

Data identification

Title	Optimum tilt of photovoltaic modules – Pakistan
Date	2017-03
Date type	Publication
Abstract	Data layer represents Optimum angle (OPTA)
Purpose	Optimum tilt to maximize yearly PV production
Unique resource identifier	ca3cbe64-7b76-4f42-3ae8-fcfe8df7a446
Supplemental information	This data layer is an auxiliary information to the global Solargis solar resource data. It has been delivered for 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. The uncertainty of the solar resource data has been reduced by regional model adaptation based on ground measurements collected at nine solar meteorological stations in Pakistan, funded by The World Bank in years 2014 to 2017.
Keywords	Solar resource data, OPTA, optimum tilt, World Bank, ESMAP, Pakistan
Legal constraints	Copyright: Solar resource data © 2017 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO)

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Role	Owner

2. Point of contact

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Role	Originator

Topic category	Climatology, meteorology, atmosphere
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Extent

Geographic bounding box

West bound	60.0
East bound	80.0
South bound	23.0
North bound	38.0

Spatial resolution

Units	arc-sec
Distance	120.0

Lineage

Statement	Optimum angle is calculated by Solargis algorithms
Description	Global irradiation at optimum tilt (GTI), air temperature (TEMP) by Solargis

File identifier	09629208-b45e-232f-f9b2-4d272a9d447d
Metadata language	eng
Character set	UTF8

Metadata author

Organisation name	Solargis
Role	Originator
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