



Editorial

Featured Event

ENGINEERING CONGRESS 2009

- Alternative Energy Application Option or Necessity?

The Kuwait Society of Engineers is proud to announce that it is holding the international [Engineering Congress \(EC\)](#) on the occasion of the WFEO General Assembly meetings in Kuwait, from the 2nd to 6th of November 2009. The EC 2009 Kuwait will address Alternative Energy Resources, a subject that touches the life of every human being on Earth.

Upcoming events

- 9 -14 August:
[33rd International Association of Hydraulic Engineering and Research Congress](#)
- 15 -16 October:
[Current State and Challenges for Sustainable Development of Infrastructure](#)
- 11 - 14 November:
[World Justice Forum II](#)

Today we are presenting the first E-Bulletin of the World Council of Civil Engineers, dedicated not only to all our national, international, and individual associated professional members but also to all the people interested and involved in civil engineering around the world. Our main purpose is to provide information, leadership and guidance to our civil engineering profession worldwide on issues of concern to the community we serve like:

- sustainable development and sustainability certification
- better communication systems
- transfer of technologies from developed to developing countries
- education, training and capacity building
- eradication of poverty
- climate change
- natural disaster mitigation and management
- water and energy issues
- insurance system and warranties of civil works
- fight against corruption
- collaboration with other international engineering organizations

We are going to start with a quarterly presentation of our WCCE E-Bulletin, which will have different sections, devoted to various themes we are going to tackle. Our four Standing Committees will have their own section.

With this Bulletin, which will be prepared in our headquarters of Madrid, we want to make information on civil engineering available to all the countries and to facilitate communication between our member nations. I want to reiterate our gratitude to the Spanish Colegio de Ingenieros de Caminos, Canales y Puertos for the generous support.

I remind you of our role and responsibility as civil engineers with our professional Kinsfolk. Now it is up to all of us to accept this important challenge, contributing in an efficient, effective and continuous way to the success of our new E-Bulletin.

Many thanks in advance for your valuable effort.

Emilio Colon, New President of WCCE

Dr. Emilio Colon has been appointed President at our 4th General Assembly in Istanbul. He has been former Puerto Rico Aqueduct and Sewer Authority Executive Director and member of the Executive Committee of WFEO, UPADI and the AWWA.



WCCE President, Emilio COLON

Since WCCE foundation, he has chaired the Construction Committee and was elected President in 2007 during our Second General Assembly held in Victoria Falls, Zimbabwe. His area of expertise is water management and waterworks projects.

Contenido:

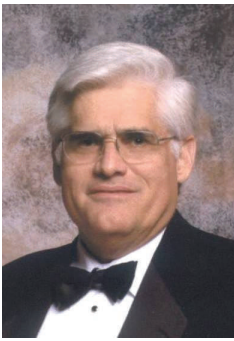
Opening Words	2
Earthquake and Tsunami	2
Water legacy	3
Brief News	3
Earthquake and Tsunami	4
Event Calendar	5

Communication is key to our continued growth Our Column – Emilio Colon, President of WCCE

Upon entering its fourth year of existence, the World Council of Civil Engineers is demonstrating the strength of the organization and its members. It continues to grow, both in membership as well as in efforts by its Standing Committees.

Communication is key to our continued growth. Relying on electronic communications, versus printed matter, enables us to reach all our membership instantly and with a high degree of reliability. It also allows for Committee and organizational actions to be taken quickly, crossing time zones with speed. Our National Members now reach out through nine time zones.

The Secretariat, almost centrally located, can reach out easily to the membership, currently spanning five continents.



Communication is key to our continued growth Our Column – Emilio Colon, President of WCCE

Through our four Standing Committees, the WCCE is reaching out, not only to our membership, but to the Civil Engineering community and related professions and fields of practice.

- **SC Natural Disasters** conducted a successful Earthquake and Tsunami Conference last June.
- **SC Water** has established a strategic alliance to continue to disseminate the valuable work from the Zaragoza Water Expo.
- **SC Education and Capacity Building** is involved in ethics and anti-corruption training in Africa.
- **SC Construction** is on the verge of launching three unique programs dealing with project sustainability, codes and insurance requirements compliance.

Reliance on Web Resources is vital to our global communications scheme. The redesign of our web site, www.wcce.net, will bring in services to not only our membership, but the public in general.

