

Mohsen Aboulmaga's CV 2022

Prof. Mohsen Aboulmaga has more than thirty five years of experience in high-level government positions, senior management and consultancy in sustainable development, decarbonisation and climate change adaptation, and sustainable energy (energy efficiency and renewable energy) as well as low-carbon and sustainable cities. Dr Aboulmaga is a senior expert on sustainable urban development, including smart cities. He was involved in reviewing The World Bank's Environmental and Social Framework – ESF in 2018 and developed many Concept Notes for EU funded projects 2019 as well as the Concept Note for ZOHR Sustainability Initiative – ENI in 2019 and The Union for Mediterranean – UfM's Concept note on Sustainable Urban Development in 2017. His areas of competency encompass strategy planning and policy development, low-carbon communities as well as climate Action and mitigation. Other areas of expertise include: executive capacity building for Local Governments and coaching training programs on strategic thinking, leadership, strategic planning and sustainable development and SDGs and Open Innovation Strategies (OIS) as well as SDGs reporting and urban farming in cities. Dr. Aboulmaga is Professor of Sustainable Built Environment at Faculty of Engineering, Cairo University and Government Strategy and Policy Advisor. He is also an Associate and Senior consultant – Strategy and Sustainable Development at Oil and Gas Skills (OGS) – the Human Development arm of the Ministry of Petroleum, and an Associate Expert at the Regional Centre for Renewable Energy and Energy Efficiency (RCREEE), where he represented RCREEE at the high-level meeting at the European Commission Joint Research Centre (EC–JRC) in Ispra, Italy to review the Guidebook for South-ENPI on Sustainable Energy Action Plans (SEAP) in cities. Between May 2015 and April 2018, Dr Aboulmaga has been appointed by the European Union and Ministry of Foreign Affairs (MoFAs), the National Senior Expert of the “Clean Energy Savings Mediterranean Cities – CES-MED”, a funded project by the European Union (2013-2018). In October 2015, Dr. Aboulmaga has been also appointed Expert by Human Dynamics Consortium – KG to develop the CES-MED National Recommendation Report (NRR) on Sustainable Urban and Energy Savings Actions (SUESA) for Egypt, as part of CES-MED project. In addition, he has been also appointed by EU and MoFAs, the National Expert of CES-MED project in Egypt – Associated to Transitions - Sustainability Consultant, Paris, France to develop the Sustainable Energy Savings Climate Action Plan (SECAP) for the Governorate of Red Sea and Governorate of Luxor – Egypt. Dr. Aboulmaga has been invited Expert and participated in the 5th Steering Committee Meeting (5th May 2015), as part of the framework of the European Union funded projects “Cleaner and Energy Saving Mediterranean Cities” (CES-MED) and “Sustainable Urban Demonstration Energy Projects” (SUDEP), and the high-level conference on the Role of Local Authorities in Sustainable Energy Al-Sukhirat, Morocco, 4-7May, 2015. Furthermore, he is a Senior Expert on Sustainable Urban Development & Green cities at The Union for Mediterranean, (UfM) in Barcelona, Spain. Dr Aboulmaga is a former Strategy & Policy Advisor – Environment & Infrastructure at The Prime Minister's Office of the UAE (Feb 2009–April 2010) responsible for implementing and monitoring the federal Government Strategy (cycle 2008-2010). Prior to that, he held a position in the Capacity of Strategy and Policy Advisor at The Executive Council, Government of Dubai (May 2007–Jan 2009) where he developed many strategic projects. Dr. Aboulmaga founded Emirates Green Building Council in 2006 and was elected first chairman of the Council/BoDs. He is also an Associate Partner at European Sustainable Development Network (ESDN) in Austria since 2010; and a registered expert with The World Bank (TWB), UNEP and ESCWA since 1997. In Dec 2013, he participated in the European Commission – Joint Research Centre (EC-JRC) expert meeting in Ispra, Italy and reviewed the Sustainable Energy Guidebook for Government of ENPI-South countries (Mediterranean Cities). Prof Aboulmaga is an author of 4 new books (2019 and 2022) by Springer and he is also authoring 52 books' chapter by Springer Nature and Elsevier. Dr. Aboulmaga has been invited keynote speaker/speaker to more than 435 international/regional/local conferences, seminars/workshops and training programs; and has more than 240 international publications and presentations. In addition, he is an external Examiner of the Ph.D. panel at University of Sheffield, UK.

EDUCATION AND TRAINING

- Doctor of Philosophy (PhD), Sustainable Built environment, University of Leeds, England, UK (July 1990)
- Master of Science in Housing Economics (January 1985), Cairo University
- Bachelor of Science in Architectural Engineering (July 1979), Cairo University

INTERNATIONAL DEVELOPED STRATEGIC REPORTS

- Sustainable Energy Savings Climate Action Plan (SECAP) for Local Governments – Governorate of the Red Sea (City of Hurghada) and Governorate of Luxor (City of Luxor), 2016 - 2018

<https://www.ces-med.eu/publications/egypt-municipality-hurghada-sustainable-energy-and-climate-action-plan-secap/>; <https://www.ces-med.eu/publications/egypt-municipality-luxor-sustainable-energy-and-climate-action-plan-secap/>

- Mohsen Abounaga 2017, GREEN CITIES - A Report on Green Cities: Challenges, Importance and Features, UNESCO – ISESCO in collaboration with Prof A Sayigh Chairman of WREN, U.K., April 2017
- Mohsen Abounaga 2016, REPORT on Recommended National Sustainable Urban and Energy Savings Actions and Donors including Funding Initiatives in the Areas of Sustainable Energy and Climate Action and Sustainable Development at the Local Level (November 25, 2016), part of 'CLEANER ENERGY SAVING MEDITERRANEAN CITIES' CES-MED Project in Egypt, , funded by The European Union and Implemented by a by Consortium led by Hulla & Co. Human Dynamics KG (EuropeAid/132630/ C/SER/Multi, Contract: ENPI 2012/309-311). <https://www.ces-med.eu/publications/egypt-reports-recommended-national-sustainable-urban-and-energy-savings-actions-donors/>

GOVERNMENT TASK-FORCE

- Senior Expert and Member of the Steering and Organizing Committee of Ministry of Local Development, MoLD, Egypt for the United Cities and Local Governments – Africa (UCLGA) Summit 2019, 18-20 June 2019, Cairo, Egypt;
- Appointed by European Union and Ministry of Foreign Affairs (MoFA), Senior Adviser & National Expert of the “Clean Energy Savings Mediterranean Cities, CES-MED” project, a funded project by the European Union (2015-2018), a project funded by EU and coordinated by MoFA & MoLD, <https://www.ces-med.eu/>;
- Appointed by EU and MoFA in May 2016 National Senior Expert of CES-MED project in Egypt – Associated to Transitions Sustainability Consultant in Paris, France, and developed Sustainable Energy Savings Climate Action Plan (SECAP) for the Local Governments: <https://www.ces-med.eu/publications/egypt-municipality-hurghada-sustainable-energy-and-climate-action-plan-secap/> and <https://www.ces-med.eu/publications/egypt-municipality-luxor-sustainable-energy-and-climate-action-plan-secap/>;
- Member of Task-force responsible for developing **Egypt's Strategy on Green Economy**, Ministry of Planning 2017-2014 Under the Ministry of Planning and among 24 senior experts who developed the national Report for the ministry and approved by HE Ashraf Elaraby Minister of Planning.
- Appointed Senior Expert by Human Dynamics Consortium-KG and developed the CES-MED National Recommendation Report on Sustainable Urban and Energy Savings Actions (SUESA) for Egypt, Oct. 2015, <https://www.ces-med.eu/publications/egypt-reports-recommended-national-sustainable-urban-and-energy-savings-actions-donors/>

