ACHIEVING SOCIOECONOMIC DEVELOPMENT IN THE ISLAMIC WORLD THROUGH SCIENCE, TECHNOLOGY AND INNOVATION

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Editors:

Dr Moneef R. Zou’bi is the Director General of the Islamic World Academy of Sciences (IAS). He 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. He successfully pursued further postgraduate work at the Department of Science and Technology Studies at the University of Malaya.

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He has published over 60 publications on science and technology issues, science education and sustainable development, as well as on water issues from a Middle Eastern perspective. In 2010, he co-authored the ground-breaking Arab States Chapter of the 2010 UNESCO Science Report that foresaw the advent of the Arab Spring. In 2015, he was commissioned again to be lead author of same Report.

Dr. Moneef is a member of the World Academy of Art and Science and is a Founding Fellow, of the Academy of Engineering and Technology for the Developing World (AETDEW). He is also a member of the Advisory Committee of the Rosenberg International Water Forum, USA, since 2007.

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

1. Food Security in the Muslim World
2. Science and Technology Policy for Self-Reliance in the Muslim World
3. New Technologies and Development of the Muslim World
4. Technology Transfer for Development in the Muslim World
5. Science and Technology Manpower Development in the Muslim World
6. Environment and Development in the Muslim World
7. Health, Nutrition and Development in the Muslim World
8. Water in the Islamic World: An Imminent Crisis
9. Science and Technology Education for Development in the Islamic World
10. Information Technology for Development in the Islamic World
11. Biotechnology and Genetic Engineering for Development in the Islamic World
12. Materials Science and Technology and Culture of Science
15. Higher Education Excellence for Development in the Islamic World
17. Towards the Knowledge Society in the Islamic World: Knowledge Production, Application and Dissemination
18. The Islamic World and The West: Rebuilding Bridges through Science and Technology
19. Achieving Socioeconomic Development in the Islamic World Through Science, Technology and Innovation
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)

Découvertes en pays d'Islam – Arabic Edition Published by the Islamic World Academy of Sciences
Ahmed Djebar, Cécil de Hosson and David Jasmin (Authors)

Reverse Engineering: The Permissible but not Well-Recognized
Mohamed B. E. Fayez (Editor)

Intellectual Property Rights: An Introduction for Scientists and Technologists
Mohamed B. E. Fayez (Editor)

Islamic World Academy of Sciences Outreach
Moneef R. Zou'bi (Editor)

Islamic World Academy of Science Declarations
Moneef R. Zou'bi (Editor)

Personalities Noble
Moneef R. Zou'bi (Editor of the Second Revised Edition)

Islamic Thought and Modern Science
Mumtaz A. Kazi (Author)

Qur’anic Concepts and Scientific Theories
Mumtaz A. Kazi (Author)