Uncertainties in PV System Yield Predictions and Assessments

A Technical Report of PVPS Task 13

We provide insights into the field of uncertainties of several technical aspects of PV system yield prediction and assessment:

- The solar resource, including long term trends
- PV module properties
- PV system output and performance, again including long term effects

Our effort tries to standardize the procedure of uncertainty calculation of predicted PV energy yields in order to properly estimate financial investment risks.