

Call for Papers

Special Issue on
"Sustainable Management of Waste"
In conjunction with India- UK Second international conference on
**Advanced Nanomaterials for Energy,
Environment and Health Care Applications** 
- ANEH 2019-



1.Scope

Waste management is a challenge to developing nations and is not sustainable in developed nations. With significant contributions to global warming from waste, the management mentioned above and disposal problems are further compounded. The ANEH 2019 special issue on “*Sustainable Management of Waste*” aims to provide an interdisciplinary forum of “*Advanced nanomaterials and other waste management technology for energy, environment and health care applications*”. This international forum brings together leading international and national academic and research scientists including invited speakers and professors, researchers and research scholars to exchange and share their experiences, innovative research ideas and results on all aspects of nanomaterials and novel technologies for environmental management. This conference will also provide an ideal environment to develop new collaborations and meet experts on the fundamentals, applications, and outputs/products of the mentioned fields.

2. Thematic areas

This special issue is targeted to researchers that develop studies in the theme. Manuscripts (either research article or review paper) are expected, but not limited, in the following topics:

-  Hazardous/Solid Waste Management

- ✚ Soil Contamination and Remediation Technologies
- ✚ Recent Water/Wastewater Remediation Technologies
- ✚ Biotechnology and Molecular-Engineering for Waste Conversion
- ✚ Livestock Manure Management
- ✚ Air Pollution and its Control
- ✚ Nanomaterials in Environmental Applications
- ✚ Greenhouse Gas Emissions and Mitigations in Waste Management Sectors
- ✚ Plastic Degradation
- ✚ Green Buildings and Low Carbon Technology
- ✚ Recycling and Reuse Technologies
- ✚ Biofuel (Energy recovery) and Bio-products from Waste Resources or Waste to Wealth Technologies
- ✚ Circular Economy through Environmental Treatment

3. Tentative Schedules

Submission of full papers: March 31 – August 31, 2019

Peer review/ paper revision process: March 31- August 31, 2019

Announcement of final decisions: September 30,2019

Publication of Special Issue: October 30, 2019

4. Preparation of Manuscript

The manuscript must be prepared in accordance of the guidelines provided by Energy, Ecology & Environment. Please visit the journal home page(<https://www.springer.com/energy/journal/40974>) for more details. Authors need to select option “ANEH 2019” to submit the manuscript for this special issue.

5. Guest Editors

- a) **Dr.Sudhagar Pitchaimuthu**, Ph.D.,MRSC., Sêr Cymru II-Rising Star Fellow,Group Leader, Multi-functional Photocatalyst & Coatings Group, SPECIFIC, College of Engineering, Swansea University (Bay Campus), Fabian Way, Crymlyn Burrows, Swansea SA1 8EN Wales, United Kingdom.E-mail: S.Pitchaimuthu@swansea.ac.uk

- b) **Dr. Balasubramani Ravindran**, PhD (MB & *Env Engg*), ISWA, Assistant Professor, Department of Environmental Energy & Engineering, Kyonggi University, Suwon-si, Gyeonggi-do, 16227, Republic of South Korea. Email id: kalamravi@gmail.com
- c) **Dr. Venkata Krishnan**, PhD, Assistant Professor, School of Basic Sciences, Indian Institute of Technology, Mandi-175001, India. Email id: vkn@iitmandi.ac.in