



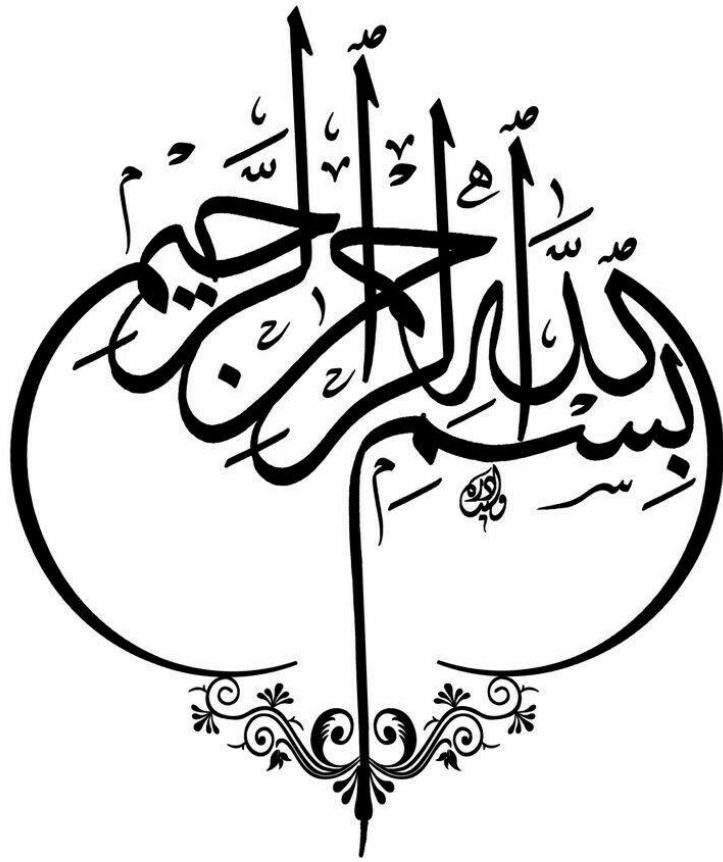
THE 21<sup>ST</sup> CONFERENCE  
*of the*  
ISLAMIC WORLD ACADEMY OF SCIENCES (IAS)  
*On*

**SCIENCE, TECHNOLOGY AND INNOVATION  
FOR GLOBAL PEACE AND PROSPERITY**

8-11 OCTOBER 2017  
KONYA, TURKEY

**MONEEF R. ZOU'BI  
NAJWA F. DAGHESTANI**  
*EDITORS*

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# SCIENCE, TECHNOLOGY AND INNOVATION FOR GLOBAL PEACE AND PROSPERITY

Proceedings of the 21<sup>st</sup> IAS Science Conference on  
**Science, Technology and Innovation for  
Global Peace and Prosperity**

organised in Konya/ Turkey;  
8-11 October 2017

*Edited by*

**Moneef R. Zou'bi  
Najwa F. Daghestani**

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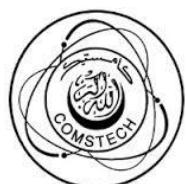
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## Editors:

**Dr Moneef R. Zou'bi** has been an advocate of Science and Technology for Development for around 30 years. Born in Amman, Jordan, he studied for his undergraduate and postgraduate degrees in Civil Engineering Technology and Management at Brighton and Loughborough Universities in the United Kingdom, 1980 - 1987. After becoming involved in global development issues, he successfully pursued further post-graduate work at the Department of Science and Technology Studies at the University of Malaya.



After serving in various capacities at the IAS, he was appointed by the IAS Council as Director General, IAS, in May 1998. He also serves as the Science Advisor to the Interaction Council (IAC) which is an independent international organization that mobilizes the experience and international contacts of a group of statesmen who have held the highest office in their own countries.

He has written extensively on science and technology issues, science education and sustainable development, as well as on water issues from a Middle Eastern perspective, and has given lectures on such topics in over 25 countries including Canada and the United States. He has published over 60 publications and edited and co-edited 10 books on topics such higher education, the environment as well transformational technologies. In 2010, he co-authored the ground-breaking Arab States Chapter of the 2010 UNESCO Science Report.

Moneef is a member of many international organizations including the UNESCO International Centre for South-South Co-operation in Science, Technology and Innovation (ISTIC), Malaysia; the New York Academy of Sciences; World Academy of Art and Science and the European Association for the Study of Science and Technology; and is a Founding Fellow, of the Academy of Engineering and Technology for the Developing World (AETDEW), based in Kuala Lumpur (Malaysia). He is also a member of the Advisory Committee of the Rosenberg International Water Forum, USA, since 2007; member (Ex-Officio) of the Council of the Islamic World Academy of Sciences, since 2009; member of the Advisory Board, Muslim-Science.Com, since 2011, and a member of the American Association for the Advancement of Science (AAAS), since 2013; member - Board of Judges for the Templeton Prize involved in the selection of the Templeton Prize Laureate for 2018, 2019 and 2020.

**Najwa F. Daghestani** is a Senior Programme Officer at the Islamic World Academy of Sciences (IAS). She earned her Master of Business Administration (MBA) from the German Jordanian University, Jordan, and her BSc in Computer Science from Princess Sumaya University, Jordan.



She previously worked at the Royal Scientific Society as an Applications Programmer.

## IAS PUBLICATIONS

*Medical Journal of the Islamic World Academy of Sciences (Quarterly)*

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### PUBLISHED CONFERENCE PROCEEDINGS

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20. *Science, Technology and Innovation: Building Humanity's Common future*
21. *Science, Technology and Innovation for Global Peace and Prosperity*

### BOOKS

*The Essentials of Science, Technology and Innovation Policy – Published by the Islamic World Academy of Sciences*

Omar Abdel Rahman (Author)

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