Avoiding Feed–Food Competition in Livestock Systems: Towards a Sustainable Food System

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closed (31 July 2020)

Message from the Guest Editor

It is widely recognized that food production—especially animal production—generates a broad range of environmental impacts, increasing the pressure on the Earth's systems. The global animal sector is responsible for about 60% of all human-based greenhouse gas emissions from the food system and uses about 40% of all crop land. This crop land is used to produce high-quality feed products that humans could also eat, resulting in a competition for land between feed and food production. As the global population grows, becomes wealthier, and demands more animal products, feed–food competition is likely to worsen. This will further threaten the Earth's systems, as expansion of land leads to many adverse and irreversible environmental consequences.

Original manuscripts that address strategies to avoid feed–food competition are invited for this Special Issue. In particular, aspects such as alternative feeding strategies (e.g., insects or food waste), new concepts/methods to address feed–food competition on a food-systems level, and the effect of avoiding feed–food competition on dietary changes are welcome.

Special Issue

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Message from the Editor-in-Chief

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