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## **International Journal Publications: (Last 5 Years)**

[Enhancement of PV/T-integrated single slope solar desalination still productivity using water film cooling and hybrid composite insulation](#)

GB Balachandran, PW David, ABP Vijayakumar, MM Athikesavan, ...  
Environmental Science and Pollution Research 27 (26), 32179-32190, 2020

[Experimental study on tubular solar still using Graphene Oxide Nano particles in Phase Change Material \(NPCM's\) for fresh water production](#)

AE Kabeel, R Sathyamurthy, AM Manokar, SW Sharshir, FA Essa, ...  
Journal of Energy Storage 28, 101204, 2020

[Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector](#)

AM Manokar, M Vimala, R Sathyamurthy, AE Kabeel, DP Winston.  
Environment, Development and Sustainability 22 (5), 4145-4167, 2020

[Effect of water depth and insulation on the productivity of an acrylic pyramid solar still—an experimental study](#)

AM Manokar, Y Taamneh, DP Winston, P Vijayabalan, D Balaji, ...  
Groundwater for Sustainable Development 10, 100319, 2020

[Experimental studies on passive inclined solar panel absorber solar still](#)

C Sasikumar, AM Manokar, M Vimala, DP Winston, AE Kabeel  
Journal of Thermal Analysis and Calorimetry 139 (6), 3649-3660, 2020

[Use of solar photovoltaic with active solar still to improve distillate output: A review](#)

K Pansal, B Ramani, K kumar Sadasivuni, H Panchal, M Manokar, ...  
Groundwater for Sustainable Development 10, 100341, 2020

[Polluted groundwater treatment in southeastern Algeria by solar distillation](#)

A Khechekhouche, B Benhaoua, MEH Attia, Z Driss, A Manokar, ...  
Algerian Journal of Environmental Science and Technology 6 (1), 2020

[Sand dunes effect on the productivity of a single slope solar distiller](#)

A Khechekhouche, B Benhaoua, M Manokar, R Sathyamurthy, Z Driss  
Heat and Mass Transfer 56 (4), 1117-1126, 2020

Use of solar photovoltaic with active solar still to improve distillate output: A review

K Pansal, B Ramani, K kumar Sadasivuni, H Panchal, M Manokar, ...

Groundwater for Sustainable Development 10, 100341, 2020

Building integrated photovoltaic modules and the integration of phase change materials for equatorial applications

A Karthick, K Kalidasa Murugavel, K Sudalaiyandi, A Muthu Manokar

Building Services Engineering Research and Technology 41 (5), 634-652, 2020

Rehash of cooked oil for the palatable water production using single slope solar still

AMM Gurukarthik Babu Balachandran, Prince Winston David, Padmanaban ...

Fuel 271, 2020

Investigation on heat transfer enhancement of conventional and staggered fin solar air heater coated with CNT-black paint—an experimental approach

B Madhu, R Sathyamurthy, SW Sharshir, AM Manokar, PR Raghavendran, ...

Environmental Science and Pollution Research, 1-19, 2020

Extraction of drinking water from modified inclined solar still incorporated with spiral tube solar water heater

Y Taamneh, AM Manokar, MM Thalib, AE Kabeel, R Sathyamurthy, ...

Journal of Water Process Engineering 38, 101613, 2020

Sustainable potable water production from conventional solar still during the winter season at Algerian dry areas: energy and exergy analysis

MEH Attia, A Karthick, AM Manokar, Z Driss, R Sathyamurthy, M Sharifpur

Journal of Thermal Analysis and Calorimetry, 1-11, 2020

Year around distilled water production, energy, and economic analysis of solar stills—A comparative study

A Muthu Manokar, M Vimala, D Prince Winston, DR Rajendran, ...

Heat Transfer 49 (6), 3651-3662, 2020

A study of life cycle conversion efficiency and CO<sub>2</sub> role in the pyramid shape solar stills—Comparative analysis

S Arun Kumar, P Suresh Mohan Kumar, R Sathyamurthy, AM Manokar, 2020

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Gurukarthik Babu\*, D. Prince Winston, P.V. Aravind Bhaskar, A.E. Kabeel, **A. Muthu Manokar**, Ravishankar Sathyamurthy, “Enhancement of PV /T integrated single slope solar desalination still productivity using water film cooling and hybrid composite insulation.”, *Environmental Science and Pollution Research*, ISSN:1614-7499, **Springer**, 23 August **2019**, **Impact Factor: 2.914**, <https://doi.org/10.1007/s11356-019-06131-9>

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A.E. Kabeel\*, **A.Muthu Manokar\***, Ravishankar Sathyamurthy, D.Prince Winston, [Elsayed Elagouz](#) and [Ali Chamkha](#), “A review on different design modifications employed in inclined solar still for improving the yield of fresh water”, *Journal of Solar Energy Engineering: Including Wind Energy and Building Energy Conservation*, ISSN: 0199-6231, **ASME**, Volume 141 (3), pages 031007-031010, **June 2019**, **Impact Factor: 1.367**, **doi: 10.1115/1.4041547**

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