Products and Services are what add value to our members and the general public. This month initiates the launching of a quarterly e-bulletin. As work progresses, the expectations are to have a monthly e-bulleting during 2010.

Publications, in electronic formats, will be available during 2010. Both the Zaragoza Expo legacy as well as the proceedings from the Istanbul Earthquake and Tsunami Conference will mark this milestone.

So, come and join us and be part of these efforts to promote the role of the Civil Engineer.

“Reliance on Web Resources is vital to our communications scheme.”

“Zaragoza Expo legacy Istanbul & Earthquake and Tsunami Conference E-Publications will be available by the end of 2009.”

IV WCCE General Assembly - 25/26 June - Istanbul

The World Council of Civil Engineers held its IVth General Assembly Meeting in Istanbul, Turkey, between 25-26 June on the occasion of the joint International Conference on Earthquake and Tsunami. The meeting, which included representatives of national members, from business and academia, civil society was aimed at promoting dialogue and mutual understanding between networks operating in different local contexts, identifying the problems and difficulties and facilitate the pursuit of shared solutions and identify best practices, opportunities and initiatives.

Photo Gallery



General Assembly Sessions
26th June 2009—Istanbul



Future, Present and Past:
PElect RUA, President COLON, PPresident MEDEM



WCCE Attendees to General Assembly
26th June 2009—Istanbul

International Conference – Conclusions

Earthquake & Tsunami Conference organised by Natural Disasters Standing Committee of the World Council of Civil Engineers in collaboration with the European Council of Civil Engineers and Turkish Chamber of Civil Engineers has been completed.

The Conference, where welcome addresses were delivered by the representatives of the three organising partners, was a success. Prof. Jose Medem, President of WCCE, Mr. Richard Coackley, Immediate Past President of ECCE and Mr. Serdar Harp, President of TCCE took the floor in the opening session.



Jose MEDEM, WCCE

Sedar HARP, TCCE

Richard COACKLEY
ECCE

Facts and figures

Out of the 142 initial applications 118 papers were received and 76 of them were accepted for either oral or poster presentation. These papers reflecting the most interesting recent research results all over the world in the area of earthquake and tsunami disaster mitigation are collected in a CD annexed to the volume of abstracts consisting of the expanded abstracts of all papers accepted to the conference. Both Volume of Keynote Papers and Volume of Abstracts were presented to the participants at the beginning of the conference upon registration.



Istanbul & the Congress



Out of various social activities, the gala dinner on board a Bosphorus cruise boat proved to be the most enjoyable one. The tasteful Turkish food served together with good quality Turkish wine accompanied by nice light classical music performed by a young trio were crowned by the magnificent evening and night sceneries of Bosphorus. Above all, the friendly atmosphere (probably helped by the wine) was remarkable.

Aftermath

The Earthquake & Tsunami Conference was followed by the WCCE General Assembly on 25-26 June 2006 which marked an emotional change of era; Prof. Medem handed over the relay race baton to Dr. Colon and became the Immediate Past President of WCCE with a very touching farewell speech.



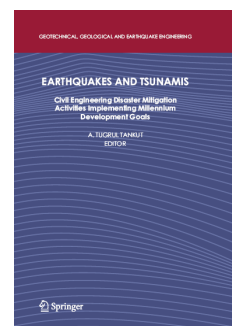
“Twelve internationally renowned experts presented keynote papers reflecting their vast experience in the area of earthquake and tsunami disaster mitigation” published by Springer



Prof. TASSIOS, Greece



Ishihara, Japan



Keynote papers collected by Springer



Zaragoza International Exposition

The legacy of the Water Tribune commissioned to WCCE

On June, WCCE Standing Committee on Water and the International Society of Zaragoza's International Exposition, agreed that the legacy of the Water Tribune of Zaragoza be commissioned to WCCE as it is considered "the best Vehicle to disseminate this information among all water professionals and organizations".

This legacy will become available in the WCCE website in the months to come.

The Legacy

The Legacy comprises all the activities regarding water that were held during the four months that the International Exposition of Zaragoza extended.

The overall information exceeds more than 1000 h of video footage and more than 2000 documents on the discussions held in the Water Tribune.

The Water Tribune

The Water Tribune was a think tank created to stimulate discussions regarding water and sustainable development for the 21st Century.

Its mission was to become a Milestone regarding the most compelling issues of water and sustainable development, for debate, conciliation, and summary as described in the Zaragoza Charter.

