

2015-2018 President Mandate Report

Secretariat Address:
World Council of Civil Engineers (WCCE)
Colegio de Ingenieros de Caminos, Canales y Puertos
C/Alvarez 40, Madrid, SPAIN

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1. STRATEGIC PLAN

The Strategic Plan for my mandate was presented in 10th WCCE General Assembly in Victoria Falls, 18th September 2015. It has been the reference that has guided the actions during the period of my Presidency.

In that General Assembly we charted an attractive course, working together as a team. Key point: We want and we need to engage numerous civil engineers to our project, directly or through organizations (public or private) to which they belong: professionals and organizations entities who share our vision, mission and values, and who are able to contribute with new ideas and new energy. Engineers committed, on equal foot, to contribute effectively to sustainable development and to improve living conditions of all mankind, managing the built and natural environment, through:

- Sharing knowledge and experience
- Application and transfer of technical skills
- Showing society the importance of civil engineering and its good practice

Members who share solidarity with developing countries, promoting the practice of our profession with integrity, ethics, and high technical standards.

In such Strategic I explained the Objectives (Key Success Factors): what we were setting out to achieve in those three years, regarding:

MEMBERSHIP

- Increase membership and become present in all continents,
- Maintain on-going contact with Member Organizations

SERVICES

- Increase the services and ensure its continuity
- Promote the activity of the Standings Committees incorporating representatives of all Members
- Develop and deliver specialized services on a segmented basis as required

COMMUNICATIONS

- Promote the activity of the Standings Committees incorporating representatives of all Members
- Increase communication and social presence of WCCE
- Presence based on IT systems and solutions to increase performance and reduce costs
- Promote a modern vision of civil engineering as a profession of progress, enhancing the commitment to sustainable development and the eradication of poverty

FINANCES

- Adapt fees' policy to the crisis and enhance WCCE's solidarity fund.

ALLIANCES

- Promote partnership with global organizations (more strategic alliances)
- Commit a framework of loyal and synergically productive with other global organizations

CONFERENCES AND SEMINARS

- Promote the activity of the Standings Committees incorporating representatives of all Members

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2. OUTREACH STRATEGY

For the first challenge (membership) we designed and disseminate from 2013 a new marketing document, **WCCE AT A GLANCE**, that has been very useful for our outreach strategy.



With the commitment and work of Executive Council members, the presidency has developed an intense work in order to engage new organizations as members of the WCCE. The results have been that we have today some new members, which have been incorporated in this period:

NATIONAL MEMBERS:

- Y AFRICA: Reactivation of Nigeria, Zambia and arising interest .IER from **Rwanda**. Is also interested en become new members.
- Y AMERICA: SIB from **Bolivia** has reactivated its membership (2017). Unfortunately, Colombia's SCI Germany has withdrawn from the Council on 2017.
- Y ASIA: **Georgia** (2017) has become new national member
- Y EUROPE: ECM-CEC from **Montenegro** has become a new member (2017).

INTERNATIONAL MEMBERS:

- Y Southern Africa Engineering Organizations –**SAFE0**- from Africa (2014) (12 national entities members)
- Y Council of Civil Engineering Organizations of Portuguese and Spanish Language **CICPC-CEPCP** (2015) (24 national entities members)
- Y **ALEIC** – Latin-American Association of Civil Engineering Students (2015)
- Y We are also speaking with International Association of Civil Engineering Students (**IACES**), from Europe. WCCE sponsorship its annual meeting in 2014.

ASSOCIATE MEMBERS

- Y **Aqualogy** (Group AGBAR) has become new member in 2014, because of its sponsorship of Water Monography
- Y **ETSIIICCP Madrid** (Madrid Civil Engineering University) has reactivated its membership
- Y Unfortunately, ZDI from Germany has withdrawn from the Council, after 2014 election process for president elect.

INDIVIDUAL MEMBERS:

Until now, the incorporation of individual members has been rather negligible.

As we can see, some relevant facts are remarkable: WCCE has new members in all the groups, both public and private sector. And they also include students, one of the most satisfactory challenges we can reach. In this case, thanks to the labor of our president elect Alfonso Gonzalez.

We are negotiating with several organizations their joining, and we hope that in the next years we will be able to keep growing, because we will continue strengthening WCCE with new services and products.

We have also made our best effort in order to involve and better commitment to existing members, maintaining on-going contact with Member Organizations. Honestly this was not an easy task, the economic crisis and other reasons have negatively affected the effective participation of various members. But, in general terms, the participation of the WCCE members has been increased. It's really important to work hardly continuously in this matter!

