



# CASE STUDIES

## SOLAR WATER HEATER PROJECT

A project in Nepal has been using a Skye pyranometer to measure solar radiation. The team are working in Naamche (3,900 metres above sea level) in the Solukhumbu region of Nepal, the gateway to Mount Everest.

The project has been assessing the performance of 3 anti-freeze solar water heaters (SWH) on the community hot water shower building in Naamche. The project has also been supplying cheap hot water to locals and porters who are working with trekkers in the region. Helping them to keep clean and warm in this hostile climate.



Thanks to Mr. Shreekar Pradhan, Center for Energy Studies, Tribhuvan University, Nepal for contributing this article  
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### Equipment used:

A Skye Pyranometer has been used in this project. The sensor is available with various outputs including voltage and 4-20 mA, which makes it compatible with all Skye display meters and loggers and also other manufacturers loggers and controllers. Please contact Skye for more information on this sensor and outputs.



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