Special Issue

Agricultural Non-point Source Pollution Control: From Croplands Management to Water Quality Improvement

Message from the Guest Editor

Ensuring food safety while mitigating agricultural non-point source (AGNPS) pollution presents a great challenge globally. A full time–space governance strategy and chain technology system for source reduction, process retention, nutrient reuse, and water restoration, as well as a comprehensive application scenario at the administrative region or catchment scale, are essential for AGNPS pollution control. This Special Issue will cover a broad range of topics, including critical pollution source area identification; new smart fertilizer and mechanical deep fertilization technology for nutrient loss control; new environmental materials for the removal of N, P, and COD; new innovative ecological engineering technology for improving water quality; nutrient reuse technology; and new management tools or policies for reducing AGNPS pollution. The article is not limited to field experiments and engineering practices; related laboratory mechanism research is also encouraged.

Guest Editor

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Editor-in-Chief

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