



Meeting organised within SOLREV by



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IEA PVPS Task 16 Invitation

Workshop on Products for the end-users

Thursday, 18th June 2020, 16:00 – 17:30 CEST (free of charge)

Get a comprehensive, up-to-date overview from which sources solar data sets are generated over what procedures are applied in the background to what use can be made of these datasets: This workshop addresses all users of solar resource data in the solar energy community: Project Developers, financiers, plant design engineers, researchers and others. In the first session of the workshop, expert panelists from the field of solar resource data will provide a broad overview of the data sources from which solar resource datasets are generated, the challenges and methods of assembling final data products for different end-users, possible applications of resource datasets and advice on how to make best use of such products. In the discussion following the presentations, participants are encouraged to participate actively and ask questions to our panelists.

Introduction to IEA PVPS Task 16

Jan Remund, Operating Agent PVPS Task 16 (METEOTEST)

Introduction to SOLREV

Birk Kraas (CSP Services)

Data Sources

Manuel Silva (University of Seville) and Carlos F. Peruchena (CENER)

Generation of products for end-users

Philippe Blanc (MINES ParisTech)

Applications for solar resource products

Robert Höller (University of Applied Science Upper Austria)

Discussion on the products for end-users

moderated by CSP Services

Panelists:



Jan
Remund



Birk Kraas



Manuel
Silva



Carlos F.
Peruchena



Philippe
Blanc



Robert
Höller



Jan Remund studied Nature Science at ETH Zurich. Since 1993 he works at different positions at Meteotest AG. He's the father of Meteororm and is active in international projects as EU framework or IEA PVPS projects since 1999. He leads the IEA PVPS Task 16 since 2017.

Birk Kraas studied Industrial Engineering at RWTH Aachen University and is Commercial Head of Meteorological Services at CSP Services GmbH. CSP Services is hosting this webinar in the framework of the BMWi-funded project SOLREV.

Manuel Silva is Dr. Industrial Engineer and Professor at the Department of Energy Engineering at the University of Seville. His professional and research activity has been developed, mainly, in the fields of solar energy, with special focus on concentrating solar thermal systems and measurement, and estimation and evaluation of the solar resource for energy uses. He is Operating Agent of the SolarPACES Task V (Solar Resource for High Penetration and Large Scale Applications).

Carlos Fernandez Peruchena has a background in Fundamental Science and a postgraduate specialization in Data Analysis and work in the National Renewable Energy Centre of Spain (CENER). His research is mainly focused on the solar resource assessment: mapping of irradiation and solar potential, site-specific bankability studies for the development of solar plants, and initiatives promoted by governments or international institutions to favour the implementation of solar energy in developing countries.

Prof. Philippe Blanc is the deputy head of the department Energy and Processes of MINES ParisTech and is a researcher for the center Observation, Impacts, Energy (www.oie.mines-paristech.fr). He is working on the modelling of solar radiation and its assessment from in situ measurements or/and satellite images. His background is related to signal and image processing, data sciences and applied mathematics. He is associate editor for the ISES Solar Energy journal (Elsevier) and he is the leader of the sub-task 2 'Enhanced data & bankable products' of the Task 16 'Solar resource for high penetration and large-scale applications' for the PVPS program of the International Energy Agency.

Prof. Dr. Robert Höller has a PhD in energy science and a master's in physics. He has specialized in renewable energy, in particular solar and wind energy, and has 15 years of professional experience both as a researcher in energy science and atmospheric aerosol physics, as well as a renewable energy project manager. Robert is now a professor of renewable energy at the University of Applied Science Upper Austria since 2013. Prior to that, at ILF Consulting Engineers he was lead technical engineer and project manager. At OMV Power International he was the project manager for a 50 MW CSP project development in Turkey as well as for a 13 MW PV project in Romania and engineer in a 45 MW wind farm project in Romania.