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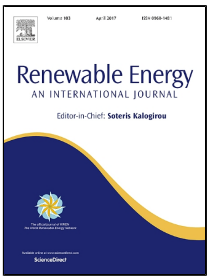

Solar water heating system and photovoltaic floating cover to reduce evaporation: Experimental results and modeling

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Highlights:

- An experimental study on a novel system solar water heating system is described.
- Water evaporation reduction was achieved through floating modules.
- Photovoltaic cells mounted on floating modules can be used in small copper processing plants at remote locations.
- Meteorological data over eight months of continuous operation were in very good agreement with measured data.

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