

Special Issue

Carbon, Nitrogen and Phosphorus Cycling in Cropland and Grassland Ecosystems

Message from the Guest Editor

Biomass production for livestock and human needs has a great influence on nutrient cycles. Relating production and environmental quality requires, thus, a detailed evaluation of emerging production systems and C–N–P cycles in agro-ecosystems. To improve this, we are inviting papers focusing on research on C–N–P cycles and balances in agro-ecosystems in this Special Issue.

Submissions on (but not limited to) the following topics are invited: (i) Plant–soil interactions that mediate CNP cycling (i.e., coupling and decoupling processes), (ii) C–N–P cycling in agro-ecosystems linked to management and climate (e.g., cropping systems, rotation, intensification, grazing vs. mowing), (iii) linking arable cropping and livestock production to improve CNP cycling (e.g., integrated system); (iv) advanced techniques for nutrient supply scheduling; and (v) decision support tools for nutrient diagnostics and modeling.

Guest Editor

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Deadline for manuscript submissions

closed (1 June 2020)



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Editor-in-Chief

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