

Data identification

Title	Longterm yearly average of Potential photovoltaic electricity production – Malaysia - Global Solar Atlas 2.0
Date	2019-10
Date type	Publication
Abstract	Longterm yearly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, , covering a period from 1999 to 2018 in the Peninsular Malaysia (west) and from 2007 to 2018 in the Malaysian Borneo (east of the country)
Purpose	Assessment of PV power production potential for a free standing PV power plant with modules mounted at optimum tilt to maximize monthly PV production
Unique resource identifier	8bcda9a7-f53a-53e7-1791-3be04db290f7
Supplemental information	This data layer represents an output from the Solargis global solar model. It has been delivered for the Global Solar Atlas (https://globalsolaratlas.info/), online platform funded by the Energy Sector Management Assistance Program (ESMAP), a multi-donor trust fund administered by The World Bank, under a global initiative on Renewable Energy Resource Mapping.
Keywords	Solar resource data, PVOUT, Potential photovoltaic electricity production, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas
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Role	Originator
Topic category	Climatology, meteorology, atmosphere

Extent

Geographic bounding box

West bound	98.0
East bound	120.0
South bound	0.0
North bound	8.0

Spatial resolution

Units	arc-sec
Distance	30.0

Lineage

Statement	Potential photovoltaic electricity production is calculated by Solargis algorithms
Description	PVOUT calculated by Solargis algorithms and data. Main inputs: Global irradiation at optimum tilt (GTI) and air temperature (TEMP)

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Organisation name	Solargis
Role	Originator
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