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Environmentally-Friendly Coatings towards Biofouling Control and Microbiologically Influenced Corrosion (MIC) Inhibition

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Message from the Guest Editors

Dear Colleague,

This Special Issue of *Coatings*, "Environmentally Friendly Marine Coatings for biofouling control and Microbiologically Influenced Corrosion Inhibition", will cover the most recent and promising advances in research surrounding marine coatings for the control of biofouling and for inhibiting microbiologically influenced corrosion.

The main topics that this Special Issue of *Coatings* will cover include the following:

- Foul-releasing coatings;
- Antifouling self-healing coatings;
- Non-releasing biocidal coatings;
- Bio-passive-based polymeric coatings (zwitterionic, self-assembled monolayer approaches);
- Bioinspired coatings (incorporating natural and/or new synthesized biomimetic based agents, micro-topographically modified coatings);
- Hybrid and/or multifunctional coatings (amphiphilic/stimuli-responsive systems);
- Sewer concrete coatings.

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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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