SELECTED COACHING AND PROFESSIONAL TRAINING

- 2018** Coached a 2-day official Government panel on **Green Cities Strategies and Action Plans**, organised by the Government of Azerbaijan - Ministry of Culture in collaboration with ISESCO, Azerbaijan, 21-22 June 2018.
- 2017** Trained and coached 3-day course on **Green Building, Sustainable Cities: Energy Conservation and Energy Efficiency**, organised by the Ministry of Foreign Affairs – Kazakhstan, National Committee for UNESCO in collaboration with ISESCO, UNESCO Observatory for Intercultural & Creative Education in Central Asia, Nazarbayev University, Astana, 27-29 September 2017
- 2017** Coordinated, coached and conducted a 2-day Executive Training on **Sustainable Development and SDGs** to integrate it with energy sectors - Leadership Development programme. The Executive workshop encompassing 50 General Managers of Egypt Oil and Gas Sector (EOGS), 9-10 April & 19-20 April 2017 at Oil and Gas Skills (OGS) – Ministry of Petroleum & Mineral Resources – MoPMRs, Egypt. This LDP is part of MoPMRs' Modernization Project 2017
- 2015** Coordinated, coached & conducted a 2-day Training programme on **Effective Board Members – Module II – Strategic Executing and effective monitoring**, 6 sessions each is encompassing 25 top officials and board members of Egyptian Oil and Gas Sector (EOGS), started on 30th May till 17th August 2015 at Oil and Gas Skills OGS, Ministry of Petroleum
- 2015** Coordinated, coached and conducted a 5-day Training programme on **Energy Saving & Energy Efficiency** for 48 Energy Managers of Egypt Oil and Gas Sector, 24-28 May 2015 at Oil & Gas Skills, MoPMRs,
- 2014** Coordinated, coached & conducted a 5-day Training on **Energy Savings & Energy Efficiency** for 50 Senior Energy Coordinators of EOGMRS, OGS, Cairo- Egypt (14-18 Sept 2014)
- 2014** Coached & conducted **Strategy Foundation Training** for 110 Senior Executives of Egypt Oil & Gas Sector (EOGS), from May–August 2014 at Oil and Gas Skills (OGS) - Ministry of Petroleum, Egypt
- 2013** IRENA's 3rd Workshop on **“Renewables for Resilient Cities: A roadmap from 2012 to 2050?”** held on 3rd June, Gustav Stresemann Institute, Bonn, (was organized alongside ICLEI – Local Governments for Sustainability, Resilient Cities Conference 29th May – 2nd June), Bonn, Germany
- 2012** CORPUS 3rd workshop of the **Sustainable Housing series** of the FP7-funded project: **“Policy meets Research”**– Workshop on Sustainable Housing Policy scenarios and future challenges of sustainable housing, which was organised by CORPUS Consortium Project and European Sustainable Development Network (ESDN), 6-8 June in collaboration with The Finnish Ministry of Environment, Helsinki, Finland

- 2012 IRENA's 2nd Workshop on Innovation and Technology Centre Workshop "Renewables for Resilient Cities: A roadmap from 2012 to 2050?" held on 12th May, Gustav Stresemann Institute, Bonn, Germany
- 2011 The European Sustainable Development Network (ESDN) working group discussions: **Recommendations for resource policies in Europe- Workshop n. 4: Resource policies and governance challenges** (resource policy approaches in NSDS and other policy strategies), organized by the ESDN in cooperation with the Hungarian EU Presidency, 28th June, ERC Conference Centre, Szentendre, Budapest, Hungary
- 2010 The European Sustainable Development Network (ESDN) Workshop on 'Europe Strategic Vision 2030', organized by ESDN in cooperation with Belgian EU Presidency, 4-6 July, University of Ghent, Belgium
- 2010 The ESDN workshop on UNEP Green Economy Initiative 2010, organized by the ESDN in cooperation with the incoming Belgian EU Presidency, 6th July, University of Ghent, Belgium

MEMBERSHIPS OF PROFESSIONAL AND ACADEMIC ASSOCIATIONS

UNESCO - **Inclusive Policy Lab.**, Paris, Expert

ESDN - **European Sustainable Development Network**, Vienna–Austria (Associate Partner since April 2010)

A.ENERGY - **Asian Institute for Environmental Research & Energy**, Incheon, South Korea (member since 2012)

CCS - **Center for Climate Strategies**, Washington D.C., USA (network member since 2013)

ACCCRN - **Asian Cities Climate Change Resilience Network**, Bangkok, Thailand (Network member since 2009)

EPI - **Earth Policy Institute**, Washington DC, USA (Network member since 2009)

SDplanNet - **Network for Integrated Planning & Sustainable Development Strategies**, Asia Pacific (2009 till date)

IGP - **Institute of Green Professionals**, USA, (Fellow member since 2009),

SBSE - **Society of Building Science Educators**, USA (member since 2004)

WREN - **World Renewable Energy Network**, Brighton, England, UK (member since 1998)

World-GBC - **World Green Building Council** (Board member 2006-2007)

ISES - **International Solar Energy Society**, HQ in Germany (member 1991-2009)

ASES - **American Solar Energy Society**, Colorado, USA (member 1998- 2009)

UoL - **University of Leeds Alumni and Life member**, UK (member since 1990)

PROFESSIONAL & ACADEMIC ACTIVITIES

Invited speaker/ expert/ member/ participants – International conferences and workshops (2020-2013)

2022

- Invited guest lecture by Avans University of Applied Sciences - Hogeschool in Tilburg, The Netherlands to give an online lecture for 33 students on Drowning Cities focusing on 'Architecture and Biomimicry' – due on December 14, 2022.
- Invited keynote speaker by the Ministry for Culture Government of Azerbaijan to speak at an international conference 'Advancing Post-Conflict Humanitarian Agenda: Sustainable Development through Revitalization of Cultural Environment', which was held in Shusha, Azerbaijan between 19 and 20 May 2022, <https://news.az/news/azerbajians/shusha-hosts-advancing-post-conflict-humanitarian-agenda-intl-conference>
- Invited Speaker by Southeast University for give a 60-minute lecture during the International Academic Lecture Series (online) 02 – Global Urban Development and Planning along the Belt and Road Area. Southeast University – SEU, Nanjing - Jiangsu, China. Speech is on 'Sustainable Urban Renewal and Low Carbon Cities as mean to Achieve Climate Neutrality by 2050.' Due on June 27, 2022 at 14:00 (CLT)
- Invited member of the UrbanFarm 2022 International Jury, organized by Alma Mater - University of Bologna, Italy (an international competition developed over 4 rounds and open to all universities globally, the Finale was held (online) on 17 February 2022, Bologna, Italy <https://site.unibo.it/urban-farm/en/jury-and-committees/international-jury-2022>

2021

- Invited Speaker and Member of the Technical Committee of the 20th World Renewable Energy Congress 2020 (WREC'20) at Technical University of Lisbon, Lisbon, Portugal from 25th July to 30th July 2020 at URL: <http://www.wrenuk.co.uk/>
- Invited Speaker and Member of the International Jury of UrbanFarm 2021, organized by University of Bologna, Italy, (UrbanFarm 2021 is an International competition developed over 4 rounds to all universities globally, 17-19 June 2021, Pordenone, Italy <https://site.unibo.it/urban-farm/en/jury-and-committees/international-jury-2021>
- Invited Speaker (Online) at the Sustainable building Heritage (SBE-21) conference, organized by EURAC Research, from 14-16 April 2021, Bolzano, Italy <https://sbe21heritage.eurac.edu/>
- Organizer and member on International jury of World Renewable Energy Congress WREC Architectural Competition "HOME KIT – Sustainable Modular houses for Slum Dwellers amidst COVID-19" from 2nd January – 28th July 2021, Lisbon, Portugal, <https://wrec2020.tecnico.ulisboa.pt/wrec2020.daemon/competition.html>.