This process of dialogue is particularly intense with the countries of ECCE, which was the organization that drove the creation of the WCCE.

There are also favourable expectations in the Americas, where we hope that this 13th General Assembly and the days shared with the engineering organizations of this continent will allow us to make possible the incorporation of new members.

Asia Pacific region is a challenge to be addressed in the next years, as WCCE there is little known.

In a nutshell, these have been three successful years in which both the increase in number of member organizations, and the boost in their participation, has been satisfactory.

3. PARTNERSHIPS & ALLIANCES

For the accomplishment of our second challenge - **services** - it has been necessary to establish some strategic alliances. In this period our activity has been especially intense, with the very outstanding participation of Past President Colon, the Vice-presidents, the Communications Director and the Executive Director.

In this section, I would like to highlight six joint collaborations:

UNESCO



United Nations
Educational, Scientific and
Cultural Organization

WCCE commitment with UNESCO has broadened during this period. A partnership agreement was signed on 2016. Our common effort is the integration of sustainability in engineering curriculum and accreditation of civil engineering education, and on the promotion of engineering in sustainable development.

Through this Partnership Agreement, the two organizations will collaborate on the elaboration and dissemination of UNESCO's Engineering Report. They will also promote initiatives to enhance seismic safety in heritage structures and foster the accomplishment of the Sustainable Development Goals upon civil engineering professionals

In addition to this,, WCCE has advanced the necessary steps in order to sign an relevant MoU on to the joint publishing of **International Guidelines to improve the seismic safety & cultural heritage** between WCCE, World Council of Civil Engineers, ICOMOS International Council on Monuments and Sites Italian Committee and United Nations Cultural, Scientific and Educational Organization (UNESCO).



After three important International Seismic Conferences organized jointly by WCCE and ECCE, it has been seen that the current seismic codes are hardly applicable to the refitting or restoration of heritage structures. Such is understandable since heritage structures differ significantly from modern ones in their materials, their loads, load bearing systems, loading histories, and above all, their seismic responses. In the absence of a seismic code for historical structures, practice appears to be developing rather arbitrarily.

UN-WATER



The strengthening of our partnership with UN Water, has brought up fruitful results for both our organizations and has brought encouraging perspectives for the future First, since our appointment as **UN-Water Partner** in 2013, such collaboration has resulted in various common initiatives.

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OTHER ALLIANCES

GIACC - GLOBAL INFRASTRUCTURE ANTICORRUPTION CENTRE



The maintenance of the Alliance with GIACC has made us possible to intensify our work in different regions (especially America and Africa) in relation to ethics and corruption prevention. Past President Colon and Vice-president Manuhwa have led such initiative. President González and President Elect Treasurer Mineiro Aires have also contributed attending an important meeting in Argentina (May 2015), organized by CPIC.

IAHR - INTERNATIONAL ASSOCIATION ON HYDRO-ENVIRONMENTAL AND RESEARCH



The consolidation of the Alliance with IAHR (international Association on Hydro-environmental and Research), has made us publish jointly two Journals (JAWER and RIBAGUA). During this period, we have participated jointly in several International Conferences and jointly promoted initiatives within the 8th World Water Forum activities in Brasilia.

UN-GLOBAL COMPACT



WCCE is involved with this UN initiative focused to obtain civil society commitment with the 10 principles of the Global Compact derived from statements of the United Nations in the field of human rights, labour, environment and anti-corruption.

Launched in 2000 with 40 companies, the UN Global Compact has now become the world's largest corporate citizenship initiative with over 8,000 corporate signatories from more than 140 countries. Global Compact corporate participants represent approximately 50 million employees, nearly every industry sector and size, and hail equally from developed and developing countries. Global Compact participants are aware that they need to earn and maintain a social license to operate, as well as a legal one. Corporations face increasing expectations from stakeholders to manage their societal impacts, including on human rights, labour, the environment and corruption. And through this initiative, United Nations is looking for support to its SDG's.

4. DELIVERABLES

Since its inception, the World Council of Civil Engineers has committed itself to the continuous professional development of our civil engineering community and the vindication of the civil engineering profession role within society.

WM - WATER MONOGRAPHY SERIES

The World Council of Civil Engineers, the United Nations Office in Spain and Aqualogy Foundation signed an agreement to publish a series of monographs under the topics chosen annually to commemorate the "International Year of Water". The initiative has been welcomed by several stakeholders including UN agencies which have presented their views on water related topics.

