



## Carbon-Based Polymer Nanocomposites for High-Performance Applications

Guest Editor:

**Prof. Dr. Ana María Díez-Pascual**

Facultad de Ciencias,  
Departamento de Química  
Analítica, Universidad de Alcalá,  
Química Física e Ingeniería  
Química, Ctra. Madrid-Barcelona  
Km. 33.6, 28805 Alcalá de  
Henares, Madrid, Spain

Deadline for manuscript  
submissions:

**closed (10 February 2020)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to offer a forum for the publication of original research/review articles regarding carbon nanomaterial-reinforced polymeric composites. It includes all types of polymeric matrices (i.e., thermoplastics, epoxies, conducting polymers, bio-polymers, etc.) and covers all branches and aspects of new processing techniques, testing methods, and standards, along with their applications. Novel surface modifications of carbon nanomaterials to develop nanocomposites are welcome, as well as the investigation of the advanced, physicochemical properties of the nanocomposites (as compared with conventional materials). Authors are encouraged to submit their original works stressing the applications of the nanocomposites in a variety of fields, such as in electronics, energy storage, automobiles, aerospace engineering, biomedicine, and so forth.

Prof. Dr. Ana María Díez-Pascual  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

## Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

## Contact Us

*Polymers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/polymers](http://mdpi.com/journal/polymers)  
[polymers@mdpi.com](mailto:polymers@mdpi.com)  
[X@Polymers\\_MDPI](https://twitter.com/Polymers_MDPI)