

# Documentation

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## Data coverage and resolution

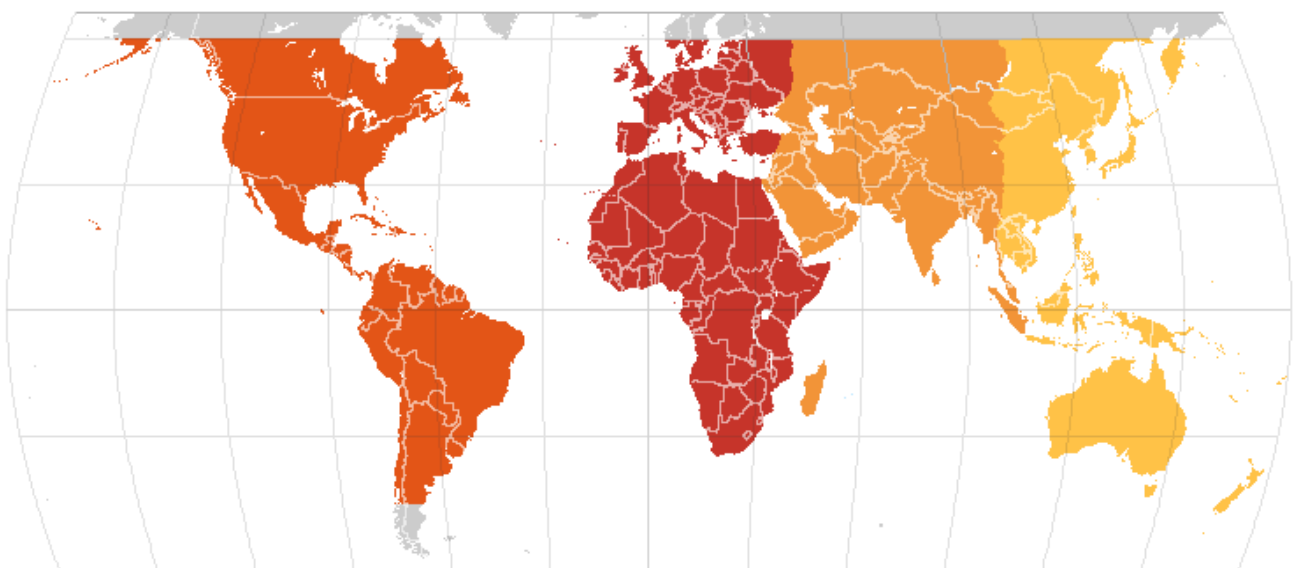
Prospect

Evaluate

Monitor and satellite-based nowcasting

Forecasts based on Numerical Weather Prediction (NWP) models

## Prospect

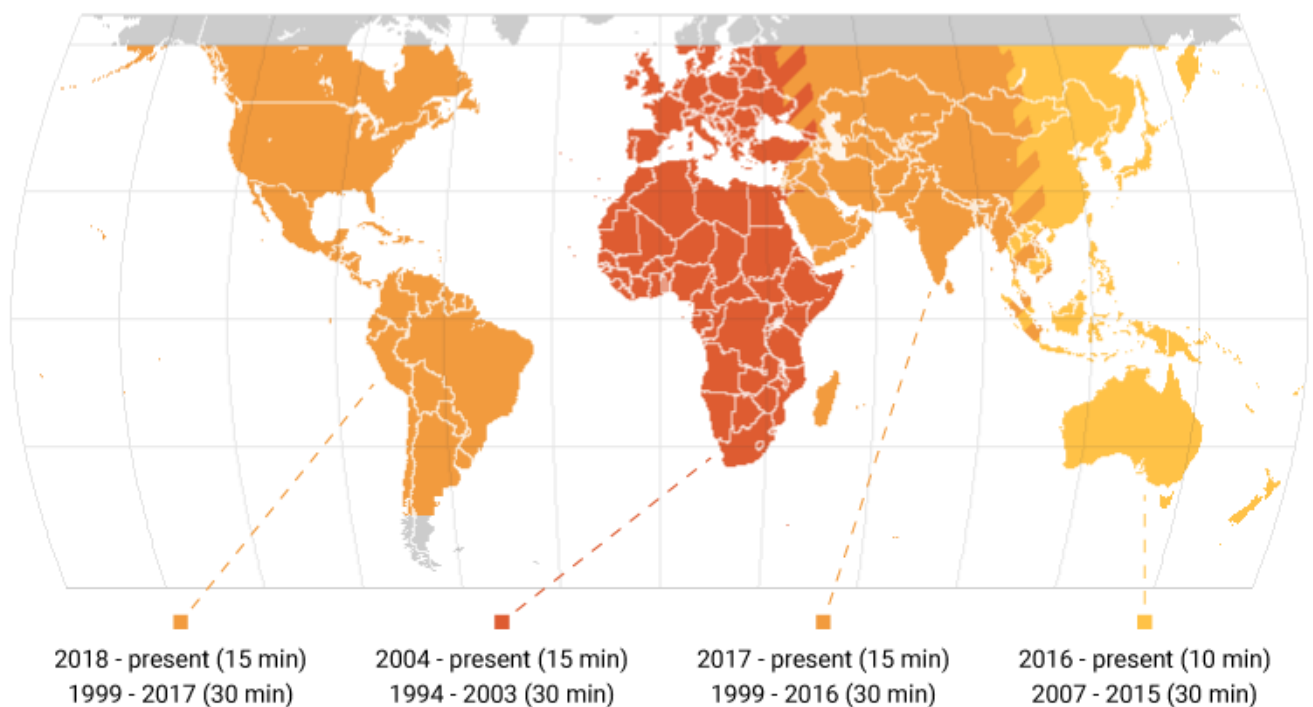


