

Special Issue

Shooting and Military Activities: A Holistic Approach from Source, Contamination and Remediation

Message from the Guest Editors

Civilian shooting ranges, warfare areas, and military training camps are well-known land degradation hotspots along with territories of former airports, tank polygons, and parking lots. Those locations are often contaminated by trace elements (TEs), oil, and xenobiotics, and sometimes unknowns, which negatively affect soil and water resources, decrease biodiversity, and pose significant health risks. Civilian and military activities cause additional habitat fragmentation and biodiversity loss. The current Special Issue will cover broad framework studies related to aquatic and terrestrial systems: i) contamination and risk assessment; ii) ecotoxicology; iii) impacts of military contamination on human health and biodiversity; and iv) mitigation measures applied to military sites (phytoremediation, phytotechnology, bioremediation; nanomaterials, etc.). Research focused on less-studied topics (e.g., chemical warfare agents, explosive military weapons, hydrocarbons, and oil contamination, etc.) is warmly welcomed. In addition, reviews and research papers, theoretical and practical contributions, and implemented case studies are welcome.

Guest Editors

Dr. Andres Rodriguez-Seijo

Dr. Peter Sanderson

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Deadline for manuscript submissions

closed (20 April 2023)



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About the Journal

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.

Editor-in-Chief

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