



## Nanocomposite Materials for Energy, Environment and Sustainable Development

Guest Editor:

**Prof. Dr. Aleksey A. Vedyagin**

Department of Materials Science  
and Functional Materials,  
Boreskov Institute of Catalysis,  
Lavrentiev Ave. 5, 630090  
Novosibirsk, Russia

Deadline for manuscript  
submissions:

**closed (30 September 2023)**

### Message from the Guest Editor

Based on the “The 8th Asian Symposium on Advanced Materials (ASAM-8)” held in Novosibirsk, Russia from the 3<sup>rd</sup> to the 7<sup>th</sup> of July 2023 and organized by the Boreskov Institute of Catalysis (BIC), this special issue is aimed to collect the latest results, progress and remaining challenges related to Advanced Nanocomposite Materials for Energy, Environment and Sustainable Development. Nowadays, nanocomposite materials are widely applied in various fields of science and technology. The scholars working in such areas as materials sciences, catalysis and adsorption, nano- and biotechnologies are welcome to contribute to this Special Issue. The scientific topics are as follows:

- Synthesis and Structure of Advanced Nanocomposites;
- Novel Functional Nanocomposites and Bionanocomposites;
- Application of Nanocomposites in Energy, Optoelectronics, Sensors and Biomedicine

