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New Advances in Hydroponics and Aquaponics for Urban Agriculture

Guest Editors:

Prof. Dr. M. Haïssam Jijakli

Integrated and Urban Plant
Pathology Research Laboratory,
Gembloux Agro-Bio Tech,
University of Liège, 4000 Liège,
Belgium

Prof. Dr. Ranka Junge

Institute of Natural Resource
Sciences, Zurich University of
Applied Sciences,
Grüntalstrasse 14, 8820
Wädenswil, Switzerland

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Message from the Guest Editors

Hydroponics production has been evolving for more than 90 years. From the 1950s to the early 2000s, most of the developments were achieved in the context of intensive, high tech, and large scale production. These improvements resulted in a very productive sector that made efficient use of water and nutrients.

More recently, various innovative strategies have been explored in order to adapt hydroponics to urban and peri-urban environments all over the world. This exploration involves the drastic diversification of the techniques, space occupation, social, and economic models. The lack of space in cities has stimulated the development of vertical systems, small scale farms, and the occupation of new spaces such as building basements, rooftops, and containers. The level of technicality was either increased in order to obtain higher productivity and efficiency or otherwise simplified to decrease the cost while maintaining production... For more details, please see:

https://www.mdpi.com/journal/water/special_issues/Hydroponics_Aquaponics



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Special Issue



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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

Message from the Editor-in-Chief

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Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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