2020

- Invited Associate Partner to European Sustainable Development Network Annual Conference 2020 on 'the European Green Deal: Our Part for the Future'. It is organised and to be held by German Presidency of the European Council & ESDN in Berlin, Germany from 12-13 October 2020, <http://www.sd-network.eu>
- Invited Speaker by Southeast University (SEU) in Nanjing – China to speak virtually on 'Sustainable Urban Development in the Age of COVID-19' at International Experts Lecture Series which is part of Comparative Study of Urbanization Models and Spatial Planning Systems along the Belt and Road Areas, Between October and December 2020, www.seu.edu.cn
- Invited Speaker by EURAC Research at the SBE-21 Sustainable Built Heritage Conference from 14-16 April 2021, Bolzano, South-Tyrol, Italy, <https://www.sbe21heritage.eurac.edu>
- Invited Speaker by Global Universities Network for Innovation - GUNi and UNESCO to present a research work on 'Sustainability of Higher Education and University Buildings' at the 2nd International Conference on Sustainable Development Goals: Higher Education Science Take Action held from 5-6 March 2020, Barcelona, Spain, <https://www.guninetwork.org/files/images/imce/ods-2020-programa-ma-ok-pdf>
- Invited keynote speaker by Novel Farm 2020 in Pordenone Int'l Expo Convention, 'Open Innovation Strategies for Climate Change Adaptation & Urban Resilience', 19th Feb 2020, <https://www.novelfarmexpo.it/en/speakers-2/>
- Member of the International Jury of UrbanFarm 2020, organized by University of Bologna, Italy, (UrbanFarm 2020 is an International competition developed over 4 rounds and open to all universities globally, 18-20 Feb, Pordenone, Italy <https://site.unibo.it/urban-farm/en/jury-and-committees/international-jury-2020>

2019

- Invited Speaker by EURAC Research, organised a special session with three renowned Italian Professors - Prof. Alessandra Battisti (Sapienza University of Rome), Prof. Marco Sala & Prof. Antonella Trombadore (University of Florence) to speak on 'Cities Challenges: Strategies, Actions and Stakeholders Mobilization for Liveable and Smart Urban Areas, and Climate Change Adaptation' at 3rd International Conference on Smart and Sustainable Planning for Cities and Regions (SSPCR 2019), 9 – 13 December 2019, Bolzano, South Tyrol, Italy – www.eurac.eu / <https://www.sspcr.eurac.edu/2019/08/23/special-session-on-strategies-policies-and-action-plans-for-driving-smart-and-green-cities-challenges-opportunities-and-approaches/> & <https://www.sspcr.eurac.edu/wp-content/uploads/2019/12/SSPCR-2019-ABSTRACT-BOOKLET-A5.pdf>
- Invited Keynote Speaker by Southeast University (SEU) – Nanjing to speak on 'Open Innovation in driving Sustainable Cities' - 3rd International Conference on Development Zone Transformation and City Innovation, 15 - 17 November 2019, Nanjing, China – www.seu.edu.cn
- Invited Speaker by President of Southeast University (SEU) – Nanjing and gave a public speech for SEU Professors and students on 'Climate Adaptation Action: The Role of Sustainable Energy, Baseline Emissions Inventory & Strategic Action Plans in Driving Cities towards Sustainability' 15 Nov 2019 – www.seu.edu.cn
- Invited Associate Partner to European Sustainable Development Network Annual Conference 2019 'Towards Sustainable Europe 2030: From Reflection to Action', organized by The Prime Minister Office of Finland, Finnish Presidency of the European Council & ESDN, 30-31 Oct., Helsinki – Finland, <http://www.sd-network.eu>
- Invited Expert to Sustainable Development Week – SDW, organised by League of Arab States (LAS), European Union and the World Bank, 3-6 November 2019, Hilton hotel, Heliopolis – Cairo, Egypt,
- Invited keynote speaker to MED GREEN FORUM V: Mediterranean Green Buildings & Renewable Energy 2019, 2-5th September 2019 at University of Florence, Italy, www.medgreenforum.com/, (Inv. 'Climate Adaptation Action: The Role of Clean Energy and Strategic Action Plans of South Mediterranean Cities')
- Invited Expert to Japanese International Cooperation Agency – JICA Seminar on Promoting Energy Efficiency and Conservation in Egypt, 28th February, 2019, Conrad Hotel Cairo, Egypt
- Invited to LafargeHolcim Forum 2019, organised by LafargeHolcim Foundation in collaboration with American University in Cairo (AUC), 4-6 of April 2019, Cairo, Egypt.

2018

- Invited to 4th European Resources Forum 2018, organized by German Environmental Agency – UBA, 27-28 November, Berlin, Germany
- Invited speaker to 8th A.ENERGY Symposium 2018, from 31 Oct. – 2nd Nov.; organised by Asian iNstitute for Environmental Research & enerGY, Songdo, Incheon National University, South Korea, <http://ianergy.org/>
- Invited to European Sustainable Development Network Annual Conference 2018, "Strategic Governance for SD: Stakeholder-Policy Cooperation in the Age of the SDGs: What new approaches are required to be successful?" – organized by Austria EU Presidency & ESDN, 1-2 October, Vienna, Austria <http://www.sd-network.eu>
- Invited Keynote Speaker at 18th World Renewable Energy Congress 2018 (WREC'18) at Kingston University, London Surrey, UK from 30th July to 3rd August 2018. WREC'18 is under the theme "Renewables & Sustainable Building are best solution for climate Change", URL: <http://www.wrenuk.co.uk/>
- Invited Expert by The World Bank to review the final draft of the New The World Bank's Environmental and Social Framework – ESF, July 4, 2018, Fairmont Hotel, Cairo, Egypt
- Invited expert by the Government of Azerbaijan and ISESCO to the Experts' Meeting on 'Strategy and Action

Plan for Green Cities and their connection to attaining SDGs', 20-22 June 2018, Baku and Nakhchivan, Azerbaijan, <https://www.isesco.org.ma/>