Brief News from WCCE



Two new more members: Nigeria and Kuwait

During the last General Assembly we have incorporated two new more members to our organization.

The Kuwait Society of Engineers is our first member located in the Middle East, the most active infrastructure region at the moment. On the other hand, the Ni-

gerian Institution of Civil Engineers has become the fourth African member of the WCCE, consolidating that region's role in WCCE.

With these two incorporation our members has risen to 26 with more than 50 countries represented.

The number of individual professionals is now over 100.

Next Executive Committee

The World Council of Civil Engineers will hold its next physical Executive Committee in Kuwait City, Kuwait on the 1st of November on the occasion of the WFE0 General Assembly.

This meeting will be hosted by one of our latest new members, Kuwait Society of Engineers.

"Theory is the language by means of which lessons of experience can be clearly expressed."

Karl Von Terzaghi



Famous CEng: Karl von Terzaghi

Karl von Terzaghi was born on October 2, 1883 in Prague in . He was an excellent student, especially in geometry and mathematics, and graduated with honors at the age of seventeen. Terzaghi entered the Technical University in Graz to study mechanical engineering in 1900. In 1923, he became the father of Soil Mechanics. His 256 papers and reports laid the basis for all new technologies on foundations. [\[+\]](#)



World Water Day

By resolution 47/193 of 22 December 1992, the General Assembly declared 22 March of each year World Day for

Water starting in 1993. It is a unique occasion to remind everybody that concrete efforts to provide clean drinking water and increase awareness world-wide of the problems and of the solutions, can help make the difference.

[\[+\]](#)



“ANTICORRUPTION ALLIANCES AND ACTIONS WITH GIACC” - Anticorruption Workshop

WCCE hosted in Istanbul a one day workshop entitled “Anticorruption alliances and actions with GIACC “. Keynote speakers for this workshop were:

- Catherine Stansbury, General Director of GIACC
- Sedar Harp, President of TCCE
- Martin Manuwaha, Chairman of Education & Capacity building SC
- Kamel Ayadi, Chairman WFEO Anticorruption SC

The presentations had a follow-up debate which was very fruitful and was able to identify corruption on a much broader sense, not only related with the tendering processes but to any other phases of the infra-structure design.

Experiences as the train the trainers workshop held in Tunis earlier this year were discussed as well as any other approaches that impede corruption from ruining infrastructure.

COMBATING CORRUPTION IN ENGINEERING AND CONSTRUCTION

We, the undersigned, as leaders in the global engineering community, recognize that corruption of all forms diverts resources from projects intended to raise living standards, threatens sustainable development, impoverishes communities, and tarnishes the reputation of the profession. We hereby join in the battle against bribery, fraud, and corruption in engineering and construction worldwide.

- We acknowledge, as fundamental principles of professional conduct that engineers as individuals must:
- Ensure that they are not personally involved in any activity that will permit the abuse of power for private gain.
- Recognize that corruption occurs within the public and private sectors, in the procurement and execution of projects, and among employers and employees.
- Refuse to condone or ignore corruption, bribery, or extortion; or payments for favors.
- Urge professional engineering societies and institutions to adopt and publish transparent, enforceable guidelines for ethical professional conduct.
- Enforce anti-corruption guidelines by reporting infractions by any participant in the engineering and construction process.

Further, we pledge to support the formal adoption of these principles by our professional organizations; build professional and public support for zero tolerance for bribery, fraud and corruption; seek transparency in all dealings with public officials and private owners; and coordinate our efforts with the work of Transparency International, the Partnership Against Corruption Initiative of the World Economic Forum, the World Bank, World Federation of Engineering Organizations(1), FIDIC and other local or global organizations seeking the same goal.

If you are interested in signing this charter press [here](#)

بيان منبذة الفساد والاحتيال في الهندسة والبناء العالمية
 نحن الموقعين على هذا البيان، كقادة في المجتمع الهندسي العالمي، نقر بأن الفساد بجميع أشكاله يحوط الموارد من المشاريع التي تهدف الى تحسين المعايير الحياتية، يهدد التنمية المستدامة، يفقده المجتمعات، ويؤذي سمعة المهنة. نحن بالتالي نعلن اننا نقاتل الفساد في الهندسة والبناء على مستوى العالم.

