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Rainwater harvesting as an alternative water resource in Malaysia: potential, policies and development

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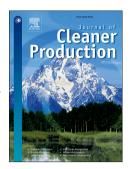
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ACCEPTED MANUSCRIPT

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14	ABSTRACT
15	Some regions in Malaysia is facing water scarcity problem nowadays despite Malaysia has
16	high quantity of water resources. The increasing water demand has triggered the initiatives to
17	look for alternative water supply. Rainwater harvesting was proposed by the government as
18	part of the solutions to mitigate water scarcity problem. Literatures associated with rainwater
19	harvesting were obtained from various sources. These literatures were reviewed and have
20	been instrumental to analyze the potential, policies and development of rainwater harvesting
21	in Malaysia. This article discusses the potential of rainwater harvesting in Malaysia under the
22	dynamic climate as a case study. The challenges of rainwater harvesting development in
23	terms of environment, policy, economy, social and technical are pointed with the way
24	forward for rainwater harvesting. It is anticipated that rainwater harvesting is going to play
25	the role as an alternative water resource in the country. In order to promote rainwater

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