2017

- Invited expert to the Union for The Mediterranean – UfM 1st High Level Platform on: “Sustainable Urban Development – SUD Regional on SUD, 9th November 2017 at the Committee of the Region – European Union, Brussels, Belgium, www.ufm.org/
- Invited expert to the Union for The Mediterranean – UfM Energy and Climate Business Forum: “Releasing Renewable Energy Opportunities in the Euro Mediterranean Region”, 18 Oct 2017, Cairo, Egypt, www.ufm.org
- Invited Speaker and Trainer on Sustainable Cities: Energy Conservation and Energy Efficiency, organised by the Ministry of Foreign Affairs – Kazakhstan, National Committee for UNESCO in collaboration with ISESCO, UNESCO Observatory for Intercultural and Creative Education in Central Asia, Nazarbayev University - Astana, Kazakhstan, 27-29 Sept. 2017
- Invited speaker to the GUNi Congress on Governance of SDGS: Global, National and Local Session 1: Local Governments, Urban Cities, organised by AUCP & UfM, 18-19 Sept. 2017, Barcelona, www.guninetwork.org
- Organised and conducted, with the CES-MED Team and Transitions, the 3rd Workshops on Baseline Emission Inventory (BEI) results and planned actions, SECAP development with local Authorities in the City of Luxor and City of Hurghada, Governorate of Luxor/ Governorate of Red Sea, Egypt, 14th -16th May 2017, www.ces-med.eu
- Organised and conducted, with the CES-MED Team and Transitions, the 2nd Workshops for the SECAP Development with local Authorities in the City of Luxor and City of Hurghada, Governorate of Luxor and Governorate of Red Sea, 16-18 Jan. 2017
- Invited Expert by Under Deputy Secretary General of Union for Mediterranean (UfM) and attended The UfM 2nd Regional Forum 2017 on “Mediterranean in Action: Youth for stability and Development” at HQs of the UfM Secretariat, 3-4 January 2017, Barcelona, www.ufmsecretariat.org
- Invited associate partner to European Sustainable Development Network Annual Conference 2017, “Strategic Governance for SD: New Developments and Approaches in the context of the 2030 Agenda & SDGs”, organized by the ESDN in cooperation with the Office of the Government of the Czech Republic, Sustainable Development Dept., 22–23 June, Prague, <http://www.sd-network.eu>
- Invited speaker to MED GREEN FORUM VI: Mediterranean Green Buildings & Renewable Energy 2017, 29th July - 2nd August 2017, University of Florence, Italy, www.medgreenforum.com/. (*Inv. Developing Sustainable Energy and Climate Action for Local Governments: Baseline Emission Inventory - Case studies of City of Luxor and City of Hurghada, Egypt*)
- Invited speaker to 7th A.ENERGY Symposium 2017, held from 18-20 of October 2017; organised by Asian iNstitute for Environmental Research & enerGY, Incheon National University, South Korea, <http://ianergy.org/>

2016

- Organised and conducted, with the CES-MED Team and Transitions, the 1st Workshops for introducing the SECAP to the local Authorities – Governorate of Luxor and Governorate of Red Sea in City of Luxor and City of Hurghada, Egypt, 6 - 9 Dec 2016, www.ces-med.eu
- Invited participant by Ministry of Investment, Development and International Cooperation, Government of Tunis and participated in the International Summit “Tunisia 2020: Road to Inclusion Sustainability and Efficiency” that was held from 28th – 30th Nov 2016, Tunisia
- Invited keynote speaker at the Frederich Ebert Stiftung 2016 Conference, POST COP 22 – Marrakesh on “The Transformative Power of Cities in the MENA Region: which Role for Cities after COP 22 and Habitat III?” was held from 20th - 21st Nov.2016, Casablanca, Morocco. Speech on “Climate Change & Urban Adaptation: Vertical integration of Sustainable Development Goals”, 20th Nov.
- Invited associate partner to European Sustainable Development Network Annual Conference 2016, “Vertical integration in the implementation of the 2030 Agenda for SD: Addressing the role of sub-national and local levels”, organized by the ESDN in cooperation with the Federal Office for Spatial Development (ARE), 10-11 November, Bern, Switzerland, <http://www.sd-network.eu>
- Invited speaker to 6th A.ENERGY Symposium 2016, 28-30 September 2016; organised by the Asian iNstitute for Environmental Research & enerGY, Songdo, Incheon National University, South Korea, <http://ianergy.org/>
- Invited Key Expert by Under Deputy Secretary General of Union for Mediterranean (UfM) to the first UfM Brainstorming Session entitled: “Towards a New UfM Urban Agenda”, the Headquarters of the UfM, Barcelona 21 Sept. 2016, in preparation for the UfM Secretariat Ministerial Conference on SUD of May 2017
- Invited speaker to the 15th World Renewable Energy Congress 2016 (WREC-XV) in conjunction with the 5th Indonesia Renewable Energy and Energy Conservation Summit (5th IRES), Jakarta Convention Centre Indonesia, 19-23 September 2016. WREC’16 themes “Sustainable Energy for All and All for Sustainable Energy”, <http://www.wrec2016indonesia.com/>

2015

- Invited speaker on Green Economy: Sustainable Cities at the forthcoming Conference entitled: “A Road Map for Sustainable Development and Poverty Reduction in the Arab Region”, 16 - 17 December 2015, the Bibliotheca Alexandrina, Alexandria, Egypt, <https://www.bibalex.org/en/news/details?documentid=21135&>

- Invited speaker by HE Italian Ambassador and Ambassador of Argentine to give a talk on the influence of Italian architecture in Cairo, 8 December 2015, Italian Cultural Institute (ICI), Zamalek-Cairo, Egypt
- Invited speaker to A.ENERGY Symposium 2015, 21-23 October; organised by the Asian iNstitute for Environmental Research & enerGY, Incheon National University, South Korea, <http://ianergy.org/>
- Invited associate partner to European Sustainable Development Network Conference 2015, "A renewed policy framework for sustainable development – The international SD agenda and its impact on Europe", the conference "Implementation of the Post-2015 Agenda at the EU & national level: Designing effective governance architectures and strategic frameworks", organized by the ESDN in cooperation with the Luxembourg EU Presidency, 9-10 October, Luxembourg
<http://www.sd-network.eu/?k=about%20us%20and%20contact&s=associated%20partners/>
- Invited keynote speaker at the Frederich Ebert Stiftung 2015 Conference on "Sustainable Environment and Smart Cities" in collaboration with Technical University Berlin, 8-9 October 2015, Gammarth, Tunisia. Speech on "Impact of Climate Change on Cities: Socio-economic Benefits of sustainable Cities." 9th of October, session 2.
- Invited member to the 5th Future of Cities Forum, organised by the World Future Council, Tianjin- China, 14th - 15th Sept 2015, www.futureofcitiesforum.com/
- Invited participant to The 3rd German-Arab Environment and Energy Forum organised by Euro-Mediterranean-Arab Association EMA e.V., 14-15 September 2015, Schwerin – Hamburg, Germany, <http://ema-hamburg.org/pages/en/forums/environment-forum/2015.php?lang=EN/>
- Invited speaker to MED GREEN FORUM III: Mediterranean Green Buildings & Renewable Energy 2015, 24-28 Aug., University of Florence; Italy, <http://www.wrenuk.co.uk/wreexi.html> (*Inv. Sustainability of Educational Buildings: Retrofitting Measures to Enhance Energy Performance; the case of AASTMT Management Building*).
- Supervised and guided 24 students of smart building course group' projects to submitted 7 posters in the MED Green Student Award 2015, 28 August 2015, University of Florence; Florence-Italy.
<http://www.medgreenforum.com/cms/awards/>
- Member of the International Steering Committee, MED GREEN FORUM: Mediterranean Green Buildings & Renewable Energy from 24-28 August 2015, University of Florence; Florence-Italy,
<http://www.medgreenforum.com/cms/committees/>
- Invited speaker to the World Renewable Energy Congress 14 (WREC-XIV), "Clean Energy for Sustainable Development", organised by WREC/WREN at University POLITEHNICA of Bucharest, Bucharest – Romania, 8-12 June 2015, (*Inv. Sustainability of higher educational buildings: Retrofitting approach to improve energy performance and mitigate CO₂ emissions in hot climates*), Accepted and presented; Section 2: Sustainable & Low Energy Architecture, 10th of June, <http://www.wrec.ro/keynote-speakers/>
- Member of the International Steering Committee - World Renewable Energy Congress 14 (WREC-XIV), "Clean Energy for Sustainable Development", organised by WREC/WREN at the University POLITEHNICA of Bucharest, Bucharest – Romania, 8-12 June 2015, <http://www.wrec.ro/steering-committee/>
- Invited expert to the Cleaner Energy Saving Mediterranean Cities. 5th Steering Committee Meeting (5th of May), as part of the framework of the European Union funded projects "Cleaner and Energy Saving Mediterranean Cities" (CES-MED) and "Sustainable Urban Demonstration Energy Projects" (SUDEP), and a high-level conference on the Role of Local Authorities in Sustainable Energy (6th of May), Al Skhirat, Morocco, 4-7 May, 2015, (<http://www.ces-med.eu/news/news/item/joint-steering-committee-meetings-for-the-ces-med-and-sudep-projects-held-in-morocco-may-2015>)

