



Advances in New Technologies of Water Harvesting and Sustainability

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Message from the Guest Editor

This Special Issue focuses on the advances in technologies for sustainable water harvesting. It deals with the recent technologies for water collection, including the technologies about water harvesters, working principles, investigation on the mechanisms of the water collection process, physical modeling of the collection efficiency, design of materials structures, and mechanical designs of future harvesters. It also addresses the resources of water, i.e., rain, fog, dew, even air, desalination of seawater, water safety, recycling technologies, deployment of water collectors, economical installment and maintenance, local applications, water management, investigations on the manufactures for massive production.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Bio-inspired materials and interfaces;
- Mechanical design of water collectors;
- Advanced technologies and techniques;
- Fluid mechanics and dynamics;





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