

## Data identification

Title	Optimum tilt of photovoltaic modules – Kazakhstan - 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	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 ( <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	46.0
East bound	87.9999999996
South bound	40.0
North bound	55.9999999998

## 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	86531716-4bb0-a80d-bf96-59478f6485f1
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## Metadata author

Organisation name	Solargis
Role	Originator
Date stamp	2019-10-20T01:18:46