

## Special Issue

# Polymeric Architectures in Water Greening: Challenges, Solutions and Novel Ideas

### Message from the Guest Editor

The synthetic or natural polymers are a fascinating materials class meant to increase the comfort of daily life. The development of polymer structure-composition research continues to inspire advances in materials science, providing cost-effective alternatives in ecological, biological and medical applications. Polymers become a challenging alternative when it comes to materials with an adaptable, controllable wettability. According to the Stockholm Declaration (2011), there is a continuing need to find and develop innovative solutions aimed at greening this precious resource, promoting new techniques to stimulate sustainable economic development by harnessing this "green infrastructure". The topic can be focused, but is not limited, to analytical approach to the experimental and theoretical aspects of design, preparation, processing, characterization and practical implication of polymeric materials/composites systems from macro to nanoscale, regarding: greening of water resources and fundamental understanding of the mechanisms for polymer action in water purification processes.

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### Guest Editor

Prof. Dr. Ana-Maria Albu

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### Deadline for manuscript submissions

closed (10 December 2021)



## Polymers

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### 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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