2014

- Invited expert to the United Nation Economic Commission for Africa (UNECA) Ad-Hoc Expert Group meeting on Integrated Assessment Tools & Methodologies for Inclusive Green Economy in Africa, 25-27 November 2014, Addis Ababa, Ethiopia
- Invited speaker at A.ENERGY 2014 Conference "A.ENERGY for the Clean Health and Sustainable Asia", organised by Asian iNstitute for Environmental Research & enerGY, 20 - 22 Nov., INU, South Korea
- Invited associate member at European Sustainable Development Network Conference 2014, "A renewed policy framework for sustainable development – The international SD agenda and its impact on Europe", organized by the ESDN in cooperation with the Italian Ministry for the Environment, Land & Sea and the Italian EU Presidency, 6-7 November, Rome, Italy
- Invited keynote speaker at the Frederich Ebert Stiftung 2014 Conference on "Towards a Roadmap for Sustainable Cities in the MENA Region", 4-5 November 2014, Beirut, Lebanon (delivered on 4th Nov 2104)
- Invited speaker at the World Renewable Energy Congress 2014 - WREC XIII, "Renewable Energy in the service of Mankind", organised by WREC/WREN at University of Kingston, 3-8 August, London – UK
- Invited speaker and panelist of the CES-MED European Union Program: Cleaner Energy Saving Mediterranean Cities, Sustainability Week Lebanon, 4-5 June, Beirut, Lebanon
- Member of Ministry of Planning Taskforce developing Egypt's Green Economy Strategy 2025-2030, Cairo
- Member, Steering Committee of the Arab Forum on Sustainable Communities & Green Building (1st AFSCGB 2014), organised by Egypt Green Building Council (EgyptGBC) & UN-Habitat, 8-10 Dec, Conrad Cairo, Egypt
- Invited keynote speaker at a AREA-Egypt International Conference entitled "Towards 100% Renewables Energy

- and Sustainable Communities for Africa”, organised by The American University in Cairo in collaboration with African Renewable Energy Alliance (AREA) & World Future Council, 27-30 April, AUC, NC-Cairo, Egypt
- Invited and participated in Researcher Links Workshop on: Integration of Renewable Energy Technologies in Urban Areas in Hot Arid Climates, organised by Newcastle University & Cairo University, 17-20 April, Aswan
 - Invited and participated in the 22nd Cairo Climate Talks – CCT Panel discussion on “Cairo in Motion: Smart Transport and Urban Development” - Ministry of State of Environmental Affairs (MoSEA) and German Embassy in Cairo, 16th March, German Science Centre (DWZ), Zamalek-Cairo, Egypt
 - Invited Expert and participated in 1st workshop on Eco-Culture ad Low cost Eco-House in New Borg El-Arab City, (NBC), Japanese University for Science and Technology (E-JUST) and Technical Research Centre of Finland (VTT), Finland, 5th April, New Borg El-Arab City, Egypt
 - Invited expert and participated in Egypt Energy Forum 2014, Ministry of Electricity & Energy, 20th March, Cairo
 - Invited and participated in EU workshop on Solar Thermal System for Egypt, the Federation of Egyptian Industries (FEI) – Environmental Compliance Office (ECO) and Technical Assistance to Support the Reform of the Energy Sector - Egypt (TARES)”, an EU funded project, 2nd of March, Hotel Conrad, Cairo, Egypt

2013

- Invited expert and represented the Regional Centre for Renewable Energy & Energy Efficiency (RCREEE) at the European Commission – Joint Research Centre (JRC) Expert Meeting to review the Southern Mediterranean Cities, SEAP 2020, 2-3 December, Ispra, Italy
- Invited expert to an energy workshop “Technical Assistance to Support the Reform of the Energy Sector - Egypt (TARES)”, an EU funded project – was held at Fairmont hotel, 16th September, Heliopolis, Cairo-Egypt.
- Invited expert to an energy efficiency in urban planning workshop, The MED-ENEC Energy Efficiency Urban Planning Guidelines”, an EU funded project – was held at New Urban Communities Authority (NUCA), Ministry of Housing, Utilities and Urban Development on 11th September, Greater Cairo, Egypt
- Invited by the Expert Commission on Cities and Climate Change, The World Future Council, WFC to speak and participate in the Expert hearing on ‘Regenerative Cities’ from 4-7 Sept, World Bank and City of Hamburg,
- Contributed to the UMB Future Cities – The global Community for 21st Century City Decision Makers, Prof Dr Mohsen Aboulnaga, Live Audio: The Reality of Green Buildings with Rich Heap, Community Editor, Future Cities, Monday, August 5, 2013 11:20 EDT, http://www.ubmfuturecities.com/author.asp?section_id=242&doc_id=5255392014
- Invited participant at IRENA’s 3rd Workshop on “Renewables for Resilient Cities: A roadmap from 2012 to 2050?” 3rd June, Gustav Stresemann Institute, Bonn. IRENA’s workshop was organized alongside ICLEI – Local Governments for Sustainability - Resilient Cities Conference from 29th May – 2nd June, Bonn, Germany
- Invited Keynote Speaker to address the University of Leeds Alumni meeting and reception, 7th March, UAE
- Invited by the University of Sheffield, United Kingdom and presided the Examination Board of Ph.D. Thesis – External Examiner, 25-27 January, Sheffield, UK (conducted on 25th January)

