



International Commission of Agricultural and Biosystems Engineering

# CIGR

*Newsletter  
Quarterly*

**Newsletter No. 110  
September 2017**

*Since 1930  
87 Years of CIGR*

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*Commission Internationale du Génie Rural (CIGR)*

# 1. CIGR NEWS

## Call for candidates of Next Incoming President of CIGR (2019-2020)

CIGR will invite a candidate for next Incoming President (2019-2020). He/She becomes president (2021-2022). Next Incoming President will be elected by voting at least 2 months before the Congress 2018 in April. Would a candidate apply CIGR Secretariat by 31 January 2018?



Presidium meeting

## Summarized Reports of CIGR Business meeting held in Palermo, Italy in 2017 from the Secretary General

Dear Colleagues

I am pleased to send you the CIGR Newsletter No.110 which is going to be published.

The CIGR Business Meeting of Presidium (PM) and Executive Board (EB) had been conducted at XXXVII CIOSTA and CIGR Section V Conference from 12 to 15 June 2017, in Palermo, Italy. I was deeply impressed by the well-organized program and their hospitality.



Prof. Mikio Umeda

### Digested reports of CIGR Business Meetings at University of Palermo in 12 June 2017

Presidium Meeting (PM): from 10:25 to 13:48 on 12 June, 2017, 72nd Executive Board Meeting from 16:05 to 18:00 on 12 June, 2017 were held.



Participants at 72nd Executive Board meeting

### Change Editor-in-Chief and Editorial Committee

It was proposed to change the editor-in-chief to Prof. Yongqian Cheng of China Agricultural University from Prof. Lanfang Zhan with his curriculum vitae. The change of organization and members of the editorial board were also proposed. They were approved unanimously.

CIGR decided to give a memorial present to former editor-in-chief Prof. Lanfang Zhan to express their gratitude.



Certificate and present for Prof. Lanfang Zhang



Participants of CIOSTA and CIGR Section V Conference 2017 at University of Palermo

### New member of CIGR

Philippine Society of Agricultural Engineers (PSAE) and Nigerian Institution of Agricultural Engineers (NIAE) applied to join CIGR. Participation of PSAE and NIAE were discussed. They were welcomed and unanimously approved as new members.

### Collaboration with CIGR and ASABE

Workshop on the European perspective on ASABE's global initiative was held at the conference.



At workshop with CIGR and ASABE (1)



At workshop with CIGR and ASABE (2)

### Transfer of Secretariat jobs from Kyoto to Gainesville

The Secretary General Prof Mikio Umeda (2014-2017) will visit next SG Prof Fedro Zazueta (2018-2021) at University of Florida in Gainesville in October 2017 to transit the secretariat jobs.

With best regards,

*Prof. Mikio Umeda*  
Secretary General of CIGR

## CIGR World Congresses and Internatinal Conferences, 2018–2024

### Call for candidates to hold the 6<sup>th</sup> CIGR Conference 2024

CIGR will decide on the venue of above conference during XIX CIGR World Congress 2017. Would a candidate city/country apply for CIGR Secretariat by 31 March 2018? The candidate should make a presentation at Executive Board meeting during at XIX CIGR World Congress 2018 on 22 April, 2018 in Kyrenia, Cyprus.

For queries, you may send an email to  
The Secretary General of CIGR, Prof. Mikio Umeda  
email: [cigr-gs2014@elam.kais.kyoto-u.ac.jp](mailto:cigr-gs2014@elam.kais.kyoto-u.ac.jp)

### The XIX CIGR World Congress 22-26 April 2018, Antalya, Turkey was changed into Kyrenia, Cyprus

The above conference will be decided in XIX CIGR World Congress during the CIGR General Assembly held in Valencia, Spain on 9 July 2012, Turkey was elected to host the XIX CIGR World Congress.

