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LESSONS FROM FIELD EXPERIENCES WITH PHOTOVOLTAIC PUMPING SYSTEMS IN TRADITIONAL COMMUNITIES

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Abstract:

It is usually taken for granted that photovoltaic pumping technology is well established, presenting a high degree of reliability. However. it is often the case that traditional communities' water supply projects based on photovoltaic pumping systems are flawed because issues related to the local specificities and technology transfer methods are not taken into account. This work makes plain that the conception of the project, availability of water, system configuration, estimation of water demand, technology transfer process, and form of management can be decisive for the longevity of a project.

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