ISSUE 3: WATER & SUSTAINABLE DEVELOPMENT - 2016



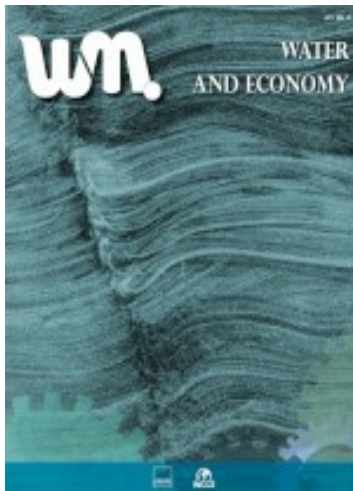
The monograph discusses, on the water and sustainability of the planet, from different perspectives, whether from the goals set by the United Nations, the new Sustainable Development Goals or the need to advance in a technology able to facilitate the availability of water, beyond the natural conditions of the place where we live.

In addition to this, it brings a thorough analysis regarding the importance of the Water management in Sustainable Development, Risk Assessment for Water Systems for a Sustainable development of the Communities, Sustainable initiatives on the Water sector such as the Water for Life Awards.

This WM-3 was presented at Colegio's premises in Madrid on February 28 at 18:00h within the 50th WFEO Anniversary events.

Downloadable copy: [\[+\]](#)

ISSUE 4: WATER & ECONOMY -2018



The monograph discusses, inter alia: the importance of the circular economy, the impact of the new UN International Decade for Action: 'Water for Sustainable Development' (2018-2028), highlighting its enormous value for sustainable development and the eradication of poverty and hunger and, therefore, a key element in achieving the Sustainable Development Goals of 2030. Water Monographies IV also emphasizes the importance of R&D to balance the supply of drinking water with a healthy environment. «Advances in the efficiency of urban water use require a multifaceted approach that addresses control, planning, communication and social awareness as shown in China's sponge city projects.

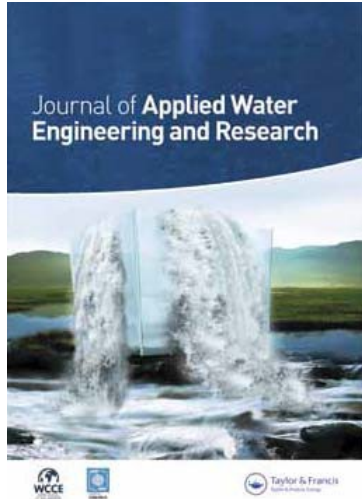
This WM-4 was presented at Colegio's premises in Madrid within the 50th WFEO Anniversary events.

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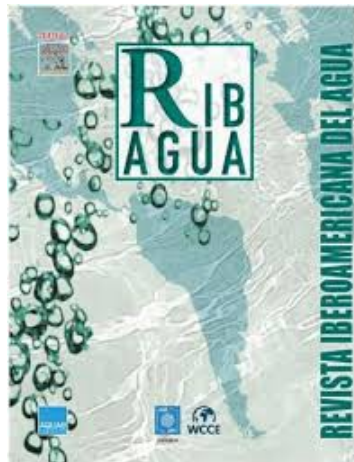
JAWER - JOURNAL OF APPLIED WATER & ENGINEERING



The online Journal of Applied Water Engineering and Research (JAWER) published jointly with the IAHR, edited by Taylor and Francis and holds Prof. Fabian Bombardelli, from Davis University, USA as Chief Editor and Teodoro Estrela, WCCE Vice-president and SCoW Chairman, as deputy Editor.

This peer-reviewed Journal launched in 2013 publishes papers and practical case studies on all aspects of hydro-environment engineering and research. Practically oriented papers and case studies are particularly welcome. Papers cover fluid systems in the hydrosphere, such as rivers, lakes, coastal waters and groundwater within an engineering context, and including hydraulic machinery, hydraulic structures, water supply, treatment and drainage systems. There is a strong interest also in environmental monitoring, catchment hydraulics, water quality and ecohydraulics and their role for climate change studies, flood risk management, desalination, re-use and water security. JAWER also welcomes applications related to integrated water resources management and hydro policy.

RIBAGUA, REVISTA IBEROAMERICANA DEL AGUA (IBERO-AMERICAN JOURNAL ON WATER)



The online Journal Revista Iberoamericana del Agua is edited under the auspices of CODIA (Latin-American Water General Directors). Published jointly with the IAHR, edited by Elsevier holds Prof. Fabian Bombardelli, from Davis University in California, Davis as Chief Editor and Justo Mora, member of WCCE's SCOW as deputy Editor.

