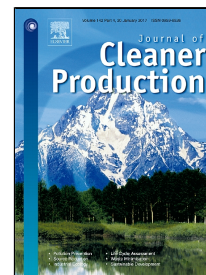


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Design of optimal tank size for rainwater harvesting systems through use of a web application and geo-referenced rainfall patterns



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DESIGN OF OPTIMAL TANK SIZE FOR RAINWATER HARVESTING SYSTEMS THROUGH USE OF A WEB APPLICATION AND GEO-REFERENCED RAINFALL PATTERNS

Highlights

Hydrology, Statistics and GIS were regarded in order to develop software with a multidisciplinary approach.

This informatics tool has an interface through web access but geographically constrained.

The web application was used for 9 scenarios in urban areas of Mexico.

Water savings up to 46,500 L were reached in the assessment for average conditions.

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