نحن نقر بان الفساد بجميع أشكاله يحدث في القطاعين العام والخاص، في عمليات التعاقد وتنفيذ المشاريع، وبين أصحاب العمل والموظفين.

نحن نرفض صراحة أو ضمناً الفساد، الرشوة، أو الابتزاز؛ أو الدفع مقابل المزايا.

نحن نحث الجمعيات المهنية الهندسية والمؤسسات على اعتماد ونشر إرشادات مهنية واضحة وقابلة للتنفيذ لسلوك مهني أخلاقي.

نحن نلتزم بتنفيذ إرشادات مكافحة الفساد من خلال الإبلاغ عن المخالفات من قبل أي مشارك في عملية الهندسة والبناء.

الموقعين
 الأمانة
 التاريخ
 رقم التسجيل: 01/2017

1) WFEO (World Federation of Engineering Organizations) - 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

Upcoming Events

The 2009 IEEE Conference of the History of Technical Societies
Philadelphia, USA [\[+\]](#)

7th National Seminar on "Occupational Health and Safety"
Karachi, Pakistan [\[+\]](#)
7th and 8th August 2009

33rd International Association of Hydraulic Engineering and Research Congress
Vancouver, Canada [\[+\]](#)
10th to 14th August 2009

World Water Week
Stockholm [\[+\]](#)
16th to 22nd August 2009

ICEE-ICEER 2009
Seoul, Korea [\[+\]](#)
23rd to 28th August 2009

Theme "Human Capital and Infrastructural Needs for Zambia"
Lusaka, Zambia [\[+\]](#)
28th August 2009

54th Annual General Meeting of the Engineering Institution of Zambia
Lusaka [\[+\]](#)

World Congress on ICT for Development, WCID 09
Beijing, China [\[+\]](#)
10th to 12th September 2009


The 3rd WFEO – JFES – JSCE International Symposium on Disaster Risk Management
Fukuoka, Japan [\[+\]](#)
3rd September 2009

1st European Conference on Gender and Diversity in Engineering and Science
Dusseldorf, Germany [\[+\]](#)
11th to 13th September 2009

FIDIC Conference
London, UK [\[+\]](#)
13th to 16th September 2009

Challenge and Expectations against Engineers in the next decades – Until 2030; The role of Continuing Engineering Education
Budapest, Hungary [\[+\]](#)
17th and 18th September 2009



In the months to come this events will be available on a RSS Channel. 

If you are interested in including your events in our newsletter, please contact Secretariat.

July 2009

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

October 2009

1	2	3	4			
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January 2010

1	2	3				
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August 2009

1	2					
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November 2009

1						
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

February 2010

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

September 2009

1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December 2009

1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

March 2010

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Intl. Directorate Meeting UPADI
San Juan de Puerto Rico [\[+\]](#)
23rd to 27th September 2009

EUROINFRA 2009 Current State and Challenges for Sustainable Development of Infrastructure
Helsinki, Finland [\[+\]](#)

Hydro 2009, Progress, Potential and Plans
Lyon, France [\[+\]](#)
26th to 28th October 2009

2009 International Environmental Conference Society of Sustainability and Environmental Engineering
Melbourne, Australia [\[+\]](#)

WFEO General Assembly and Engineering Congress Alternative Energy Applications: Option or Necessity 2nd International Conference on Engineering for Sustainable Energy
Kuwait City, KUWAIT [\[+\]](#)
1st to 6th November 2009

Engineering Congress on Alternative Energy Applications EC2009
Kuwait City, KUWAIT [\[+\]](#)
2nd to 5th November 2009

World Science Forum
Budapest, Hungary [\[+\]](#)
5th to 7th November 2009

5th Middle East Nondestructive Testing Conference & Exhibition 2009
Bahrain [\[+\]](#)

Official week of Engineering, Architecture and Agronomy 66th SOEAA
Manaus, Amazonas, Brazil [\[+\]](#)

Global Crisis Challenges and Opportunities to Engineers in LD Economies
Arusha, Tanzania [\[+\]](#)

Intl. Conference on Future Challenges in Wireless Communication, Optical Communication and Networks
Chandigarh, India [\[+\]](#)
10th to 12th December 2009

13th Middle East Corrosion Conference and Exhibition
Gulf Hotel Kingdom of Bahrain [\[+\]](#)
14th to 17th February 2010

II Intl. Conference on Ethics and Human Values in Engineering
Barcelona, Spain [\[+\]](#)