

Glossaire des acronymes

CIMO	Commission des Instruments et des Méthodes d'Observation
WMO	World Meteorological Organization
AU	Astronomical Unit
LT	Local Time
GMT	Greenwich Mean Time
TST	True Solar Time
UT	Universal Time
LST	Local Standard Time
PR	Performance Ratio
DC /AC	Direct Current / Alternative Current
PV	Photovoltaic
ESRA	European Solar Radiation Atlas
K_{cs}	Clear Sky index
AR	Autoregressive
MA	Moving Average
ARMA	Autoregressive Moving Average
ARIMA	Autoregressive Integrated Moving Average
SARIMA	Seasonal Autoregressive Integrated Moving Average
ARX	Autoregressive with exogenous variables
ARMAX	Autoregressive Moving Average with exogenous variables
VAR	Vector AR
ANN	Artificial Neural Networks
MLP	Multi Layer Perceptron
ELM	Extreme Learning Machines
RBF	Radial Basis Functions
ENN	Elman Neural Networks
kNN	k-Nearest Neighbors
SVM	Support Vector Machine
SVR	Support Vector Regression
RF	Random Forests
EWMA	Exponentially Weighted Moving Average

MLFFNN	Multilayer Feedforward Neural Network
GRNN	Generalized Regression Neural Network
ANFIS	Adaptive-Network-based Fuzzy Inference System
TDNN	Time Delay Neural Network
AdaBoost	Adaptive Boosting
TSI	Total Satellite Image
DWT	Discrete Wavelet Transform
MSE	Mean Squared Error
MAE	Mean Absolute Error
MBE	Mean Bias Error
RMSE	Root Mean Squared Error
NMSE	Normalized Mean Squared Error
SA	Simple Average
EB	Error-Based
LSR	Least-Squares Regression,
DW	Differential Weighting
OP	Outperformance
K – S	Kolmogorov – Smirnov
W-L-T	Win-Lose-Tie
GHI	Global Horizontal Irradiation
CS	Clear Sky