This Peer reviewed journal in Spanish and Portuguese language aims to present innovative research and best practices in Latin America to provide solutions to the water problems.

Frequency and format: 2 issues per year; both on hardcopy and online version. Such journal is free due to Aqualogy Foundation sponsorship.

Objectives:

1. Promote scientific and technological development in water associated issues - continental and maritime - in Latin America, spreading the work engineering and research that develops in the region to a global audience.
2. Spread the views of the IberoAmerican water community.
3. Contribute to bring science and technology in water issues in Latin America (and, by extension in the world), to facilitate the access of professionals to recent research innovations, and scientists access to novel practical developments, which can lead to new discoveries.
4. Contribute to the exchange of ideas among professionals (engineers, lawyers, biologists, executives etc.), water-related.
5. Providing a forum of discussion, in Spanish and Portuguese, of the most important water issues in their geographical area.

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5. MAIN MANDATE INITIATIVES

UNESCO'S SAGA PROJECT

In March 2017, a partnership agreement was signed between the World Council of Civil Engineers (WCCE) and UNESCO, in order to consolidate and streamline engineering in line with UNESCO's programme priorities and to contribute to the achievement of UNESCO's strategic goals by mobilizing engineering and science knowledge as well as policy for sustainable development.

In the framework of STEM and Gender Advancement (SAGA), a global UNESCO project aimed at identifying and addressing gender gaps in STEM fields at all levels of education and research, a methodological approach, the Science, Technology and Innovation Gender Objectives List (STI GOL), has been developed to enable Member States to identify gaps in the national policy mix. The SAGA STI GOL will allow linking the STI policy perspective to a series of indicators through an organised conceptual framework, which is based on seven different areas of objectives.

Engineering is one of the fields where the gender gap is wider. As civil engineers represent more than half of world population of all engineers worldwide, at national, regional and international level, UNESCO SAGA Team has offered WCCE's Standing Committee on Women in Civil Engineering to contribute to such project by designing and carrying out this survey to collect accurate sex-disaggregated data on a specific objective of the STI GOL, the STI GOL 4.8 **"Ensure gender equality in S&E professional certifications, in particular in engineering"** in order to improve the measurement of the status of women and girls in engineering as an overall objective.

MAIN EXPECTED RESULTS

The results to be expected from the project are to identify breaches between women and men applying to achieve a professional registration available for engineering associations and policy makers. The survey will contribute to develop specific-related indicators, serving as a model for future similar activities.

BENEFICIARIES AND STAKEHOLDERS

Immediate beneficiaries include governments, such as ministries and high authorities in STI and education, official statistics offices and statisticians, engineers, universities and other research institutions, academies, and civil society in Member States. The ultimate beneficiaries are girls and women, in particular current and future women scientists.

ACTIVITIES AND OUTPUTS/DELIVERABLES

Survey designed by the UNESCO SAGA team and WCCE, collecting data on:

- Professional registration applications by sex and age;
- Registered professionals by sex and age;
- The number of engineers by sector of registration, level and sex.

A preliminary presentation of survey results was offered during WCCE's 12th General Assembly held in Antalya, Turkey on October 19th 2017, within a short workshop on the topic.

UNESCO'S II ENGINEERING REPORT



UNESCO's ERII Kick off meeting September 2017

In 2010, UNESCO produced the world's first comprehensive report on engineering, in partnership with the World Federation of Engineering Organizations (WFEO), the International Council of Academies of Engineering and Technological Sciences (CAETS) and the International Federation of Consulting Engineers (FIDIC). Titled 'Engineering: Issues, Challenges and Opportunities for Development', ER I highlights the importance of engineers in driving and innovating for socio-economic development globally.

As stated in the publication, 'Engineering drives social, economic and human development and underpins our knowledge societies and infrastructures. It is a major factor in innovation and indeed the rise and fall of civilizations'. Despite the importance of engineers to the improvement of global societies, there are a number of issues that need the public's attention, and should be actively addressed by international organizations, industries, academic institutions, and national governments.

VISION

The Report will build on the success of ER I, and also attempts to pick up where it left off by recommending actionable 'opportunities and solutions' to its 'issues and challenges'.

The Report will make a series of clear recommendations to its key audiences, backed up by the evidence, trends and ideas covered in its chapters and by references to ER I. These recommendations will emerge from the Report's stakeholders and be agreed by the ER II Steering Committee.

