Special Issue

Non-Point Source Pollution and Environmental Assessment

Message from the Guest Editor

Non-point source (NPS) pollution involves a variety of pollutants, such as nutrients, pesticides, heavy metals, bacteria/pathogens, and sediments from various diffuse sources. With surface runoff, these pollutants eventually transport into rivers, lakes, wetlands, and aquifers, resulting in contamination of both surface and subsurface systems.

This Special Issue focuses on all aspects related to NPS pollution, monitoring, modeling, and assessment. The topics include, but are not limited to: occurrence and distribution of NPS pollutants in surface water and groundwater, modeling of the fate and transport of NPS pollutants in surface and subsurface environments, watershed water quality modeling (e.g., SWAT modeling), NPS water quality management and environmental assessment (e.g., development of TMDLs and BMPs). It is open to both theoretical and applied studies.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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