The venue of the XIX CIGR World Congress has been changed from Antalya, Turkey to Kyrenia, Northern Cyprus. Kyrenia is ideal as a venue since Cyprus, being also an island, has the most desired qualities in terms of security. Direct flights are available from major European cities to Larneca Airport / from several destinations in Europe and Istanbul to Ercan Airport in Nicosia (Lefkose). The Congress will be organized in cooperation with the Turkish Chamber of Agricultural Engineers, Akdeniz University and Ege University. This congress is the most important and the biggest

event for the international community of agricultural engineers. It will be an excellent opportunity to present your current studies, discuss new ideas, technologies, processes, application experiences and machines, developing new collaborations between academics, researchers, developers, engineers, experts, students and also practitioners. This World Congress will also offer you and your family extraordinary experiences about Turkish culture, and daily life as well as the historical wonders of the country during the pre or post congress tours. The Organizing Committee is now actively preparing to ensure the success of this great event. Please see [www.cigr2018.org](http://www.cigr2018.org) in detail,

**Preliminary program**

Day 0, 22 April: CIGR Business meeting

Presidium, Executive Board, Technical board meeting,  
and Section I-VII meeting.

Day 1-3, 23-25 April

Day 4, 26 April

Day 5-8, 27-30 April

TIME	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5 - 8
07:30 - 08:00		REGISTRATION	REGISTRATION	REGISTRATION		
08:00 - 08:30			KEYNOTE SPEAKER	KEYNOTE SPEAKER		
08:30 - 09:00		OPENING CEREMONY				
09:00 - 09:30			ORAL SESSION	ORAL SESSION		
09:30 - 10:00						
10:00 - 10:30						
10:30 - 11:00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		
11:00 - 11:30						
11:30 - 12:00		ORAL SESSION	ORAL SESSION	ORAL SESSION		
12:00 - 12:30						
12:30 - 13:00		LUNCH	LUNCH	LUNCH		
13:00 - 13:30						
13:30 - 14:00	REGISTRATION	POSTER SESSION	POSTER SESSION	POSTER SESSION		
14:00 - 14:30		ORAL SESSION	ORAL SESSION	ORAL SESSION	TECHNICAL TOUR	
14:30 - 15:00						
15:00 - 15:30		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		
15:30 - 16:00						
16:00 - 16:30		ORAL SESSION	ORAL SESSION	ORAL SESSION		
16:30 - 17:00						
17:00 - 17:30						
17:30 - 18:00		POSTER SESSION	POSTER SESSION	CLOSING CEREMONY		
18:00 - 18:30			AWARD CEREMONY			
18:30 - 19:00						
19:00 - 19:30						
19:30 - 20:00	WELCOME PARTY					
20:00 - 20:30						
20:30 - 21:00			GALA DINNER			
21:00 - 21:30						
21:30 - 22:00						
22:00 - 22:30						
22:30 - 23:00						

For queries, you may send an email to Prof. Can Ertekin of Akdeniz University email: [ertekin@akdeniz.edu.tr](mailto:ertekin@akdeniz.edu.tr)

## The 5th CIGR International Conference 2020 Integrating Agriculture and Society through Engineering 14-17 June 2020, Quebec, Canada

During the CIGR General Assembly in Beijing, China on 17 September 2014, Quebec was approved to host the 5<sup>th</sup> CIGR International Conference.

The Conference will be held on 14-17 June, 2020 in Quebec, Canada.

**Program overview**

14 June (Sun): Registration and welcome reception

15 June (Mon): Opening ceremony, Technical sessions and  
Cruise on the St.-Lawrence River16 June (Tue): Plenary session, Technical sessions and CIGR  
Awards Ceremony

17 June (Wed): Technical sessions and closing ceremony

Congress venue: The Quebec Convention Centre

For queries, you may send an email to the Organizer and/or Local Committee Chair at the following email addresses: [stephane.godbout@irda.qc.ca](mailto:stephane.godbout@irda.qc.ca)

## The XX CIGR World Congress 2022 5-9 December, Kyoto, Japan

During the 4th CIGR International Conference in Aarhus, Denmark, the Executive Board meeting on 25 June 2016 was suspended to decide in the host country and trust Presidium. At the Skype Presidium meeting on 6 December 2016, Japan was approved to host the XX CIGR World Congress 2022.

The organizing committee (Chair, Prof Noboru Noguchi of Hokkaido University), Executive Committee (Chair, Prof Hiroshi Shimizu of Kyoto University), other council and board were established in April, 2017. The Congress will be held at Kyoto International Conference Center on 5 - 9 December 2022 in Kyoto, Japan.

