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Advances of the Biosystems Engineering

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Message from the Guest Editors

Biosystems engineering is a relatively recent name for a specialization that has developed naturally for years from traditional Agricultural Engineering, which, in this case, emphasizes even more so the concepts of sustainability and the relationship with the environment in biosystems engineering.

Therefore, this Special Issue is to gather together the knowledge and research experience in the use of science, both pure and applied, and the principles of engineering for the design of buildings, devices, equipment and materials for production, processing and management of agricultural and aquaculture systems, ecosystem services, by-products and waste and natural resources—soil, water, air and energy. Solutions for the production, storage, transport, processing and packaging of agricultural and aquaculture products are also included. All of the above will additionally consider environmental sustainability. Selected works from the XI Congreso Iberico de AgroIngeniería will also be included.

Keyword: energy; irrigation; mechanization; building; environmental sustainability; territory; greenhouse; animal production; aquaculture; agrifood; automation; by-products



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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