

## Special Issue

# Self-Cleaning and Antifouling Surfaces

### Message from the Guest Editors

The fouling and contamination of devices, vehicles, and other surfaces come with significant costs in terms of lost efficiency, increased maintenance requirements, need for cleaning, as well as reduced performance and service lifetimes. To address this, self-cleaning and anti-fouling surfaces have been developed, which are less prone to contamination by residues, smudges, or the growth of bacteria, algae, and other microorganisms. As technology advances, the range of devices will continue to expand, and many of these will be employed in environments where they are susceptible to surface contamination. Therefore, the demand for anti-fouling and self-cleaning surfaces will continue to grow. This Special Issue aims to cover recent advances with regard to coatings and surfaces that have been realized in the field of anti-fouling surfaces. We welcome contributions on the prevention of biofouling as well as on the development of liquid- and smudge-repellent surfaces.

**Keywords:**

- anti-fouling surfaces
- foul-release surfaces
- self-cleaning coatings
- surface tension
- contact angles

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2019)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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