



Announcing two journals for late 2012

Journal of Sustainable Energy Engineering

Scope

The Journal of Sustainable Energy Engineering's mission is to seek sustainable methods of worldwide energy production through engineering, scientific, and technological advances. As the world moves into a new era, searching for sustainability, from both environmental and an economic points of view, there is increasing attention on renewable energy, such as wind, solar, and geothermal, and their places in future energy scenarios. Fossil fuels, such as oil, gas, and coal, will continue to be a part of future energy supplies, and this journal will consider articles related to the sustainability of those energy sources, as well as renewable energy.

Energy sources, the processes of conversion into useable fuel or power, its transportation or transmission, and the future of energy storage will all be covered in the *Journal of Sustainable Energy Engineering*.

Topics:

- Oil (exploration, drilling, and refining)
- Natural gas (capture, CO₂ sequestration, and shale)
- Coal (“clean” coal, greenhouse emissions, environmentally-conscious extraction)
- Pipelines
- Wind energy (integration, valuation, economic viability)
- Solar energy (materials, transmission lines, and new technologies)
- Geothermal (geological and economic viability, direct-use)
- Biofuels (new processes and materials)
- Nuclear (safety, materials, processes)

- Hydrogen and Fuel cells (future use and viability)
- New renewable forms of energy (viability of “wave” energy, for example)

The sustainability of energy is probably the most important debate going on in our world today, and its engineering, from an environmental and economic standpoint, is the backdrop against which any political or scientific argument is set.

The Editor

James Speight, PhD

With more than 40 years of experience in the energy industry, Jim Speight has worked as an independent consultant in oil and gas, renewable energy, and power production, covering a who's who of companies involved in energy production, transmission, and processing. Educated as a chemical engineer, Dr. Speight has become one of the energy industry's most well-known names, as a prolific author, professor, and industry consultant.

Dr. Speight has over 400 articles, reports, and presentations to his credit, over the course of his career, and he also is author or co-author on more than 30 books. In addition, he is the editor of 3 journals in the energy field, including founding editor of 1 of those.

He is also an adjunct professor at the University of Utah and a visiting professor at the University of Trinity and Tobago, Technical University of Denmark, University of Petroleum in Beijing, China, University of Regina, in Canada, and the University of Akron in the US.

Journal of Renewable Materials

Scope

The *Journal of Renewable Materials* publishes high quality double-blind, peer reviewed original research on macromolecules and additives obtained from renewable/biobased resources. This multidisciplinary journal will cover biobased monomers, polymers, additives (both organic and inorganic), their blends and composites. The journal will showcase both fundamental aspects and applications of renewable materials. The fundamental theories and topics include chemistry of biobased monomers, macromonomers and polymers, their structure-property relationship, processing, characterization (spectroscopic, morphological, thermal, mechanical, rheological,), bio and environmental degradation and life cycle analysis. The application areas include biomedical, packaging, civil & construction, structural, mechanical, electrical & electronics and chemical engineering.

The Editors

Alessandro Gandini is a physical chemist who has taught and done research for the last fifty years at academic and other institutions in Switzerland, UK, Canada, USA, Cuba, France, Brazil and Portugal, after his first degree in Italy, and delivered invited courses in numerous other countries. His main scientific interests are polymer synthesis and characterization, with a special emphasis on polymers from renewable resources, photochemistry, and the physical chemistry of surfaces and interfaces. He has supervised 80 Doctorate Theses, published over 400 scientific contributions, including two books and 60 monographs or book chapters, and presented his work in some 450 international symposia, more than 100 of which as invited or plenary lecturer. He is a Doctor Honoris Causa of the Saint Petersburg Forestry Academy and of Havana University and was invested with the Ermine decoration of Grenoble National Polytechnic Institute.

Ramaswamy Nagarajan has a combination of science and engineering background with bachelor degrees in Chemistry and Rubber Technology from India and a doctoral degree in Polymer Science from the University Massachusetts. His research interest is in the development of “greener”/sustainable routes to advanced functional materials (polymers, additives and surfactants). Working at the interface of science and engineering his research group has been involved in translating fundamental research into engineering applications for advancing technology in new and emerging areas. His research group has developed enzymatic/biomimetic routes for the synthesis electrically conducting & photoresponsive polymers as well halogen-free flame retardant materials. His research interests also include molecularly integrated hybrid materials, electro-active polymers for detection of heavy metals in soil and ground water, design and development of sensors for remote structural health monitoring and for the detection of explosives. He has co-authored over 50 papers in peer-reviewed journals, 2 book chapters, and presented his work in 45 international symposia. He holds 14 U. S. patents and is also a three-time winner of the ‘Technology Development Fund Award’ from the UMass President’s office. In 2011, he was the Massachusetts Toxics use Reduction Institute’s research champion of the year.