Special Issue

Sustainable Management of Livestock Farms for Reducing Environmental Loading of Nutrients

Message from the Guest Editor

The traditional use of livestock manure as a fertilizer to improve soil fertility has been under scrutiny because of the accumulation of manure-borne nutrients in soil and subsequent water pollution. The continuous land application of manure-borne nutrients at a rate higher than what crops can utilize has resulted in the saturation of soil nutrient reserve, which contributes to nutrient loss to surface and ground water via surface runoff and leaching, respectively, leading to unwanted algal bloom in waterbodies and eutrophication. In addition, the intensification of livestock production has caused nutrient surplus on livestock farms and aggravated the issue of spatial variability in soil nutrient status. This Special Issue will publish current research on identifying, developing, and applying sustainable on-farm management strategies to reduce nutrient accumulation on livestock farms and subsequent nutrient loss to the environment. We are also seeking contributions on farmer-friendly but robust methods/tools to quantify nutrient status and utilization efficiency at the farm level.

Guest Editor

Dr. Partha Ray

School of Agriculture, Policy and Development, University of Reading, Reading, Berkshire RG6 6AH, UK

Deadline for manuscript submissions

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/animals

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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