**Tentative program**Day 0, 5 December (Mon): CIGR Business meeting,  
registration and welcome receptionDay 1, 6 December (Tue): Opening ceremony, Oral sessions  
and Poster sessionDay 2, 7 December (Wed): Keynote Speech. Oral sessions,  
Poster session, CIGR Awards Ceremony, and  
DinnerDay 3, 8 December (Thu): Keynote Speech. Oral sessions,  
General assembly, and Closing ceremony

Day 4, 9 December (Fri): Technical tour

Congress venue: Kyoto International Conference Center

For queries, you may send an email to Chair of Organizing committee Prof. Noboru Noguchi of Hokkaido University email: [noguchi@bpe.agr.hokudai.ac.jp](mailto:noguchi@bpe.agr.hokudai.ac.jp)

Chair of Executive committee Prof Hiroshi Shimizu email: [hshimizu@kais.kyoto-u.ac.jp](mailto:hshimizu@kais.kyoto-u.ac.jp)

## A Commentary on Structure and Membership Fee of CIGR

CIGR activity is supported by membership fee, but CIGR consists of Regional member organizations (RMO), National member organizations (NMO) and corporate members. You might not know about the membership fee of your society. Secretariat would appreciate your paying attention to membership fee.

In this Newsletter, CIGR secretariat would introduce CIGR membership fee.

Thirty years ago, only a few regional and national societies joined CIGR. Therefore, the CIGR statute prescribes Individual members. Recently many regional and national societies joined CIGR. Thus, most persons participate in CIGR

activities. At the present CIGR does not admit new individual members.

CIGR membership fee was approved by general assembly in Madrid, Spain in 1996. Fees have been collected in US Dollars (USD) since 1998.

The fee separates the developed and developing countries. Until 2013, printed CIGR newsletter (NL) was published. The fee was different whether societies wanted printed NL or not. Since 2014 printed NL was suspended. Therefore, discrimination is only between developed and developing countries.

The calculation formula is follows.

Regional Society:

Developed:  $F=1000 + 4*N$

Developing:  $F= 400 + 2*N$

National Society:

Developed:  $F= 600 + 4*N$

Developing:  $F= 200 + 2*N$

Corporate member: equally 150 USD

N is called the number of members of a society, but N is not related to the actual number of society members.

N is only used to calculate the membership fee. Also N decides the right to vote in elections or revision of statues.

### CIGR Membership fee as of 1.09.2017

Where, Reg: Regional Society, Crop: Corporation, Natio: National Society  
A: Developed region or country member, B: Developing region or country member  
N: Number of members, Vote: The right of voting, Fee: Membership fee

