# Green and Sustainable Innovation and Nanotechnology

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Developing a large pool of research and technology data perhaps the most important source of knowledge, which can be shared among professionals to facilitate new technology development. High ranges of environmental friendly materials that have been procured from various resources have ignited significant interest due to their impressive properties of sustainability.

This issue comprises the advancements of green and sustainable nanomaterials research and technology. The designated articles address the fundamentals, important function of nanomaterials and their environmental impacts is important to understand for the development of sustainable technologies. For instance, green technology found to be important and play an important role in improving environmental sustainability. The nano-size innovation and technology are the core steps to address the design, structures, and advanced applications of materials. In this regard, size-dependent research knowledge, awareness, skills, and expertise about the compatibility are important for further progress of nano-scale science and technology.

International Association of Advanced Materials (IAAM) has established an active forum for the emerging environmentally friendly nano-world that is sustainable without any ecological side effect. Beings a principal international organization, IAAM involved in promotion of advanced materials science, engineering, and technology through its wide-reaching network. IAAM creates the knowledge hub to discuss nanotechnology's scientific and technological implications and train a new generation of scientists at all levels. Gradually nanoscale science and engineering will become influential in sustainable research and education and bring significant changes in industrial manufacturing, healthcare, and environmental management. Currently, IAAM associated journals Advanced Materials Proceedings foster knowledge sharing about benefits of nanotechnology coined with environmental compatibility and encourage making perfect protocol for green functions.

With the global sustainability agenda of this decade, there is a need for significant efforts to be devoted towards green or eco-friendly materials such as lightweight, inexpensive, in order to achieve the 2030 agenda of sustainability. The eco-friendly nanofiller has opened up a world of possibilities in diversified industries related to automotive, energy, packaging, and biomedical fields. The technology designed to achieve green energy harvesting and storage is the right direction for sustainable energy system. The recent advances of the sustainable energy storage particularly in the electrochemical energy system best suited to develop a multitude of storage technologies and systems.

*Advanced Materials Proceedings* publishes highly informative scientific articles on non-for-profit publishing model and are available in diamond open access. The popularity of this journal ensues due to enormous efforts of authors, reviewers, readers, and editors. We extend our appreciation and heartfelt thanks to everyone for supporting our shared mission of advancement of materials to sustainable and green world.

**Notes**

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