PROPOSAL OF A WORLD DATABASE ON AGRICULTURAL MACHINERY AND AGRICULTURAL ENGINEERING INSTITUTIONS, RESEARCH AND TESTING CENTRES

Prof. Ettore Gasparetto
Contents

- Introduction
- Europe
- Africa
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- North America
- South America
- Australia
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- Feasibility of future developments
Introduction

- Agricultural machinery manufacturers, R&D organisations, scientists, etc. often wish to establish a contact worldwide
- Database are needed
- National, continental & worldwide database exist. They are often not updated
- An analysis of several database is displayed
Europe

- EurAgEng (Eur. Ass. of Agric. Engineers)
- Club of Bologna
- University College Dublin
- AAESEE (Association Agric. Engineers South East Europe)
- East Europe
- Russian Federation
- VIM
The European Society of Agricultural Engineers (EurAgEng) exists to promote the profession of Agricultural and Biosystems Engineering and the people who serve it. The Society is particularly active in Conferences, Special Interest Groups, Publications, Networking and International lobbying.

**ENGAGE**, the Strategic Division of EurAgEng, is a network of co-operating research institutes in the fields of agricultural, biosystems and environmental engineering.

EurAgEng is the European member of **CIGR**, the world wide agricultural engineering organisation.

**News**

**MANUFUTURE**

Agricultural Engineering & Technology Research within the 7th Framework

New vacancies:
(1) Researcher or senior scientist position at Aarhus University
(2) Research Positions at IMDEA in Madrid
Click for details

AgEng2008 was held in Hersonissos, Crete - Greece in June 2008
Welcome to Entam

ENTAM is the European Network for Testing of Agricultural Machines and its purpose is to promote co-operation among testing stations in order to optimise activities and provide a better service to farmers, dealers and manufacturers. Results of tests, carried out by unbiased test stations, can help farmers to take their decisions when buying agricultural...
MISSION

CLUB OF BOLOGNA: A WORLD TASK-FORCE ON THE STRATEGIES FOR THE DEVELOPMENT OF AGRICULTURAL MECHANISATION

The Club of Bologna has been established in 1989, as a free association, on the UNACOMA’s initiative and support, and under the auspices of CIGR, with the goal to convene, almost once a year, the highest international experts on mechanisation in order to discuss subjects of a preminent importance for the development of the agricultural machinery sector in various countries. Each meeting discusses various view points based on the specific experiences acquired in the different main areas of the world and, at the end, it elaborates conclusions and recommendations to be submitted both to the National Governments, to the International Bodies and to the research, agricultural and manufacturing people for the actions to be undertaken.

In the Club 48 countries are represented and 102 are the Full Members, belonging to research bodies (69%), industry (15%) and International Organisations (17%). This in addition to 18 Corresponding Members interested to follow the activity.
Home Page

Dear colleagues! Dear Students! Dear Researchers!
Welcome to web presentation of Association of Agricultural Engineers of South Eastern Europe (AAESEE)!

AAESEE web presentation offers information about our association, agricultural and other events, education in field of agricultural engineering, as well as it provides useful links.

Further you can learn more about upcoming events.

Upcoming events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Organizer</th>
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</table>
| 7th-9th June, 2006 | **International Conference on Energy Efficiency and Agricultural** | **Location:** Rousse, Bulgaria  
**Organizer:** Assoc. Prof Nikolai Mihailov and University of Rousse  
**Address:** 8, Studentska Street "Angel Kunchev" University Of Rousse  
7017 Rousse, Bulgaria  
**Phone:** +359 82 845 708 |
AgroWeb Russian Federation, a part of the AgroWeb Central and Eastern Europe Network is created in aim to collect and provide information on agricultural institutions and other important agriculture related subjects to help users to find information and contacts in Central and Eastern European countries and former USSR.

News & Highlights:

- A group of specialists from the CSAL visited the Regional Office of the FAO for Europe and Central Asia in Budapest in June, 2 - 7.

- Khomenko M.S., the head of AGRIS/CARIS Center of Belarus Agricultural Library has held a training course for the staff of the CSAL on processing of documents intended to the International Database AGRIS, December, 11-13, 2007.

