

Data identification

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| Title | Longterm yearly average of direct normal irradiation - Cook Islands |
| Date | 2017-06 |
| Date type | Publication |
| Abstract | Longterm yearly average of daily totals of direct normal irradiation (DNI) in kWh/m2, covering the period 1999-2015 |
| Purpose | Assessment of Concentrated PV (CPV) and Concentrated Solar Power (CSP) technologies |
| Unique resource identifier | 388de26f-a7c7-ae34-1ebe-bdcb21b2d3cc |
| Supplemental information | This is an output from the contract on solar resource assessment and mapping, signed between the World Bank Group and Solargis. This activity is funded and supported 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, DNI, direct normal irradiation, Long-term average, Solargis, World Bank, ESMAP |
| Legal constrains | Copyright: Solar resource data © 2017 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO) |

1. Point of contact

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|-------------------|--------------------------|
| Organisation name | THE WORLD BANK |
| Email | oknight@worldbank.org |
| Website | www.esmap.org/RE_Mapping |
| Role | Owner |

2. Point of contact

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|-------------------|----------------------|
| Organisation name | Solargis |
| Email | company@solargis.com |
| Website | solargis.com |
| Role | Originator |

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

Geographic bounding box

| | |
|-------------|--------|
| West bound | -167.0 |
| East bound | -156.0 |
| South bound | -23.0 |
| North bound | -8.0 |

Spatial resolution

| | |
|----------|---------|
| Units | arc-sec |
| Distance | 30.0 |

Lineage

| | |
|-------------|--|
| Statement | Solar radiation data from satellite-based model developed by Solargis company |
| Description | Solar radiation data is derived by Solargis algorithms (v2.1) from satellite digital images and atmospheric datasets: Meteosat PRIME and IODC by Eumetsat; GOES-East and GOES-West by NOAA; MTSAT and Himawari-8 by JMA; MACC-II/CAMS atmospheric data by ECMWF; MERRA-2 atmospheric data by NASA; GFS data by NOAA. |

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Metadata author

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|-------------------|---------------------|
| Organisation name | Solargis |
| Role | Originator |
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