Present temporal coverage of solar resource data in Prospect application

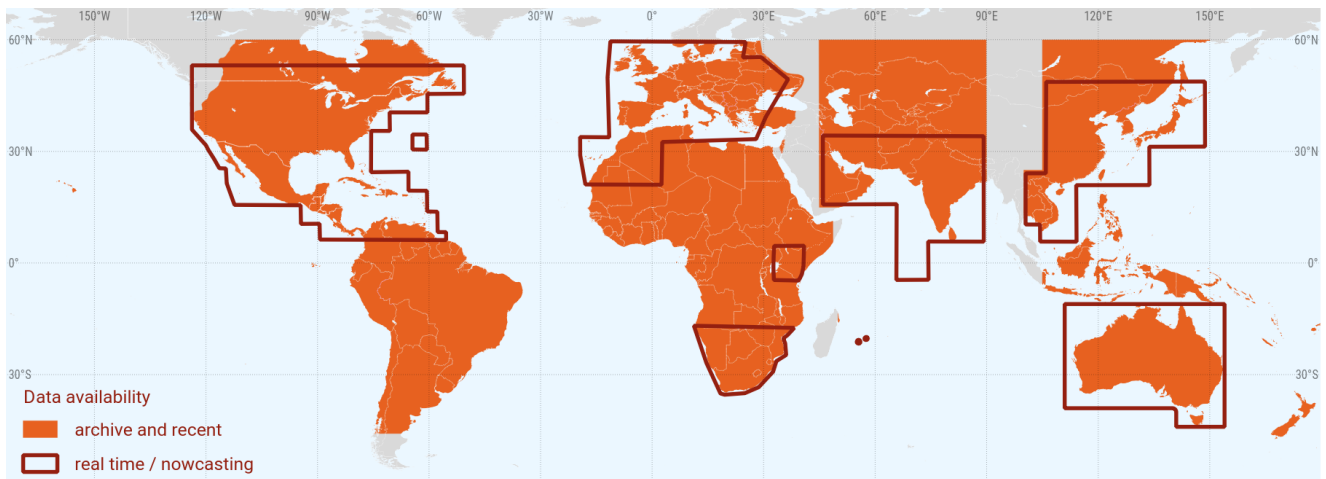
■ 1999-2018 ■ 1994-2018 ■ 1999-2018 ■ 2007-2018 ■ no data

Solargis data coverage (geographical and temporal) and resolution varies by product. Below is an overview of the data coverage for each solution category.

