

## Data identification

Title	Longterm yearly average of global irradiation at optimum tilt -United Arab Emirates - Global Solar Atlas 2.0
Date	2019-10
Date type	Publication
Abstract	Longterm yearly average of global irradiation at optimum tilt (GTI) in kWh/m2, covering the period 1999-2018
Purpose	Assessment of solar resource for PV technologies
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, GTI, global irradiation at optimum tilt, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas
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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	57.0
South bound	22.0
North bound	27.0

## Spatial resolution

Units	arc-sec
Distance	9.0

## Lineage

Statement	Global irradiation at optimum tilt is calculated by Solargis algorithms
Description	GTI 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	2019-10-20T03:53:58