CURRENT AND PREVIOUS POSITIONS

2012- Present: Senior Strategy Consultant – Climate Change, Sustainable Development/ SDGs Reporting/ Leadership
 Since 2003: Faculty of Engineering, **Cairo University** - Professor of Sustainable Built Environments
 1997-2003: Faculty of Engineering, **Cairo University** - Associate Professor of Sustainable Built Environments
 1991-1997: Faculty of Engineering, **Cairo University** - Assistance Professor
 Since Oct 2013: Associate Expert, **Regional Centre for Renewable Energy & Energy Efficiency-RCREEE**.
 Since December 2013: Associate Partner and Senior Trainer – Oil and Gas Skills (OGS), Cairo-Egypt
 Since March 2014: **Ministry of Planning**, Member of Task force developing Green Economy Strategy 2025-2030
 Since April 2014: Senior Advisor, **Egypt Green Building Council- Egypt-GBC**, Egypt
 Since 2010: **Green Building Research & Development – Düsseldorf, Germany**, Representative - MENA region
 2009 - 2010: **The Prime Minister’s Office of the UAE**, Strategy & Policy Advisor – Environment & Infrastructure
 Nov 2007 – Jan 2009: **The Executive Council, Dubai Government**, Strategy & Policy Advisor – Sustainability
 May 2007 – October 2007: **The Executive Council, Government of Dubai**, Consultant and developed a strategic project: Dubai Government Strategic Policies

INTERNATIONAL PUBLISHED JOURNALS, BOOKS AND BOOK CHAPTERS

Recent Journal Papers

- **Mohsen Aboulnaga, Paola Puma, Dalia Eletrby, Mai Bayomi, Mohamed Farid. (2022). Sustainability Assessment of the National Museum of Egyptian Civilization (NMEC): Environmental, Social, Economic, and Cultural Analysis. *Sustainability*, 14, no. 20:13080, <https://doi.org/10.3390/su142013080>**
- **Mohsen Aboulnaga, Paola Puma, Maryam Elsharkawy (2021). Sustainable Restoration: Survey and Analysis of the Baron Empain Palace, Cairo Egypt. Sustainable Mediterranean Construction, Land Culture,**

Research and Technology Journal (SMC), 2030 SDG Energy, History, and Science, vol. 14, pp. 96-104, https://www.sustainablemediterraneanconstruction.eu/SMC/The%20Magazine%20n.14_files/1411.pdf

- **Mohsen Aboulnaga, Abdulrahman Amer, Radwa Elsobki (2021). Sustainable Transportation: Challenges and Applicability in Megacities to Attain SDGs – Case Study of Cairo, Egypt.** Sustainable Mediterranean Construction, Land Culture, Research and Technology Journal (SMC), 2030 SDG Energy, History, and Science, Vol. 14, pp. 69-74, https://www.sustainablemediterraneanconstruction.eu/SMC/The%20Magazine%20n.14_files/1407.pdf
- **Mohsen Aboulnaga, Abdulrahman Amer, Abdulrahman Al-Sayed (2020). Towards Sustainable Development: MEGA Projects Strategic Environmental Assessment to Attain SDG 7, 9, 11, 12, and 13.** Sustainable Mediterranean Construction, Land Culture, Research and Technology Journal (SMC), 2030 SDG City and Land, Vol. 12, pp. 101-106, https://www.sustainablemediterraneanconstruction.eu/SMC/The_Magazine_n.12_files/1215.pdf
- **Sarah GadAllah, Mohsen Aboulnaga (2020). Climate Action and SDG Attainment: Insulation Materials; impacts assessment.** Sustainable Mediterranean Construction, Land Culture, Research and Technology Journal (SMC), 2030 SDG Architecture and Design, Vol. 11, pp. 76-80, https://www.sustainablemediterraneanconstruction.eu/SMC/The_Magazine_n.11_files/1111.pdf
- **Mohsen Aboulnaga, Mona Mostafa (2019). 'Mitigating Heat Islands Effect in Mega Cities through Districts' Prioritisation for Urban Green Coverage Applications: Cairo – Egypt as a Case Study'.** Renew. Energy Environ. Sustain. 4, 5 (2019), March 11, 2019. DOI: <https://doi.org/10.1051/rees/2019002>, available at: https://www.edp-open.org/articles/rees/full_html/2019/01/rees190002s/rees190002s.html

BOOKS

- **Mohsen Aboulnaga et al., 2022.** "Biomimetic Architecture and Its Role in Developing Sustainable, Regenerative and Livable Cities: Global Prospective and Approaches in the Age of COVID-19", ISBN 9783031082917, Springer 1st edition published on September 2, 2022, <https://link.springer.com/book/10.1007/978-3-031-08292-4>
- **Mohsen Aboulnaga et al., 2021.** "Resilience of Informal Area in Megacities: Magnitude, Challenges, and Policies", ISBN 978-3-030-05405-2, Springer Nature, 17 December 2021, <https://link.springer.com/book/10.1007/978-3-030-87794-1>
- **Mohsen Aboulnaga et al., 2019.** "Urban Climate Change Adaptation in Developing Countries - Policies, Projects, and Scenarios", ISBN 978-3-030-05405-2, Springer Nature, 21 March 2019, <https://www.springer.com/us/book/9783030054045>

BOOK CHAPTERS

- **Mohsen Aboulnaga, Maryam Elsharkawy (2023). Towards Climate Neutrality: Global Perspective and Actions for Net-Zero Buildings to Achieve Climate Change Mitigation and the SDGs.** In: Sayigh A. (eds) Towards Net Zero Carbon Emissions in the Building Industry. Innovative Renewable Energy, Springer, first online: 9th November 2022, pp. 373-433, https://doi.org/10.1007/978-3-031-15218-4_16
- **Mohsen Aboulnaga, Maryam Elsharkawy (2022). The Role of Shading, Natural Ventilation, Daylighting and Comfort in Enhancing Indoor Environmental Quality and Liveability in the Age of COVID-19.** In: Sayigh A. (eds) Achieving Building Comfort by Natural Means. Innovative Renewable Energy, Springer, pp. 183-218, https://doi.org/10.1007/978-3-031-04714-5_8
- **Mohsen Aboulnaga, Maryam Elsharkawy (2022). Timber as a Sustainable Building Material from Old to Contemporary Experiences: Review and Assessment of Global and Egypt's Examples.** In: Sayigh A. (eds) The Importance of Wood in Sustainable Buildings, Innovative Renewable Energy, Springer, first online: 14th September 2021, pp. 89-129, https://doi.org/10.1007/978-3-030-71700_4
- **Mohsen Aboulnaga, Heba Fouad (2022). Urban Green Coverage: Importance of Green Roofs and Urban Farming Policies in Enhancing Liveability in Building and Cities – Global and Regional Outlook.** In: Sayigh A., Trombadore A. (eds) The Importance of Greenery in Sustainable Buildings, Innovative Renewable Energy, Springer, first online: 24th July 2022, pp. 155-230, https://doi.org/10.1007/978-3-030-68556-0_7
- **Mohsen Aboulnaga, Maryam Elsharkawy (2022). Timber as a Sustainable Building Material from Old to Contemporary Experiences: Review and Assessment of Global and Egypt's Examples.** In: Sayigh A. (eds) The Importance of Wood in Sustainable Buildings, Innovative Renewable Energy, Springer, first online: 14th September 2021, pp. 89-129, https://doi.org/10.1007/978-3-030-71700_4
- **Mohsen Aboulnaga, Naguib Amin, Bruno Rebelle, 2022.** Book chapter: *Climate Change Adaptation: Renewable Energy and Climate Actions in Cities to Mitigate Climate Change and Enhance liveability – A Diagnostic and Strategic Study*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020. ISBN 978-3-030-76220-9, pp. 369-382, Springer, https://doi.org/10.1007/978-3-030-76221-6_45, February 24, 2022
- **Mohsen Aboulnaga, Abdelrahman Amer, Radwa Ahmed, 2022.** Book chapter: *Enhancing Higher Education Buildings' Performance through Energy Audit and Retrofitting: Climate Action to Mitigate CO₂ Emissions and Attain SDGs*; book title: Sustainable Energy Development and Innovation – Selected Papers from the