The Report will introduce a statistical toolkit to help tackle the challenges of global statistics on engineering that were detailed in ER I. The toolkit will emerge from statistical experts from within the Report's stakeholders and be agreed upon by the ER II Steering Committee.

TASKS ASSIGNED TO WCCE

The purpose of the work to be completed by WCCE is to present and support recommendations for:

- Chapter subsection 5.1: opportunities of having women engineers;
- Chapter 7: the promotion of the profile of the engineer of the future, changes needed in the engineering profession's structures to adopt this profile and changes to engineering professional ethics to better shape a path of human progress;
- Chapter subsection 10.4: strengthening identified trends seen in engineering in Latin America and the Caribbean that are shaping a path of development that is guided by the Sustainable Development Goals.

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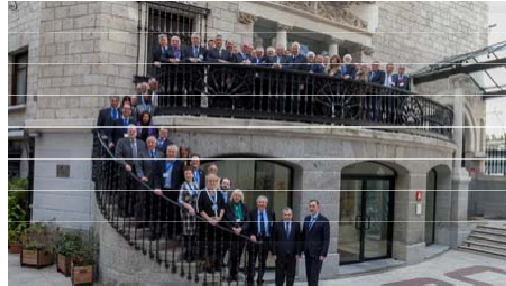
6. CONFERENCES, EVENTS AND MEETINGS ATTENDED BY WCCE

During this period, the World Council of Civil Engineers has organized, jointly with other entities, a lot of Conferences, Events and Meetings:

ECCE MEETINGS



62nd ECCE meeting in Prague, October 2015



63rd ECCE meeting in Madrid, March 2016



64th ECCE meeting in Athens, October 2016



65th ECCE meeting in Antalya, June 2017



66th ECCE meeting in Vienna, October 2017



67th ECCE meeting in Tallin, May 2018



68th ECCE meeting in London, October 2018

CICPC-CECPC ASSEMBLIES

Madrid, 2016



During the first quarter of the year, the General Assembly of the Council of Professional Associations of Civil Engineers of Portuguese and Castellana Language is held. Attendance has become stable on 30 attendees from 14 delegations representing the civil engineering institutions of 31 countries, which bring together more than half a million professionals. During the Assembly the participants have discussed the different realities as well as the problems and common points of the profession, yearly declaration (**see Declarations signed section**) which aim to encouragement on behalf of the profession with its corresponding stakeholders.

Buenos Aires, 2017



Cancún, 2018



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WFEO MEETINGS



General Assembly, Tokyo, 2015



50th Anniversary Lisbon Workshop, Feb. 2018



50th Anniversary Madrid Workshop, March 2018



President Gonzalez
during WFEO's 50th Anniversary symposium

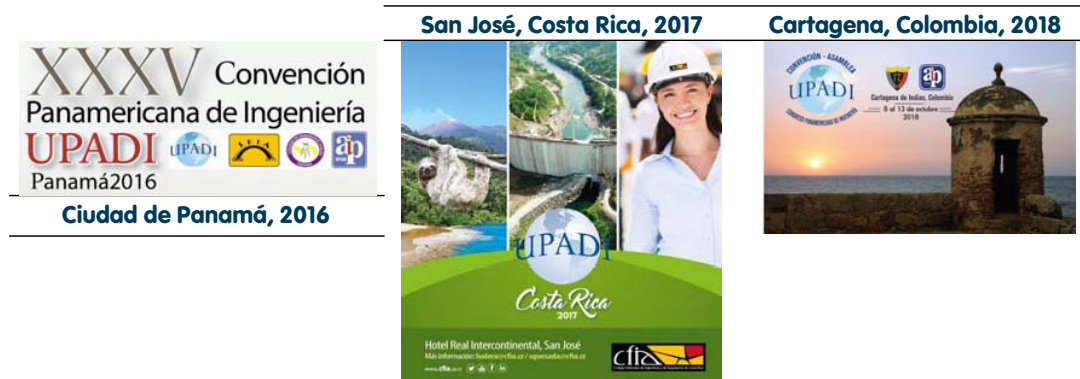


Past President Sancho
during WFEO's 50th Anniversary symposium

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UPADI MEETINGS



OTHER RELEVANT PARTICIPATIONS

UNDRS'S GLOBAL PLATFORM FOR RISK REDUCTION, CANCUN, MAY 2017



The UNDRS's Global Platform for Risk Reduction took place on 16-17 May 2017 in Cancun, Mexico. The theme of the 2017 Global Platform was "From Commitment to Action", and is expected to provide contributions from a disaster risk reduction perspective to the deliberations of UN governance bodies and mechanisms, such as the General Assembly, the ECOSOC and the High Level Political Forum on Sustainable Development, and especially for the follow-up processes to UN conferences and summits, in particular the 2030 Agenda for Sustainable Development and the Sustainable Development Goals.

