

## Data identification

Title	Optimum tilt of photovoltaic modules – Turkmenistan - Global Solar Atlas 2.0
Date	2019-10
Date type	Publication
Abstract	Data layer represents Optimum angle (OPTA)
Purpose	Optimum tilt to maximize yearly PV production
Unique resource identifier	86403f1e-7bf3-5253-6e2c-a1faf6b5ab9e
Supplemental information	This data layer represents an output from the Solargis global solar model. It has been delivered for the Global Solar Atlas ( <a href="https://globalsolaratlas.info/">https://globalsolaratlas.info/</a> ), 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, OPTA, optimum tilt, Solargis, World Bank, ESMAP, Global Solar Atlas
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## 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	51.0
East bound	66.9999999998
South bound	35.0
North bound	42.9999999999

## Spatial resolution

Units	arc-sec
Distance	119.999999999

## Lineage

Statement	Optimum angle is calculated by Solargis algorithms
Description	OPTA calculated by Solargis algorithms and data. Main inputs: Global horizontal irradiation (GHI), direct normal irradiation (DNI)

File identifier	b50a1169-123a-ccfa-70a8-00d1fc610f61
Metadata language	eng
Character set	UTF8

## Metadata author

Organisation name	Solargis
Role	Originator
Date stamp	2019-10-20T03:22:29