

Special Issue on
**Animal Manure as Fertilizer: Productivity, Food
Composition, and Changes in Soil Attributes**

CALL FOR PAPERS

Animal manure, such as swine, cattle, sheep, and horses, among others, may be used as nutrient source for pastures and annual and perennial crops, increasing the nutrients cycling within agricultural land and reducing the costs with the acquisition of industrial fertilizers. Additionally, over the years it is expected to modify chemical, physical, and biological soil attributes such as increasing the nutrient content in the soil, which can affect crop productivity, change the food composition, and impact on the environment.

Thus, we invite researchers to contribute original papers and review articles about using animal manure as fertilizer and its effect on productivity, food composition, and changes in soil attributes, with application period in the soil of at least five years.

Potential topics include but are not limited to the following:

- ▶ Soil fertility with a history of animal manure application, crop productivity, and impact on food quality
- ▶ Fractions and accumulation of carbon, nitrogen, phosphorus, and heavy metals in areas with animal manure applications
- ▶ Soil aggregation, water retention, and soil permeability in areas with animal manure application
- ▶ Changes in chemical and physical organic matter fractions (fractionation) in soils with a history of animal manure applications
- ▶ Microbiological and biological parameters in soil areas with a history of animal manure applications
- ▶ Manure storage and quality: bearing on soil fertility improvements in areas with animal manure application

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ija/amfp/>.

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First Round of Reviews

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