Special Issue

Rainwater Harvesting to Improve Agricultural Sustainability in Global Drylands

Message from the Guest Editors

Drylands cover nearly half of all terrestrial land surfaces, of which 72% are in developing countries and support over a quarter of the global population's living space. They are the main contributor to global food production and a variety of fruit trees. However, water scarcity in drylands greatly constrains agricultural productivity, particularly in undeveloped rural areas where sophisticated irrigation systems are a luxury. Therefore, efficient use of rainwater through rainwater harvesting technologies (RHTs) is an effective avenue to alleviate water stress and improve agricultural productivity, which could contribute to several Sustainable Development Goals such as SDG 2, SDG 6, and SDG 15. We invite multidisciplinary contributions that develop new RHTs and/or improve understanding of the effect and mechanism of RHTs in promoting agricultural sustainability in global drylands.

Guest Editors

Prof. Dr. Xining Zhao

Dr. Xiaodong Gao

Dr. Baoqing Zhang

Prof. Dr. Bing Cheng Si

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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