WCCE, represented by our President, Alfonso González and our Standing Committee Chairman, Mauricio Porraz, showed WCCE's commitment and its members organizations to UNDRS's Platform for Risk Reduction and on the implementation of the Sendai Framework.

UN'S SECOND MULTI-STAKEHOLDER FORUM ON SCIENCE, TECHNOLOGY AND INNOVATION FOR THE SUSTAINABLE DEVELOPMENT GOALS, NEW YORK, MAY 2017



The second annual Multi-stakeholder Forum on Science, Technology and Innovation for the Sustainable Development Goals (STI Forum) took place on 16-17 May 2017 at the United Nations Headquarters in New York. The theme of the 2017 High-level Political Forum on Sustainable Development (HLPF) is "Eradicating poverty and promoting prosperity in a changing world", and the Member States have decided that the HLPF 2017 shall focus on six SDGs (1, 2, 3, 5, 9 and 14) in addition to SDG 17 that will be considered at each HLPF.

WCCE was represented by our President, Alfonso González. The objective of our attendance is to show the commitment of WCCE and its members organizations to UN's Sustainable Development Goals and contribute for its accomplishment.

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UN'S 62ND COMMISSION ON THE STATUS OF WOMEN, MARCH 2018

Empowering Rural Women in Engineering Fields



UNESCO in collaboration with WomEng and WFEO hosted a side event entitled "Empowering Rural Women in Engineering Fields" during the 62nd Commission on the Status of Women (CSW62). The event aimed at highlighting the underrepresentation of women in engineering and STEM fields, and the need for action on this issue to achieve sustainable development.

The panelists also discussed important initiatives undertaken by their respective organizations. Ms. Hema Vallabh (Co-founder of WomEng), emphasized the importance of encouraging girls at young ages to maximize their potential, and discussed how WomEng and UNESCO are trying to achieve this through their #OneMillionGirlsInSTEM initiative and "Pink Hard Hat Challenge" that fights stereotypes about women in STEM fields. Similarly, Ms. Renetta Tull (Director, Graduate & Prof. Pipeline Development at the University System of Maryland) talked about the importance of engaging women and girls in engineering coursework, and encouraging them to become professors and mentors in this field. Mr. Alfonso Alberto Gonzalez Fernandez (President of World Council of Civil Engineers) proceeded to share examples of outreach programs undertaken by WCCE that focus on capacity building and helping women build skills in water and sustainable housing.

To watch the full meeting, visit here. [\[+\]](#)

OTHER ATTENDED MEETINGS



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DECLARATIONS & PARTNERSHIP AGREEMENTS SIGNED

- WFEO Kyoto Declaration 2015 [\[+\]](#)
Engineering: Innovation and Society
 - OECD Water governance principles 2015 [\[+\]](#)
 - CICPC Madrid Declaration 2016 [\[+\]](#)
 - UNESCO Partnership Agreement 2016 [\[+\]](#)
 - CICPC Buenos Aires declaration 2017 [\[+\]](#)
Leaders to forge the future
- WCCE Madrid Declaration II - 2018: [\[+\]](#)
Water the future we want
 - WFEO Paris Declaration 2018 [\[+\]](#)
**Advancing the UN Sustainable
Development Goals through
Engineering**
 - CICPC's Cancun declaration 2018 [\[+\]](#)
The future is today

7. WCCE GENERAL ASSEMBLIES AND EXCO MEETINGS

GENERAL ASSEMBLIES

10th WCCE GENERAL ASSEMBLY



WCCE's 10th General Assembly of the World Council of Civil Engineers (WCCE), a UN- Water partner, took place in Victoria Falls, from 15 - 19 September 2015, hosted by the Engineering Council of Zimbabwe on the occasion of UNESCO's African Engineering Week at the same venue. The attendance to WCCE activities by our African counterparts and WCCE delegates was very high and enriched our activities with their expertise.