## Evaluate

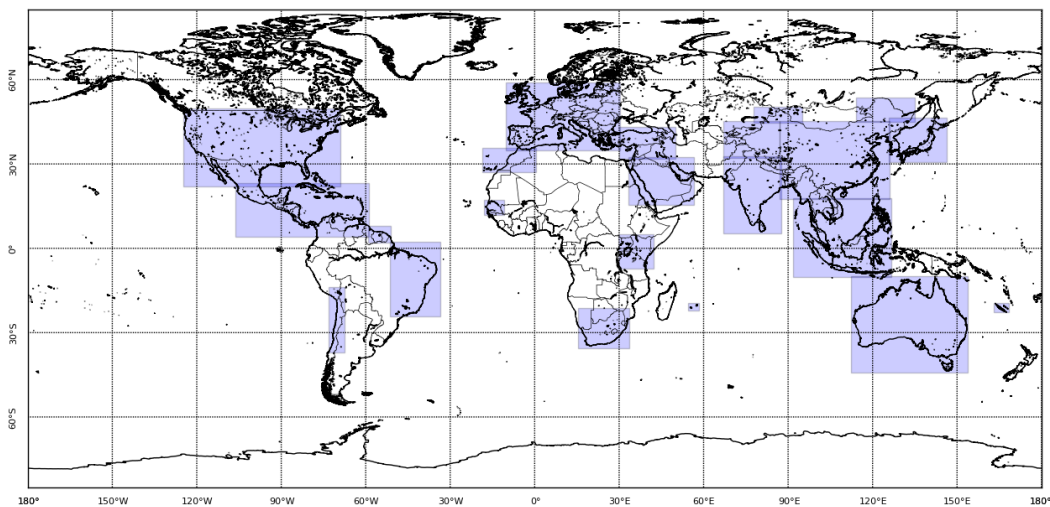


## Monitor and satellite-based nowcasting



Coverage of real-time data and nowcasting service can be extended upon request.

## Forecasts based on Numerical Weather Prediction (NWP) models



Last updated: January 2019

- For regions shown in violet colour, forecasts from the IFS model (from ECMWF, UK) are used as the primary input.
- For the rest of the world (in white colour) lower resolution global forecasting data from GFS model (NOAA, USA) is used.

Coverage of the violet region, for which IFS forecasts are used, can be extended upon request.

## ▼ Getting started

[What can you do with Solargis? \(/docs/getting-started/why-solargis\)](/docs/getting-started/why-solargis)

[User account management \(/docs/getting-started/user-account\)](/docs/getting-started/user-account)

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[Meteorological models \(/docs/methodology/meteo-data\)](/docs/methodology/meteo-data)

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[PV energy modeling \(/docs/methodology/pv-energy-modeling\)](/docs/methodology/pv-energy-modeling)

[Site-adaptation of Solargis data \(/docs/methodology/site-adaptation\)](/docs/methodology/site-adaptation)

[TMY generation \(/docs/methodology/tmy-generation\)](/docs/methodology/tmy-generation)

[Stochastic generation of 1-minute solar radiation data \(/docs/methodology/1-minute-solar-data\)](/docs/methodology/1-minute-solar-data)

[Terrain data \(/docs/methodology/terrain\)](/docs/methodology/terrain)

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[Validation and uncertainty of solar resource data \(/docs/accuracy-and-comparisons/overview\)](/docs/accuracy-and-comparisons/overview)

[Independent comparisons \(/docs/accuracy-and-comparisons/independent-comparisons\)](/docs/accuracy-and-comparisons/independent-comparisons)

[Validation of meteorological data \(/docs/accuracy-and-comparisons/meteo-data-accuracy\)](/docs/accuracy-and-comparisons/meteo-data-accuracy)

[Validation of albedo data \(/docs/accuracy-and-comparisons/albedo\)](/docs/accuracy-and-comparisons/albedo)

[Combining model uncertainty and uncertainty because of interannual variability \(/docs/accuracy-and-comparisons/combined-uncertainty\)](/docs/accuracy-and-comparisons/combined-uncertainty)

[Meteonorm vs Solargis \(/docs/accuracy-and-comparisons/meteonorm-vs-solargis\)](/docs/accuracy-and-comparisons/meteonorm-vs-solargis)

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## ▼ Product guides

- ▶ [Prospect](#)
- ▶ [pvPlanner](#)
- ▶ [Time series and TMY data](#)
- ▶ [FTP and Web Services](#)

## ▼ Integrations

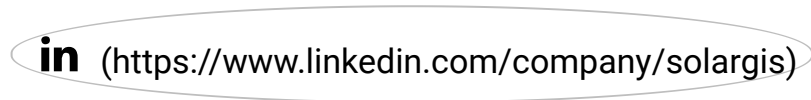
[Third-party software and Solargis \(/docs/integrations/solargis-in-third-party-software\)](/docs/integrations/solargis-in-third-party-software)

[Solargis data in PVsyst \(/docs/integrations/pvsyst\)](/docs/integrations/pvsyst)

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[Solargis data in SAM \(/docs/integrations/nrel-sam\)](/docs/integrations/nrel-sam)

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