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# Advances in Biodegradation of Natural and Synthetic Materials

Guest Editor:

#### Dr. Gerald Sims

Department of Entomology, Plant Pathology and Weed Science, New Mexico State University, Las Cruces, NM 88003, USA

Deadline for manuscript submissions: closed (31 December 2020)

#### Message from the Guest Editor

Herein is proposed an edited book on biodegradation of environmentally relevant substances.Several thematic books published on biodegradation since 2015 were focused on narrow groups of compounds or materials. The proposed book would include contributions of original research and review articles on biodegradation or bioavailability of:

- Synthetic polymers;
- Surfactants and ionic liquids;
- Mycotoxins;
- Natural polymers;
- Pesticides;
- Hydrocarbons and heterocycles;
- Advances in the study of biodegradation;
- Advances in bioremediation technologies;
- Mechanisms and genetics of biodegradation;
- Effects of substances on biodegradation or bioavailability.

The target audience would include professionals in environmental engineering, wastewater treatment, environmental science, regulatory policy, agriculture, soil science, microbiology, and academics engaged in biodegradation research.

**Special**sue







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# **Editor-in-Chief**

#### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy 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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Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/applsci applsci@mdpi.com X@Applsci