No.	Abb.	Member organization	Category	A/B	N	Vote	Fee
1	AAAE	Asian Association for Agricultural Engineering	Reg	B	20	20	440
2	AOAD	Arab Organization for Agricultural Development	Corp	B	50	1	150
3	ASABE	American Society of Agricultural and Biological Engineers	Reg	A	700	15	3800
4	EurAgEng	European Society of Agricultural Engineers	Reg	A	824	15	4296
5	2iE,	Intern. Institute for Water and Environmental Engineering	Corp		.....	1	150
6	ALIA,	Asociación Latinoamericana y del Caribe de Ingeniería Agrícola, Reg	Reg	B	30	3	460
7	SEASAE,	South and East African Society of Agricultural Engineering	Reg	B	20	2	440
8	SEAg,	Society for Engineering in Agriculture (Australia)	Natio	A	10	2	640
9	SBEA,	Brazilian Association of Agricultural Engineering	Natio	B	100	6	400
10	CSBE,	Canadian Society For Bioengineering	Natio	A	50	4	800
11-1	CSAE,	Chinese Society of Agricultural Engineering	Natio	B	90	5	380
	-2 CSAM,	Chinese Society for Agricultural Machinery					
12	CAS,	Czech Agricultural Society	Natio	A	20	2	680
13		Not Used					
14	FAO,	Food and Agriculture Organization of UN, HQ: Italy	Corp		.....	1	150
15	ISAE,	Israeli Society of Agricultural Engineering	Natio	A	19	2	676
16	IAERI,	Iranian Agricultural Engineering Research Institute	Natio	A	20	2	680
17	SCJ,	Science Council of Japan]	Natio	A	900	16	4200
18-1	KSAM,	Korean Society for Agricultural Machinery	Natio	A	100	6	1000
	-2 KSAE,	Korean Society of Agricultural Engineers					
19	ANAFIDE,	Association Nationale des Améliorations Foncières, de Morocco l'Irrigation, du Drainage et de l'Environnement	Natio	A	26	3	704
21	PAN,	the Committee of Agricultural Engineering of the Polish Academy of Sciences	Natio	A	31	3	724
22	EAAAE,	Euro Asian Association of Agricultural Engineers (Actual Russia)	Regi	A	50	4	800
23	TCAE,	Turkish Chamber of Agricultural Engineers	Natio	A	19	2	676
24	ZSVTS,	Slovak National Committe - CIGR-SR"	Natio	A	26	3	704
25	SAIAE	South African Institute of Agricultural Engineers	Natio	A	100	6	1000
26	UNIDO,	UN Industrial Development Organization, HQ: Austria	Corp		.....	1	150
27,28 and 29		Not Used					
30	SITMAFGR,	Société des Ingénieurs du Machinisme Agricole & Association Française du Genie Rural	Natio	A	10	2	640
31	GSAE,	Ghana Society of Agricultural Engineering	Natio	B	10	2	220
32	ISAE,	Indian Society of Agricultural Engineers	Natio	B	100	6	400
33	UN-CSAM,	Centre for Sustainable Agricultural Mechanization, HQ: NY	Corp		.....	1	150
34	IAARD,	Indonesian Agency of Agricultural Research and Develop.	Natio	B	35	3	270
35	PSAE,	Philippine Society of Agricultural Engineers (Join from 2017)	Natio	B	35	3	270
36	NIAE,	Nigerian Institution of Agricultural Engineers (Join from 2017)	Natio	B	10	2	220

## 2. PUBLICATIONS

**Agricultural Engineering International**  
**The CIGR Journal**  
**Prof. Yongqiang CHENG,**  
**Editor-in-Chief**  
**ISSN 1682-1130**

**Submit manuscripts for peer review to**  
[www.CIGRjournal.org](http://www.CIGRjournal.org)

From 17 October 2016 to 31 May 2017, the Editorial Office of CIGR Journal has continually worked hard and progressed under the guidance of CIGR Presidium, with strong support from Prof. Fedro Zazueta, the joint instruction of Prof. Zhang Lanfang and Prof. Cheng Yongqiang, the Editors-in-Chief of CIGR



Journal, the active Prof. Yongqiang Cheng volunteering work of all the Associate Editors (AE), the enthusiastic support and efforts of the reviewers and the authors. Prof. Cheng Yongqiang undertook the work as the new Editor-in-Chief of CIGR Journal since early April of 2017 due to retirement of Prof. Zhang Lanfang. Thanks to the solid foundation Prof. Zhang has laid, the new submissions and registered users to CIGR Journal in 2017 continue to grow steadily. The table below shows the statistics of the CIGR Journal from October 17<sup>th</sup>, 2016 to May 31<sup>st</sup>, 2017 using Open Journal System (OJS).

As CIGR Journal already set up its goal to enter Thomson Reuters' citation in 2-years' time, improving both the technical level and paper quality has been the primary task of the Editorial Office of CIGR Journal. Authors, reviewers, Associate Editors, Editors-in-Chief and CIGR Presidium and Executive Board members are the keys to ensure upgrading the quality of CIGR Journal. Editor-in-Chief would particularly call for the sustained support from the Associate Editors for the publication of CIGR Journal, also welcome recommendation of devoted Associate Editors by all people who are concerned about the development of CIGR Journal. The total number of Associate Editors of CIGR Journal is 21 at present. They are from 14 countries, namely: Netherlands, Spain, Egypt, Iran, Turkey, China, the United States, Italy, Portugal, Serbia, Hungary, New Zealand, Greece and Bulgaria. Note: Percentages for peer-reviewed submissions sometimes may not add up to 100% as items resubmitted are either accepted, declined or still in the process of review.

