

What is Solargis data?

Solargis data is available for past,present,and future periods and is updated in real time. We can meet your energy assessment needs from project conception to routine daily management. Our team has more than 20 years of experience in solar resource assessment and PV energy modeling.

What can Solargis do for You?

Discover Solargis' solutions for all stages of the solar power plant lifecycle. From site selection and yield simulation to designing,monitoring,and forecasting,our software and data ensure you get the right insights. Scan and compare tens or even hundreds of potential sites. Get an in-depth analysis of those with the highest solar potential.

Is Solargis a reliable solar database?

Multiple independent studies have confirmed Solargis to be the most reliable solar database. Quality of our data can be transparently verified at any location. Our methodologies are peer-reviewed and published. Solargis data and services are available for 99% of the world's population and cover a 30-year history.

What is Solargis based on?

SolarGIS is based on more than 10 years of R&D,international collaboration,and experience with previous projects,such as PVGIS. The system consists of high-resolution database of solar radiation and air temperature (which are operationally calculated for Europe,Africa,Asia and Brazil) and some other auxiliary parameters.

What is quantarctica (QGIS + Antarctica)?

Quantarctica (QGIS +Antarctica) was first developed for in-house use at the Norwegian Polar Institute,as a tool for our glaciologists. There was a need for a low or no cost complete GIS with essential datasets -- ready-to-use,easy-to-use,functionality rich and with offline capabilities.

How does Solargis work?

SolarGIS offers historical averaged data,as well as time series for a selected time period and temporal resolution up to the recent history for any selected location. A user can choose different periods and data parameters (global,direct diffuse,radiation,temperature,etc.) and time scales:

The map below shows the sites at which the Solargis GHI time series was validated against the ground-measured data. By clicking on a site, its details can be displayed, including the basic site characteristics, and the validation statistics - bias, Root Mean Square Deviation (RMSD), and the number of valid data pairs.

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We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 1.6 MB. Poster Map. English TIF, 39.3 MB. Global Horizontal Irradiation Medium Size. English PNG, 1.6 MB. Poster Map. English TIF, 37.1 MB. Photovoltaic Electricity Potential

We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 4.6 MB. Poster Map. English TIF, 123.6 MB. Global Horizontal Irradiation Medium Size. English PNG, 4.4 MB. Poster Map. English TIF, 115.6 MB. Photovoltaic Electricity Potential

At Solargis, we provide extensive and accurate weather information, with a specific focus on those developing or operating PV power plants. The site's solar and weather conditions have a direct impact on the performance throughout the entire lifecycle of a PV project--from site selection to design, financing, and power plant operations and maintenance.

GeoModel Solar rebranded to Solargis. 2017: Launch of the Global Solar Atlas developed by Solargis as part of the World Bank Group's ESMAP initiative. 2018: Solargis API is released. 2019: The Solargis Prospect app is launched, making the pre-feasibility phase easier and more reliable. The app also features a set of high-resolution maps that ...

After a quality assessment is performed, the users of Solargis Analyst can generate a PDF report and XLSX tables with the results of the quality assessment. The report provides a summary of quality assessment results, and comparison statistics including the most representative graphs and tables, together with information about the measuring ...

We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 3.1 MB. Poster Map. English TIF, 46.6 MB. Global Horizontal Irradiation Medium Size. English PNG, 3.1 MB. Poster Map. English TIF, 47.1 MB. Photovoltaic Electricity Potential

Take Solargis GIS and array-oriented data and perform your own spatial analysis, develop your own algorithms, or simply add the data to your spatio-temporal data pool. You can use Solargis solar resource, PV, or climate raster data in GeoTIFF (for aggregated data) and NetCDF (for time series data) formats. ...

We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 1.9 MB. Poster Map. English TIF, 61.8 MB. Global Horizontal Irradiation Medium Size. English PNG, 1.7 MB. Poster Map. English TIF, 58 MB. Photovoltaic Electricity Potential

El software y los datos meteorológicos y de radiación solar más precisos para la prefactibilidad, la estimación del rendimiento energético, la supervisión y la previsión de la producción fotovoltaica.

Solargis offers 3 type of hourly datasets that can be used for simulation of expected energy output for P50, P90, and other Pxx scenarios. Description and sample data files for each data type is given below: Historical time series comprises the whole time period available (data from year 1994/1999/2007 to the present time). If expressed in ...

We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 2 MB. Español PNG, 2 MB. Poster Map. English TIF, 35.7 MB. Español TIF, 54.5 MB. Global Horizontal Irradiation Medium Size. English PNG, 2 MB. Español PNG, 2 MB.

Solar Resource & Meteo Assessment Site Adaptation of Solargis Models Quality Control of Solar & Meteo Measurements Customized GIS Data PV Energy Yield Assessment PV Performance Assessment PV Variability & Storage Optimization Study ...

Web: <https://gmchrzaszcz.pl>