

## Data identification

|                            |   |
|----------------------------|---|
| Title                      | Optimum tilt of photovoltaic modules – Bhutan - 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 | f77ee689-aa71-fcb7-ba42-53c7933dfdb7  |
| 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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| Role              | Originator                                     |

|                |                                      |
|----------------|--------------------------------------|
| Topic category | Climatology, meteorology, atmosphere |
|----------------|--------------------------------------|

## Extent

### Geographic bounding box

|             |      |
|-------------|------|
| West bound  | 88.0 |
| East bound  | 93.0 |
| South bound | 26.0 |
| North bound | 29.0 |

## Spatial resolution

|          |         |
|----------|---------|
| Units    | arc-sec |
| Distance | 120.0   |

## 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   | d9a9fa4d-3ccf-2ea4-4c01-a9263cd7ef1b |
| Metadata language | eng                                  |
| Character set     | UTF8                                 |

## Metadata author

|                   |                     |
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| Organisation name | Solargis            |
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| Date stamp        | 2019-10-20T02:45:22 |