Data identification

Title	Longterm yearly average of diffuse horizontal irradiation - Kiribati - Global Solar Atlas 2.0
Date	2019-10
Date type	Publication
Abstract	Longterm yearly average of daily totals of diffuse horizontal irradiation (DIF) in kWh/m2, covering the period 1999-2018
Purpose	Complementary parameter to GHI and DNI
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 (https://globalsolaratlas.info/), 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, DIF, diffuse horizontal irradiation, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas
Legal constrains	Copyright: Solar resource data © 2019 Solargis. The data is published in Global Solar Atlas under a Creative Commons 4.0 Attribution International license, CC BY 4.0 with the following mandatory and binding addition: Any and all disputes arising under this License that cannot be settled amicably shall be submitted to mediation in accordance with the WIPO Mediation Rules 3 in effect at the time the work was published. If the request for mediation is not resolved within forty-five (45) days of the request, either You or the Licensor may, pursuant to a notice of arbitration communicated by reasonable means to the other party refer the dispute to final and binding arbitration to be conducted in accordance with UNCITRAL Arbitration Rules as then in force. The arbitral tribunal shall consist of a sole arbitrator and the language of the proceedings shall be English unless otherwise agreed. The place of arbitration shall be where the Licensor has its headquarters. The arbitral proceedings shall be conducted remotely (e.g., via telephone conference or written submissions) whenever practicable, or held at the World Bank headquarters in Washington DC.

1. Point of contact

Organisation name	THE WORLD BANK
Email	energydata@worldbankgroup.org
Website	www.esmap.org/RE_Mapping
Role	Owner

2. Point of contact

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

Topic category	Climatology, meteorology, atmosphere

Extent

Geographic bounding box

West bound	-175.0
East bound	-149.0
South bound	-11.0
North bound	6.0

Spatial resolution

Units	arc-sec
Distance	9.0

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.

File identifier	86531716-4bb0-a80d-bf96-59478f6485f1
Metadata language	eng
Character set	UTF8

Metadata author

Organisation name	Solargis
Role	Originator
Date stamp	2019-10-20T01:22:32