- Opening of the FAO Depository Library and seminar “Knowledge Management in the 21st Century - FAO's Experience”, December, 6, 2007

- The information in the chapters Education (Universities, Academies) and Research Centres (Institutes, Experimental stations) was updated as of 1.09.2007

- A working meeting of specialists from the CSAL and Belarus Agricultural Library, Minsk (Belarus), 27-29 March, 2007
Новости

<table>
<thead>
<tr>
<th>Новости 2007</th>
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<tbody>
<tr>
<td>Золотая осень 2007</td>
</tr>
<tr>
<td>Результаты 9-й Российской агропромышленной выставки</td>
</tr>
</tbody>
</table>

08:43, Admin | 200 просмотров | Всё новости

Новые товары

<table>
<thead>
<tr>
<th>VIKING 225</th>
</tr>
</thead>
<tbody>
<tr>
<td>Архитектура серии VIKING снабжены трением комплектами рабочих органов; лучшими современными винтовыми корпусами, ...</td>
</tr>
<tr>
<td>Читать дальше...</td>
</tr>
<tr>
<td>Ресурсосберегающая технология ВИМЛАЙФ</td>
</tr>
<tr>
<td>В сельском хозяйстве, где характер переработки доминирует, во многом зависит от времени</td>
</tr>
<tr>
<td>Читать дальше...</td>
</tr>
</tbody>
</table>

Wednesday, 31.October 2007

Выставка «Лене: Российского поля – 2007» в
Africa

- World Bank Directory
- SEASAE (South & East Africa Society of Agricultural Engineering)
- West African Society of Agricultural Engineering
- Animal Traction Network for Eastern and Southern Africa

South Africa:
- ARC (South Africa Inst. of Agr. Engineering)
- SAIAE (South African Inst. for Agr. Engineers)
World Bank

Directory of Agricultural Research Institutions in Africa

33966
Countries:
Ethiopia, Kenya, Lesotho, Malawi, Mozambique, Rwanda, Zimbabwe, Zambia, South Africa, Tanzania, Zaire

Headquarters:
• Moi University, Post Office Box 3900 Eldopet, Kenya
  Professor D. K. aSome, President
• and/or
• Hill Plaza, Engineering Division, P.O. Box 30028 Nairobi, KENYA
  Tel.: + 2542721691/4 Fax: + 2542722605
  Email: nhatibu@sua.ac.tz
West African Society of Agricultural Engineering

- Obafemi Awolowo University
  Ife-Ife
  NIGERIA
  Phone: ++234-80-3344 7446
  Fax: ++234-36-232401
  E-mail: mfaborod@oauife.edu.ng
Animal Traction Network for Eastern and Southern Africa

- AGROTEC (UNDP-OPS)
P. O. Box BW 540
Barrowdale, Harare
Zimbabwe
(Dr. Timothy Sigmalega, Chairman)
Our vision is "Excellence in Agricultural Research and Development"

You are here: Home... Research Institutes... ARC-IAE

ARC-Institute for Agricultural Engineering

- Organisational chart

Hardly any agricultural activity is undertaken without equipment, systems or facilities supported by engineering technology. The ARC-Institute for Agricultural Engineering is involved in research, development and implementation of engineering technology, including the evaluation and testing of equipment and systems specifically for southern African conditions, as well as the transfer of this technology.

The Institute originated in 1961 as the Division for Agricultural Engineering within the Department of Agriculture and was originally responsible for the testing of mechanisation implements. These activities extended to include the testing of nearly all equipment used in agriculture, including irrigation equipment and eventually also included research and development of equipment, methodologies, processes and standards within all the facets of agricultural engineering. During the early 1980s it pioneered the development of sunflower oil as an alternative for diesel fuel.

The Organisation grew to the Chief Directorate: Agricultural Engineering and Water Supply within the Department of Agriculture. It was responsible for research and technical services to the agricultural sector, including soil conservation, drilling services, agricultural mechanisation, farm buildings, animal housing and handling facilities, grain silos and irrigation.

The compilation of feasibility studies, the planning, design and the approval of loans and subsidies for irrigation works became a major activity. More than R400 million in subsidies and loans were approved for irrigation works.
League of Arab States

- AOAO (Arab Organisation for Agricultural Development)
المدير العام للمنظمة العربية للتنمية الزراعية يدقى بتصريح صعبًا حول التحضير لعقد أول اجتماع لشركاء تنفيذ استراتيجيات التنمية الزراعية العربية المستدامة

المدير العام للمنظمة العربية للتنمية الزراعية يشارك في ندوة الاستراتيجية الزراعية وأتفقًا تطوير القطاع البستاني في السودان المطرود - جمهورية السودان 27 / 1 / 2008

اتفاق أعمال الدورة الثانية والثلاثين للمجلس التنفيذي للمنظمة العربية للتنمية الزراعية بدولة الإمارات العربية المتحدة خلال يومي 3 - 4 فبراير 2008

