



## Agriculture 4.0 as a Sustainability Driver

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### Message from the Guest Editors

In a global scenario of increasing environmental and economic pressure, agriculture is facing many challenges. In particular, climate change is likely to mean lower yields, increased pests and diseases and food insecurity. Henceforth, to achieve the food production requirements for the growing world population, which is predicted to reach 10 billion people by 2050, there is an urgent need to implement farming practices based on a new paradigm, integrating automation, artificial intelligence and digitalization for eco-friendly sustainable crop production, including weeding and pest control. In this way, traditional agriculture based on engine power will be assisted with precision by automated equipment and robotics (FAO).

The aim of this Special Issue is to assemble innovative research on sustainable approaches for agricultural management in the context of Agriculture 4.0 aiming at the profitability of conserved and restored ecosystems. Original research articles and concepts for review articles to address major issues are welcome.





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## Message from the Editor-in-Chief

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