Coming back to our General Assembly, several issues were addressed and the final agreements of such meeting are as follows:

- Mexican Engineer Alfonso González took over the presidency from Spanish Engineer Tomás Sancho.
- Portuguese engineer Carlos Mineiro Aires was elected new President Elect for the period 2018-2021
- Costa Rican delegate was elected America's Continental representative to the WCCE Executive Committee

Three new members joined WCCE

- Ordem dos Engenheiros de Cabo Verde
- Latin American Society of Civil Engineering Students
- Council of Professional Associations of Spanish and Portuguese Speaking Countries

In this framework, Eng. Mustapha Shehu, FAOE president participated through a Guest Conference on 'Engineering Challenges to Africa' to illustrate how FAOE and its member organisations are working to foster student access to the engineering profession.

11TH WCCE GENERAL ASSEMBLY



WCCE's 11th General Assembly of the World Council of Civil Engineers was held in San Jose, Costa Rica from 7 to 10 September 2016, organized by the Association of Civil Engineers of Costa Rica in parallel with its the International Congress of Civil Engineering. These activities were welcomed by the Hon. Minister of Public Works of Costa Rica, Carlos Villalta Villegas. Attendance at WCCE activities by our colleagues in Costa Rica and WCCE delegates was very high and enriched our activities with their experience.

Regarding our General Assembly, various issues were addressed being the major achievements of the meeting as follows:

- Several initiatives are to be developed jointly with UNESCO in the coming months through the signing of a UNESCO – WCCE partnership agreement being among them:
- Publication of the corresponding monograph on the topic addressed by the International Year of Water
- Publication of a guide of principles for the seismic protection of heritage buildings Also

in the field of partnerships with other organizations they presented the following activities.

- A partnership agreement with INBO - International Network of Basin Organizations to work jointly to make river basins become the most suitable scope for integrated water resources management.
- Endorsement of Water Governance principles published by the OECD - Organization for Economic Co-operation and Development.



Last but not least, the creation of a Standing Committee on Women in Civil Engineering to be hosted by Portugal and Chaired by Mrs. Cristina Machado aims to become a forum and an example of the different situations of the female civil engineers in the different member countries. In addition to this, WCCE has also appointed a task group of young engineers which will evolve in future assemblies into a Standing Committee.

In addition to this, the creation of a Young Engineers task force which will comprise young professional representatives from all WCCE member organizations and is expected to crystallize into a Standing Committee in the following General Assembly.

2015-2018 President Mandate Report

Secretariat Address:
World Council of Civil Engineers (WCCE)
Colegio de Ingenieros de Caminos, Canales y Puertos
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12TH WCCE GENERAL ASSEMBLY



WCCE's 12th General Assembly of the World Council of Civil Engineers was held in Antalya, Turkey from 18 to 20 October 2017, organized by the Turkish Chamber of Civil Engineers - TCCE. The Assembly was welcome by TCCE's President Cemal Gökçe. Attendance at WCCE activities by WCCE delegates was enriched by the attendance of FAEO's Past President Mustapha Shehu as well as delegations of three new countries: China, Georgia and Montenegro..

Regarding our General Assembly, various issues were addressed being the major achievements of the meeting as follows:

- Two new members joined WCCE
 - Montenegro's Engineering Chambe
 - Georgian Society of Civil Engineers

Several initiatives are to be developed jointly with UNESCO in the coming months through the signing of a UNESCO – WCCE partnership agreement being among them:

- Publication of monographs on the topic addressed by the International Year of Water initiative for the period 2016-2019.
- Contributions to UNESCO's SAGA report relative to assess the current situation of Women Civil Engineers and how to enhance their participation in the profession.
- Contributions to UNESCO's II Engineering Report titled 'Engineering UN's Standing Development Goals - SDGs' together with some other partners.

Also in the field of partnerships with other organizations they presented the following activities.

- Participation in MENBO's General Assembly through the formerly signed partnership agreement with INBO - International Network of Basin Organizations.
- Joint activity to be delivered with EAMC, Engineering Association for Mediterranean Countries.
- Regarding membership, both Engineering Chamber from Montenegro and Georgian Society of Civil Engineers have joined WCCE in this General Assembly.

Last but not least, the presentation from WFEO candidates to the office of President for the period 2020-22 enriched the Assembly by identifying potential lines of collaboration with WFEO both short term and long terms.

EXECUTIVE COMMITTEE MEETINGS

From its 67th ExCo Meeting (September 15, 2015 to its 88th ExCo Meeting (September 19, 2018), twenty ExCo meetings have been held under president Sancho's mandate. Executive Committee meetings jointly with Standing Committees' activity have been the main drivers that have pushed the WCCE activity.