المدير العام للمنظمة العربية للتنمية الزراعية يدقى بتصريح صعبًا حول التحضير لعقد أول اجتماع لشركاء تنفيذ استراتيجيات التنمية الزراعية العربية المستدامة

المدير العام للمنظمة العربية للتنمية الزراعية يشارك في ندوة الاستراتيجية الزراعية وأتفقًا تطوير القطاع البستاني في السودان المطرود - جمهورية السودان 27 / 1 / 2008

...More News....
Asia

- AAAE (Asian Ass. Agric. Engineering)
- ESCAP APCAEM (Asian Pacific Centre Agric. Engineering & Machinery)
- JSAM (Japanese Soc. Agric. Machinery)
- JAICAE (Jap. Ass. of Intern. of Commission Agricultural Engineering)
- ISAE (Indian Soc. Agricultural Engineers)
- CSAE (Chinese Soc. Agric. Engineering)
- CSAM (Chinese Soc. Agric. Machinery)
ESTABLISHMENT

The Asian Association for Agricultural Engineering (AAAE) was formally established on December 5, 1990 by virtue of a vote of the assembly after discussion from the floor by participants at the International Agricultural Engineering Conference, held at the Asian Institute of Technology, Bangkok, Thailand, December 3 - 6, 1990.

AAAE was formed for the general advancement of the agricultural engineering profession and for its application in all aspects, as it relates to the Asian Region of influence in the World.

Asian Association for Agricultural Engineering (AAAE) is a professional organization in the region, primarily focusing on strengthening the profession of Agricultural Engineering by promoting information exchange, and improving communications. We strive to formulate, establish, and promote voluntary academic, professional, and technical standards of relevance to the profession of Agricultural Engineering in Asia. We support, at the international level, the activities of national Agricultural Engineering societies or related associations and to maintain liaison among them. We coordinate and assist in organizing timely international meetings in cooperation with national societies/associations within the region.
To enhance capacity building of our member countries through knowledge networking and information sharing in three thematic cluster programmes.

News

- Goodwill Visit to the Ministry of Foreign Affairs of China
- Visit to Chinese Academy of Engineering
- Food insecurity: a Growing Threat in Asia
- APCAEEM released two publications available online
- Courtesy Visit to UN Resident Coordinator in China
- ESCAP-APCAEM well placed as a Subregional Arm for promoting

Activities

- Value-added Food Processing: the 6th China Food Exposition, 27-29 August 2008, Henan province of China
- A Regional Forum on Bioenergy Sector Development Challenges, Opportunities, and the Way Forward was held in Bangkok, Thailand from 23-25 January 2008
- The third sessions of the Governing Council and the Technical Committee of APCAEEM held in Beijing, China, 20-23 November

Our Mission

APCAEM is committed to enhancing environmentally sustainable agricultural and food production, applying green and modern agro-technology for the well being of producers...more

Links to ESCAP and the Regional Institutions

UNESCAP (Bangkok)
APCICT (Incheon)
APCTT (New Delhi)
CAPSA (Bogor)
Welcome to JSAM!

Japanese  English
The Chinese Society of Agricultural Engineering (CSAE) was founded in 1979 as a member of the China Association for Science and Technology (CAST), a country member of International Commission of Agricultural Engineering. CSAE has appointed 5 working and 19 professional committees listed below to conduct specific activities:

Working Committees: Academic Activity Exchange, International Exchange, Popularization of Agricultural Engineering, Consultative Center of Agricultural Engineering and Youth Science and Technology.

The Chinese Society for Agricultural Machinery (CSAM) was established in March 1963. It is one the first grade national society under the China Association for Science and Technology (CAST) and its administrative body sets up in the Chinese Academy of Agricultural Mechanization Sciences (CAAMMS).

The CSAM possesses a total membership of over 26200, among which members with senior academic ranks amount to over 300. The society is now in the term of office of its sixth board of directors. The board consists of 129 directors, 41 standing directors. It will be composed of the seventh board of directors in the end of 2002.

The highest leading body of the CSAM is the national membership representative assembly. Every 5 years there will hold a national representative assembly to elect its new board of directors. When the assembly is not in session, the board of directors is the leading organization of the society. When the board of directors stands adjourned the standing board of directors is to perform the duties of the board of directors.

The standing administrative body of the CSAM includes an office, an academic department, a popularization department, an advisory department, an international department, and the editorial office of Transactions of the Chinese Society of Agricultural Machinery.
North America

- ASABE (American Society of Agricultural and Biological Engineers)
The American Society of Agricultural and Biological Engineers is an educational and scientific organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Founded in 1907 and headquartered in St. Joseph, Michigan, ASABE comprises 9,000 members in more than 100 countries.

