antonio Saraiva [Brazil])

All correspondence and information on forthcoming activities should be sent to
 The CIGR General Secretariat
 Professor Dr. Emeritus Takaaki Maekawa, Secretary General
 University of Tsukuba

Graduate School of Life and Environmental Sciences
 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8572, Japan
 Tel.: +81-29-853-6989; Fax: +81-29-853-7496
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DISCLAIMER

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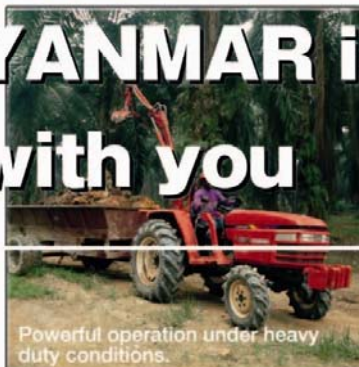
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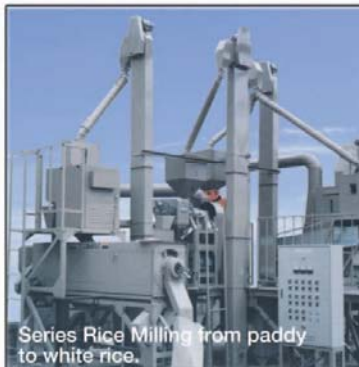
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