67th Executive Committee Meeting	17 September 2015
68th Executive Committee Meeting	15 December 2015
69th Executive Committee Meeting	25 January 2016
70th Executive Committee Meeting	03 March 2016
71st Executive Committee Meeting	09 May 2016
72nd Executive Committee Meeting	05 July 2016
73rd Executive Committee Meeting	02 August 2016
74th Executive Committee Meeting	08 September 2016
75th Executive Committee Meeting	07 December 2016
76th Executive Committee Meeting	10 January 2017
77th Executive Committee Meeting	07 March 2017
78th Executive Committee Meeting	24 April 2017
79th Executive Committee Meeting	20 June 2017
80th Executive Committee Meeting	16 August 2017
81st Executive Committee Meeting	20 September 2017
82nd Executive Committee Meeting	19 October 2017
83rd Executive Committee Meeting	20 February 2018
84th Executive Committee Meeting	27 April 2018
85th Executive Committee Meeting	18 June 2018
86th Executive Committee Meeting	17 July 2018
87th Executive Committee Meeting	27 August 2018
88th Executive Committee Meeting	29 September 2018

8. JOSE MEDEM CIVIL ENGINEERING EXCELLENCE AWARD





Engenheiro Antonio Adao da Fonseca, PhD in Civil Engineering has been granted Jose Medem's Excellence Award for Civil Engineering from the World Council of Civil Engineers, in recognition of his dense and fruitful career marked by perseverance, hard work, efficiency and entrepreneurship, what has been a very prominent figure in structural design.

The awarding ceremony will take place during WCCE's 14th General Assembly to be held in Lisbon in September 2019. The award-winning laudatio will be provided by then President Carlos Mineiro Aires, President from Ordem dos Engenheiros de Portugal. During the ceremony, Past President Gonzalez, will highlight Mr Adao da Fonseca's brilliant career and his desire to improve over the years.

The World Council of Civil Engineers recognized his world acclaimed bridge designs developed along his 40 years of professional activity, his remarkable performance in managerial aspects in his consulting engineering firm, together with his several other recognitions in structural engineering.

The first presentation of the World Council of Civil Engineering (WCCE) Award was made in 2010 in Buenos Aires, Argentina, during WCCE's 5th General Assembly. From then onwards, the Medal has been presented biennially hereafter, helping direct world attention to the practice, theory and public contributions of civil engineering. The recipient is to be chosen based on his or her noteworthy contributions to the practice, theory, or public status of civil engineering. Nominees should possess appreciable experience in the profession, international standing as well as significant educational accomplishments.

Since 2010 the Civil Engineering Excellence awardees have been the following:

Edition	Awardee	Nationality
2010	Tomás del Carril	 Argentina
2010	William 'Bud' Carroll	 United States of Americas
2010	Juan Miguel Villar Mir	 Spain
2010	Carlos Slim	 Mexico
2014	Armando Rito	 Portugal
2018	Antonio Adao da Fonseca	 Portugal

9. NEW PRESIDENT CARLOS MINEIRO AND CONCLUDING REMARKS

I would like to thank you most warmly for placing your confidence in me to boost the path of our World Council at this stage that we have faced during this three years.



In a very special way, my appreciation is directed towards the members of the Executive Committee, that have supported me, and to my predecessors, the President and founder, my master José Medem, and Past President Emilio Colón, to whom I have now the honor of relieving. I want also to express my deep gratitude to our Executive Director, José Francisco Sáez. He has been my closest and loyal collaborator, and more that an employee he has been my friend, my confidant, my support.

If WCCE have reached this point, 12 years after its foundation, is thanks to your large capacity, to your generous delivery and your jointly titanic effort.

I want also to express my deep gratitude to Spanish Colegio de Ingenieros de Caminos, Canales y Puertos, with its president Santamera at its helm, due to the human, financial and material resources generously they have facilitated to

WCCE. And also because they supported my candidacy, years ago, and because president Santamera has always transmitted to me his confidence and support my activity.

I've tried to put my best effort in this mandate. I sincerely think that it has been completely undeserved, but it has been really a great honor to be WCCE president.

I beg your pardon for all the times that I've failed to rise to the challenges, it has not been my desire... but I know my limitations and I regret my errors. Sorry, with all my heart!

Now it comes President Mineiro's time. I wish him the best! I cordially ask your support for him, at the least as large as that you have provided to me during these years. And I still remain working as Past President, working hardly and with enthusiasm.

Thanks to all!

Sucre, Bolivia, 21st September, 2018



Alfonso González Fernández
President 2015-2018