- World Renewable Energy Congress (WREC) 2020, ISBN 978-3-030-76220-9, Pages 53-559, Springer, https://doi.org/10.1007/978-3-030-76221-6_62, February 24, 2022
- Sarah A. Gadallah, **Mohsen M. Aboulnaga**, 2022. Book chapter: *The Role of Circular Economy in Mitigating Climate Change Impacts: Thermal Insulation Materials' Assessment In Developing Countries*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020, ISBN 978-3-030-76220-9, Pages 613-623, Springer, https://doi.org/10.1007/978-3-030-76221-6_67, February 24, 2022
 - Mai M. Barakat, **Mohsen M. Aboulnaga**, 2022. Book chapter: *Climate Change Adaptation Amid COVID-19: Sustainable Transport Guidelines to Mitigate CO₂ Emissions, Enhance Livability in Cities, and Attain SDG 7, 11, 12 and 13*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020, ISBN 978-3-030-76220-9, Pages 589-603, Springer, https://doi.org/10.1007/978-3-030-76221-6_65, February 24, 2022
 - Mai Barakat, **Mohsen Aboulnaga**, 2022. Book chapter: *Impacts of Ecological and Psychological Human Behaviors: Assessment of Selected Buildings in New Cairo, Egypt to attain Livability and Mitigate Climate Change*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020, ISBN 978-3-030-76220-9, Pages 287-298, Springer, https://doi.org/10.1007/978-3-030-76221-6_36, February 24, 2022
 - Sara Tarek, **Mohsen Aboulnaga**, 2022. Book chapter: *An Approach for Healthier Cities in the Time of COVID-19 Crisis: Mapping SSC Indicators with Quality of Life and SDGs*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020, ISBN 978-3-030-76220-9, Pages 383-388, Springer, https://doi.org/10.1007/978-3-030-76221-6_46, Feb. 24.
 - Sarah A. Gadallah, **Mohsen M. Aboulnaga**, 2022. Book chapter: *Buildings' Thermal Insulation Materials' Market and Drivers: Global Outlook and Assessment in the Context of SDGs*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020. ISBN 978-3-030-76220-9, Springer, https://doi.org/10.1007/978-3-030-76221-6_32, Feb. 24, 2022
 - Tahany Abdelmawgood, **Mohsen Aboulnaga**, 2022. Book chapter: *Sustainable Development of Higher Education Institutions – An Analytical Study for SD Projects' Retrofitting of Selected Global Universities' Buildings*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020. ISBN 978-3-030-76220-9, Pages 803-816, Springer, https://doi.org/10.1007/978-3-030-76221-6_89, Feb. 24, 2022
 - Maryam Elsharkawy, **Mohsen Aboulnaga**, Ayman Mahmoud, 2022. Book chapter: *Integrating Building Information Modeling Tool for Enhancing Energy and Daylight Performance in Buildings' retrofit and Attaining Sustainability*; book title: Sustainable Energy Development and Innovation – Selected Papers from the World Renewable Energy Congress (WREC) 2020. ISBN 978-3-030-76220-9, Pages 357-367, Springer, https://doi.org/10.1007/978-3-030-76221-6_44, Feb. 24, 2022
 - **Mohsen Aboulnaga**, Maryam Elsharkawy, 2022. Book chapter: *Timber as a Sustainable Buildings Material from Old to Contemporary Experiences: Review and Assessment of Global and Egypt's Examples*; book title: The Importance of Wood and Timber in Sustainable Buildings. ISBN 978-3-030-71699-8, Innovative Renewable Energy Series, Springer, <https://www.springer.com/gp/book/9783030308407/>, July 2021
 - **Mohsen Aboulnaga**, Heba Fouad, 2022. Book chapter: *Urban Green Coverage: Importance of Green Roofs and Urban Farming Policies in Enhancing Liveability in Buildings and Cities – Global and Regional Outlook*; book title: The Importance of Greenery in Sustainable Buildings. ISBN 978-3-030-68555-3, Innovative Renewable Energy Series, Springer, https://link.springer.com/chapter/10.1007/978-3-030-68555-3_7, July 24, 2021
 - **Mohsen Aboulnaga**, Marco Sala, Antonella Trombadore, 2021. Book chapter: *Open Innovation Strategies, Green Policies, and Action Plans for Sustainable Cities – Challenges, Opportunities, and Approaches*; book title: Smart and Sustainable Planning for Cities and Regions – Results of SSPCR 2019, ISBN 978-3-030-57331-7, Green Energy and Technology Series, Springer, <https://doi.org/10.1007/978-3-030-57332-4>, Jan 2021
 - **Mohsen Aboulnaga**, Naguib Amin, Bruno Rebelle, 2020. Book chapter: *Climate Adaptation Action: The Role of Clean Energy and Strategic Action Plans of South Mediterranean Cities*; book title: Green Buildings and Renewable Energy: Med Green Forum 2019, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, <https://www.springer.com/gp/book/9783030308407/>, Jan 26, 2020
 - **Mohsen Aboulnaga**, Youssef AbouZied, Sara Abouelsoud, 2020. Book chapter: *Climate Action: Urban Farming as an Innovative Tool for Regenerating Cities to be Sustainable – Case of the City of Conegliano, Italy*; book title: Green Buildings and Renewable Energy: Med Green Forum 2019, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, January 26, 2020, <https://www.springer.com/gp/book/9783030308407/>
 - Mai M. Baraka, **Mohsen M. Aboulnaga**, Mona F. Badran, 2020. Book chapter: *Towards Resilient Cities: Improving Unplanned Urban Areas – Strategic Environmental Assessment and Upgrading Guidelines for Megacities in Developing Countries*; book title: Green Buildings and Renewable Energy: Med Green Forum

2019, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, January 26, 2020, <https://www.springer.com/gp/book/9783030308407/>

