



Self-Cleaning and Antifouling Surfaces

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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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Message from the Editor-in-Chief

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