Agricultural, Food and Biological Engineers develop efficient and environmentally sensitive methods of producing food, fiber, timber, and renewable energy sources for an ever-increasing world population. Details about the scope and achievements of the profession can be found in Career Resources and also on the Historic Landmarks page.

ASABE is led by a 14-member Board of Trustees, who ensure ASABE fulfills its missions of facilitating the exchange of technical information and promoting the science and art of engineering in agricultural, food, and biological systems. Activities of the Society are carried out by its four councils: Membership, Meetings, Publications, Standards, with input from the following Divisions and Institutes, which represent ASABE’s technical specialty areas:

- Biological Engineering
- Education
- Food and Process Engineering
- Information and Electrical Technologies
- Power and Machinery
International List of Agricultural and/or Biological Engineering Societies

Including selected and related professional Engineering and Agricultural Science Societies

Africa | America | Argentina | Armenia | Asia | Australia | Austria | Bahamas | Bangladesh | Belarus | Belgium | Belize | Brazil | Bulgaria | Burkina Faso | Canada | China | Chile | Costa Rica | Denmark | Egypt | El Salvador | England | Europe | Finland | France | Germany | Ghana | Greece | Grenada | Guatemala | Hungary | India | Indonesia | International | Iran | Ireland | Israel | Italy | Jamaica | Japan | Jordan | Kazakhstan | Kenya | Korea | Kuwait | Latvia | Lithuania | Luxembourg | Malaysia | Mexico | Morocco | Nepal | Netherlands | New Zealand | Nigeria | Norway | Pakistan | Philippines | Poland | Portugal | Romania | Russia | Saudi Arabia | Slovakia | Scandinavia | Slovenia | South Africa | Spain | Sri Lanka | Swaziland | Suriname | Sweden | Switzerland | Taiwan | Trinidad | Tanzania | Thailand | Tunisia | Turkey | Uganda | Ukraine | United Kingdom | United States of America | Venezuela | Zimbabwe
South America

- ALIA (Asociación Latinoamericana y del Caribe de Ingeniería Agrícola)
- UPADI (Unión Panamericana de Asociaciones de Ingenieros)
- SBEA (Associação Brasileira de Engenharia Agrícola)
# ASOCIACION LATINOAMERICANA Y DEL CARIBE DE INGENIERIA AGRICOLA

## Menú

- Inicio
- Congresos y Reuniones
- Noticias
- Revista
- Foros de Discusión
- Ingeniería Agrícola
- Mapa del Sitio
- Sitios Asociados
- Acerca de ALIA
- Asociaciones Latinoamericanas
- Inscripción en ALIA

## En Línea...

3 usuario(s) en línea (1 usuario(s) navegando Asociaciones Latinoamericanas)

### Asociaciones de Ingeniería Agrícola en Latinoamérica

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<th>Argentina</th>
<th>Cuba</th>
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<td>Belice</td>
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<td>Perú</td>
<td>Uruguay</td>
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<tr>
<td>República Dominicana</td>
<td>Venezuela</td>
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XXXI Convenção UPADI 2008 - Centro de Convenções Ulysses Guimarães


- ver os slides de apresentação da palestra -

"Um grande passo da Engenharia Brasileira" - artigo de Carlos Moura, presidente da FEBRAE (Jornal do Brasil, 24/03/2008), divulgando a WEC 2008 e a XXXI Convenção da UPADI, que acontecerá em Brasília, entre os dias 29 de novembro e 6 de dezembro. Leia o artigo

COMUNICACIÓN
La Unión Panamericana de Asociaciones de Ingenieros – UPADI, comunica que el número del teléfono de la Sede São Paulo ha cambiado para 55 11 3466-9280.
SBEA
Associação Brasileira de Engenharia Agrícola

Eventos e Notícias

CONBEA 2009
ATA da Assembleia Geral da SBEA - 2007

Publicações

ENGENHARIA AGRÍCOLA Vol. 28, n. 2.
confira os trabalhos publicados on-line

Confira as notícias da SBEA e da nossa área no SBEA News n° 101

Associação Brasileira de Engenharia Agrícola
Faculdade de Ciências Agrárias e Veterinárias
Departamento de Engenharia Rural
Via de Acesso Prof. Paulo Donato Castellane, s/nº
14884-900 - Jaboticabal - SP - Brasil
Australia

- SEA (Society for Engineering in Agriculture)
SEAg is a technical society of Engineers Australia. It was formed to promote and support the application of engineering in agriculture.