- Asmaa Eid, **Mohsen Aboulmaga**, Ayman Mahmoud, 2020. Book chapter: *Automated Code Compliance Checking in Reference to Energy Efficiency Building Regulations*; book title: Green Buildings and Renewable Energy: Med Green Forum 2019, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, January 26, 2020, <https://www.springer.com/gp/book/9783030308407/>
- Ehsan Elhennawi, **Mohsen Aboulmaga**, 2020. Book chapter: *Impacts of Exploiting Nano-coating on Buildings' Façades to Improve Air Quality in Megacities, Mitigate Climate Change and Attain Liveability*; book title: Green Buildings and Renewable Energy: Med Green Forum, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, <https://www.springer.com/gp/book/9783030308407/>, January 26, 2020
- Haidy Mousa, May Elhadidi, Hadil Abdelhafez, Pietro Tonini, Lorenzo Fellin, Antonella Frongia, Virginia Castellucci and **Mohsen Aboulmaga**, 2020. Book chapter: *The Role of Urban Farming in Revitalising Cities for Climate Change Adaptation and Attaining Sustainable Development: Case of the city of Conegliano, Italy*; book title: Green Buildings and Renewable Energy: Med Green Forum 2019, ISBN 978-3-030-30840-7, Renewable and Green Energy Series, Springer, <https://www.springer.com/gp/book/9783030308407/>, January 26, 2020.
- **Mohsen Aboulmaga et al.**, 2019, "Sustainable Vernacular Architecture – How the Past can enrich the Future" – Chapter 15: Sustainability Principles and Features Learned from Vernacular Architecture: Guidelines for Future Developments Globally & Egypt, Springer Nature released on April 7, 2019, pp. 294-357, URL: <https://www.springerprofessional.de/en/sustainability-principles-and-features-learned-from-vernacular-a/16585698>
- **Mohsen Aboulmaga**, 2017, "Design of Sustainable buildings on seaside zones", Chapter 5: Sustainability Measures of Public Buildings in Seaside Cities: The New Library of Alexandria (New Bibliotheca Alexandrina), Egypt, *in Press* (under publishing process), publisher: Springer – Germany, due in December 2017, URL: <http://www.springer.com/>
- **Mohsen Aboulmaga**, 2017, *Mediterranean Green Buildings & Renewable Energy*, Chapter 9: Sustainability of Higher Educational Buildings: Retrofitting Measures to Enhance Energy Performance — The Case of AASTMT Business Management School Building, Egypt, ISBN 978-3-319-30745-9, published by Springer, Switzerland, January 2017, URL: <http://www.springer.com/fr/book/9783319307459#aboutAuthors>
- **Mohsen Aboulmaga**, 2016, *High-rise Buildings in the Urban Zones – Advantages and Problems: Case Studies from Different Countries*, Chapter 9: High-rise Buildings in context of Sustainability: Urban metaphors of greater Cairo, Egypt - Case studies, ISBN 978-3-319-17756-4, publisher: Springer– Switzerland, published in Jan 2017), URL: <http://www.springer.com/us/book/9783319177557>
- Manal El-Batran and **Mohsen Aboulmaga**, 2015 "Climate Change Adaptation: an Overview on Challenges and Risks in Cities, Regions Affected, Cost and benefits of Adaptation and Finance Mechanisms.", book title is "Handbook on Climate Change Adaptation", Springer, ISBN 9783642386695, published on 14th July 2015, (<http://www.springer.com>). Chapter link: <http://www.springerprofessional.de/033---climate-change-adaptation253a-an-overview-on-challenges-and-risks-in-cities-regions-affected-costs-and-benefits-of-adaptation-and-finance-mechanisms/5778986.html>
- **Mohsen Aboulmaga**, 2013. "Urbanization, Sustainable Cities and the Arab Gulf States" Chapter 11, international book "Technology and the Future of Energy", imprint of Emirates Centre for Strategic Studies & Research, ECSSR, ISBN-139789948147411, 18 Dec 2013,
- **Mohsen Aboulmaga**, 2013. *Sustainable Building for a Green and an Efficient Built Environment: New and Existing Case Studies in Dubai*, Ch. 6, an international book entitled: Sustainability, Energy and Architecture" - Editor, Professor A Sayigh, Chairman of World Renewable Energy Council and Network (WREC/ WREN), Director General of WREN, and Editor-in-Chief, Renewable Energy-UK, 1st Edition, ISBN: 9780123972699, published by Elsevier USA, released on October 10, 2013. <http://store.elsevier.com/Sustainability-Energy-and-Architecture/Ali-Sayigh/isbn-9780123977571/>.

Reviewer of International Journals

Reviewer of many international reputed journals:

- Journal of Energy and Buildings (ENB), Elsevier, UK
- Journal of Renewable and Sustainable Energy (JRSE), USA
- Journal of Engineering and Applied Science (JEAS), Egypt
- Recognised Reviewer (Energy and Buildings Journal, the Official Journal of Elsevier, 2012-present: <http://www.reviewerrecognition.elsevier.com/recognition/index?key=A002F298890F30D8984412B8AC708134D232CAFA4ACD2C11>

REVIEWER OF MORE THAN 40 INTERNATIONAL JOURNALS' PAPERS

- Reviewer of more than 50 international reputed journals: b) Journal of Energy and buildings (ENB), Elsevier, UK; c) Journal of Renewable and Sustainable Energy (JRSE), USA; d) Frontiers, USA, e) Journal of Science and Technology (IJST)- ICPSR, ISESCO, Morocco; f) Journal of Engineering and Applied Science (JEAS), Egypt.
- Recognised Reviewer of Energy and Building Journal, the official Journal of Elsevier, 2012-present:
<http://www.reviewerrecognition.elsevier.com/recognition/index?kev=A002F298890F30D8984412B8AC708134D232CAFA4ACD2C11>

SOME RESEAQRCH REFERENCES

Member of International Research team led by Prof Paola Puma for EU Research **COST Action Proposal OC-2018-2-23148** "Fostering Immaterial Resilience Reconnecting Places and People", e-COST (<https://e-services.cost.eu/sesa/quickAccess>) and http://www.cost.eu/participate/open_call

AWARDS, HONORS AND CERTIFICATES OF APPRECIATION

Awards

- 2019** Special award of MED Green Forum, University of Florence, Italy
- 2018** Special award of World Renewable Energy Congress, July 2018, London, UK

Honors

- 2000** Featured in *Who's Who in America for Science and Engineering*, 5th Ed., in recognition of outstanding achievement in Architectural Engineering, U.S.A.
- 2000** Featured in *ABI Five Hundred Leaders of Influence*, in recognition of outstanding achievement in Architectural Engineering., American Biographical Institution (ABI), North Carolina, U.S.A.
- 1999** Featured in *Who's Who in the World*, 16th & 18th Ed., in recognition of significant achievement in the field of Architectural Engineering as professional and educator, U.S.A.

Supervision of Master and PhD research and degrees

Supervised Master and PhD research work – 2014 till date at Cairo University

- Supervising 5 PhD research students (Theses) and 25 Master students of which 10 Masters' Degrees were awarded between November 2017 and January 2020.

TRAVEL

- **Europe:** Austria, Belgium (Brussels and Ghent), Finland, France, Germany (Bonn and Berlin), Hungary (Budapest), Ireland (Dublin), Italy (Rome, Florence, Ispra, Milan, Naples, Bressanone, Bolzano – South Tyrol, and Pordenone), Netherland (La Hague and Amsterdam), Czech Republic (Prague), Romania (Bucharest), Spain (Madrid, Barcelona, Granada, Toledo, and Seville), Sweden (Linköping and Stockholm), Switzerland (Bern, Geneva and Lausanne), Austria (Vienna), Turkey (Istanbul and Trabzon), and United Kingdom (most of England and Scotland).
- **North America:** Canada (Montreal, Ottawa, and Toronto), and the United States of America (Denver, North Carolina, New York, Savannah – Georgia, Virginia and Washington-DC.).
- **Asia:** Bahrain, China (Beijing, Nanjing and Hong Kong), India (New Dehli and Hyderabad), Kazakhstan (Astana), Azerbaijan (Baku), Kuwait, Lebanon, South Korea (Seoul and Incheon), Sultanate Oman, Saudi Arabia, Syria and Thailand (Bangkok).
- **Africa:** Ethiopia (Addis Ababa), Morocco (Alskhirat, Casablanca, and Rabat) and Tunisia.