The number of total submitted papers from 17 October 2016 to 31 May 2017 is 244, 33% submissions per month on average. The average time to complete the review and

editorial processes to publish a manuscript is more than 90 days. Among the 244 new submissions, 38 (15.6%) have been peer reviewed and are in editing. Among the 97 manuscripts in editing, 59 of them were submitted before 17 October 2016. Of newly submitted 244 papers, 206 are in the review process and 38 (18.4%) are currently for reviewers' comments. Some Associate Editors need to assign the manuscripts to more reviewers since the selected reviewers did not accept the reviewing invitation sent by the Associate Editors in order to speed up the review process. It is also notable that 71 (29.0%) of newly submitted manuscripts were archived by the Editor-in-Chief before assigning to the Associate Editors because of their incompatibility with the author's guideline, not with the scope of the CIGR Journal or poor English level. It is the responsibility of Editor-in-Chief to filter unqualified manuscripts, as well as to sustain and improve the quality of our Journal. During the 7 months, one issue of CIGR Journal, Vol. 18, No. 4 with 29 manuscripts and total pages of 300 were published on time. Vol. 16, No. 1 will be published at the end of June 2017 with about 27 manuscripts. Due to transfer of work and unfamiliarity with the journal work, the publication frequency has been affected; the Editorial Office will spare no efforts to get familiar with our work and push forward the publication of CIGR Journal. It will continue its endeavour of maintaining the manuscript statistics and prompt communications with all the Associate Editors.

By 31 May 2017, the total number of registered users in CIGR Journal through OJS reached 10,323 with 278 new users compared to the statistics accounted as of 17 October 2017. The number of registered readers is 8,696 with 183 new readers compared to the database of 17 October 2016. Also, owing to the incomplete registration information, particularly without clearly indicating the review areas of the reviewers, it is hard for the Associate Editors to select proper reviewers according to their expertise. Some reviewers have little interest in reviewing the papers which prolonged the time of peer-review process. The CIGR Journal warmly welcomes the participation of its members as well as the scientists and engineers engaged in agricultural and biosystems engineering worldwide. We appreciate your journal work and your support. If you have not registered in CIGR Journal, please do so by visiting the Journal website at <http://www.cigrjournal.org/index.php/Ejournal/index>, and registering as an author, reader and reviewer.

At present, there are 319 manuscripts in total, with 97 papers accepted and in editing, the rest are under review or for revision.

Thank you!

*Prof. Cheng Yongqiang*  
 Editor-in-Chief of CIGR Journal

**2017 Statistics for the CIGR Journal (October 17th, 2016 to May 31st, 2017)**

Issues (Vol.18, No. 4)	Published 1 (Vol.18, No. 4)
Items (Research papers)	29 in Vol.18, No.4
Total new submissions	244
Peer reviewed	38 (15.6%)
In review with some review comments	38 (15.6%)
In review without review comments	168 (84.4%)
Papers were held by Associate Editors	29 (11.9%)
Accepted as new submissions, including published and in editing	38 (12%)
Declined as new submissions	71 (29%)
Total manuscript in handling(including the ones submitted before)	319
Days from submission to complete review	Over 60
Days from submission to publication	Over 90

**CIGR Technical Section Boards (2015-2018)**

<b>Section I:</b>	<i>Land and Water</i>	Chair: Gerrit J. Carsjens (Netherland)
<b>Section II:</b>	<i>Structures and Environment</i>	Chair: Álvaro Ramírez-Gómez (Spain)
<b>Section III:</b>	<i>Plant Production</i>	Chair: Qin Zhang (USA)
<b>Section IV:</b>	<i>Energy in Agriculture</i>	Chair: R.Cengiz Akdeniz (Turkey)
<b>Section V:</b>	<i>System Management</i>	Chair: Remigio Berruto (Italy)
<b>Section VI:</b>	<i>Bioprocesses</i>	Chair: Amauri Rosenthal (Brasil)
<b>Section VII:</b>	<i>Information Technology</i>	Chair: Seishi Ninomiya (Japan)

**Correciton:**

Chair of Section II is Álvaro Ramírez-Gómez (Spain), but it was written as Eberhard Hartung (Germany).

**All correspondence and information on forthcoming activities should be sent to:**

**CIGR GENERAL SECRETARIAT**

**Professor emeritus Dr. Mikio Umeda, Secretary General**

**Professor emeritus Dr. Makoto Hoki, Assistant to Secretary General**

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