The aims of the Society are to:
1. improve communication among those with an interest in engineering in agriculture;
2. extend appropriate technical information to Society members and others involved in agriculture;
3. raise awareness of the role of engineering in agriculture.

International visitors and members are very welcome.

A SEAg Conference is normally held bi-annually and the 2009 Conference will be held in Brisbane.
World

- CIGR (International Commission of Agricultural Engineering)
- University Structure and Curricula on Agricultural Engineering
- Global Farm Machinery Network
- Agmachine (Worldwide Agricultural Machinery & Equipment Directory)
- FAO & CIGR IntDir (International Directory of Agricultural Engineering Institutions)
CIGR (Commission Internationale du Genie Rural)

"To apply the principles of engineering science and technology to ensure food security and the sustainable use of natural resources"

Congresses & Conferences

2nd CIGR International Conference of Agricultural Engineering 2008, Iguassu Falls City, PR, Brazil (31 August to 4 September 2008)

The XVII CIGR World Congress 2010, Quebec, Canada (13-17 June 2010)
THE UNIVERSITY STRUCTURE AND CURRICULA ON AGRICULTURAL ENGINEERING

AN OVERVIEW OF 36 COUNTRIES

Editors

Pierluigi Febo and Da-Wen Sun
The Global Farm Machinery Network is for everyone with an interest in the use of farm equipment worldwide.

Latest Activity

Trevor Cree replied to the discussion Claas Crop Tiger Combine Harvester Nov 3

Henry added 12 photos. View Photos Nov 3

aboalfazl joined Global Farm Machinery Network. Leave a Comment for aboalfazl. Nov 1

Henry added a video: Digging Hole Machine Oct 31
agmachine.com

The Global Information Directory for Agricultural Machinery and Farm Equipment

Zanin F.lli - Italy
Machinery, equipment and complete plants for agricultural industries.
www.zanin-italia.com

vevako block/payer plants
henke/masa/rekers/hess/omag specialist in second hand equipment
www.vevako.com

Rotary Filling Machines
High Speed Rotary Filling Machinery For Liquids and Pastes.
www.binerellison.com

Trevor Cree (info@agmachine.com) created this web & is available for information
Welcome to the INTDIR Database. This database is set up to promote information exchange among institutions around the world. It includes more than 640 institutions from almost 100 countries and presents names and addresses of the institutions plus a description of their activities.

For further information, choose "tips for new users".

Note: not updated since 2000-2001
Feasibility of future developments

- History of world database
- Draft agreement with FAO
History of world database

Les institutions de génie rural dans le monde
(International directory of agricultural engineering institutions), 1939, 152 pages – Rome, Impr. Ch. Colombo
- Available at the Accademia dei Georgofili, Florence, Italy, Code GEORG, Disposition 8492, Inventory 74887
- Note: World War II cancelled the III CIGR World Congress scheduled to take place in 1940 in Italy

FAO editions:
- 1957 (and Supplement 1959)
- 1968 (466 pages)
- 1973 (537 pages)
- 1983 (487 pages)
- 1993 (251 pages)
- End of 1990’s (CIGR-FAO: on the web)
Draft agreement with FAO (1)

- Contacts with FAO (Theodor Friedrich & Josef Kienzle) since July 2008
- Database originally elaborated by the German software company MBI, but the ownership is with FAO
- IntDir is theoretically a self updating database, but the work was always carried out by FAO staff
- CIGR has apparently little interest in this joint project
Draft agreement with FAO (2)

- FAO is in the same situation, because of budget restriction
- Theodor Friedrich has two accounts with their passwords, that make it possible to change entries for institutions
- For every country/institution updating should be carried out every 2-3 years
Draft agreement with FAO (3)

- 23 October 2008, meeting at FAO with:
  - Geoffrey Mrema, Director AGS (speaker at Agrievolution 2008)
  - Shivaji Pandey, Director AGP
  - Theodor Friedrich
  - Josef Kienzle

- If Club of Bologna wants to take charge of the updating, FAO would certainly not object, particularly if this would not cost anything to FAO

- On the headline of IntDir, the logo of the Club of Bologna may be added to the ones of FAO and CIGR
Draft agreement with FAO (4) and Conclusions

- FAO will ask no royalties to the Club of Bologna
- An agreement should also be reached with CIGR (both the President Prof. Irenilza de Alencar Nääs and the Secretary General Prof. Takaaki Maekawa are Members of the Club of Bologna)
- Official letters should be addressed to Geoffrey Mrema, Director of FAO AGS, and Irenilza Nääs, President of CIGR.