**Title** : Literature review for “Photovoltaic (PV) power and solar radiation forecasting”

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**Description**: The following is a brief summary of the relevant and related literature review on the subject

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| Articles / Papers | Methodology and model architecture | Dataset used | Best scores |
| [Photovoltaic power and solar radiation forecasting](https://sci-hub.st/https:/aip.scitation.org/doi/abs/10.1063/5.0014016)  **Authors**: Yuhao Nie *et al.* | Based on 2-stage classification-prediction architecture: the model first classifies input images into 3 sky conditions (sunny, cloudy, overcast) and then the classified images are sent to sky-condition-specific sub-model for PV output prediction. | 102885 sky images (down-scaled to 64 X 64 pixels) and PV power outputs. | RMSE = 7,3 % (2.20 kW error over 30 kW rated PV array, on a test set comprising 18 complete days, 9 sunny and 9 cloudy) |
| [Photovoltaic power prediction of LSTM model based on Pearson feature selection](https://www.sciencedirect.com/science/article/pii/S2352484721009768?via%3Dihub)  **Authors**: Hailang Chen *et al.* | Pearson coefficients were used for correlation tests (Pearson feature selection) to remove irrelevant features such as ambient temperature, relative temperature and solar irradiance and the remaining features were modeled using a LSTM network to predict the PV power output for the next hour. | PV metering station data (temperature, wind speed, PV panels temperature, humidity, total radiation, barometric pressure, power indicators): 3142 sets for training and 3142 sets for testing | RMSE = 15% (with 10 MW rated PV array. 12,1% under sunny conditions and 18,1% under cloudy conditions) |
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