

---

## Editorial

---

### Abul Quasem Al-Amin\*

Institute of Energy Policy and Research (IEPR),  
Universiti Tenaga Nasional,  
43000, Jalan Ikram UNITEN, Selangor, Darul Ehsan, Malaysia  
Email: amin.cantt@gmail.com  
\*Corresponding author

### Arnias Asmat

Green Technology & Sustainable Development,  
Faculty of Applied Sciences,  
Universiti Teknologi Mara,  
42300 Shah Alam, Selangor, Darul Ehsan, Malaysia  
Email: arniasmat@gmail.com

**Biographical notes:** Abul Quasem Al-Amin is a Professor at the Institute of Energy Policy and Research (IEPR), Universiti Tenaga Nasional, Malaysia. He is currently the Head of 'Energy Economics' research wing at IEPR and his research areas include economic development and environmental modelling with the interest to climate change. He is currently associated with many research works at the HAW, Germany, Springer, USA, Forum for Future, Singapore, Ministry of Natural Resources and Environment, Malaysia, Malaysian Biotechnology Corporation, Economic Planning Unit, Malaysia, country representative of Malaysia to UNFCCC, Academy Science Malaysia, Economic Research Institute for ASEAN and East Asia and Sime Darby Malaysia. He is assisting countries, especially ASEAN in accelerating the transition to a low-carbon economy through enhancing policymakers' capacity to promote green technologies, including renewable energy development, affordable access to clean energy for the poor, and support to industries and other economic sectors in adopting low carbon technologies.

Arnias Asmat is an Associate Professor and Director of Green Technology & Sustainable Development, Faculty of Applied Sciences, Universiti Teknologi Mara, Malaysia. Her research areas are environmental remote sensing, remote sensing and geographical information system (GIS), atmospheric remote sensing, air quality, extreme weather, climate change and carbon footprint. She is attached with the IEEE (Geoscience and Remote Sensing Society Membership) and Geospatialist (Gs.) Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Fellow of Eurasian Academy of Environmental Science, and Vice President of Clean Air Forum Society of Malaysia (MyCAS).

---

The aim of this special issue is to bring together detailed studies and high-quality papers that focus on new and emerging topics on environmental sustainability research. This issue illustrates how environmental sustainability research has advanced in recent years and topics cover on population ageing and energy consumption for sustainable

development, environmentally responsible behaviours, low carbon landscapes, green space design, factors influencing the adoption of sustainability, and recent issues on sustainable development framework.

The contents of the special issue disseminate information and encourage the creation of a leading learning organisation to cope with the demands of sustainable development throughout the domain. All authors of extended abstracts that have been accepted for presentation at the conference (The 4th International Conference on Science and Social Research) are invited to submit an extended version of their works for a special issue of the *International Journal of Environment and Sustainable Development* entitled 'Recent developments in environmental sustainability'. The effort from this special issue will build networks between research and publication, academic and society, the government and private sector, and across diverse interest groups in addressing the emerging topics on environmentally sustainable practices.

This special issue enhances the depth of understanding about societal innovation under various sub-themes of energy consumption, environmentally responsible behaviours, green space design for environmental enhancements and contemporary concerns on sustainable development. Further, the theme of this special issue provides empirical evidence on innovation used in factors influencing the adoption of sustainability for a sustainable development framework.

We would like to express my sincere gratitude to all contributors, participants, editor and editorial members for this special issue. It has been a great pleasure working with the Inderscience Publisher.