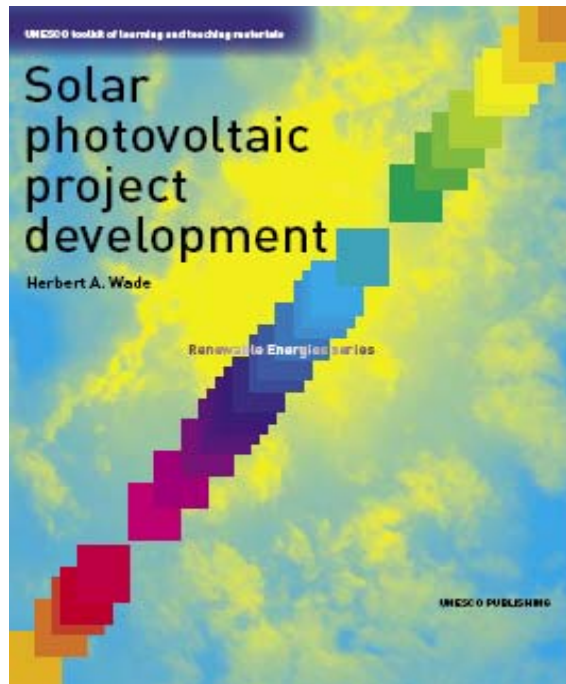


Solar Photovoltaic Project Development

UNESCO Toolkit of Learning and Teaching materials

Basic and Engineering Sciences, UNESCO
UNESCO Publishing



This toolkit consists of two companion volumes - “Solar Photovoltaic Systems: Technical Training Manual” and “Solar Photovoltaic Project Development”. “Photovoltaic Solar Systems: Technical Training Manual” has greater detail and graphics. “Solar Photovoltaic Project Development” has no graphics and is intended more as a text for teacher to support the technical training manual, and to discuss wider issues relating to project development for PV systems. The overall goal of the toolkit is to provide comprehensive information and training material on the installation, operation, monitoring and evaluation, management, maintenance, rehabilitation, awareness raising, advocacy, innovation, policy and planning for PV systems.

Countries around the world face increasing needs regarding the provision of environmentally sound and sustainable energy. Developing countries, in particular, face situations of limited energy resources, especially the provision of electricity in rural areas, and there is an urgent need to address this constraint to social and economic development. This presents significant opportunities and challenges for the greater use of renewable energy. Particular interest has focused on the use of solar photovoltaic systems for domestic use in rural areas.

While solar photovoltaic home systems have come of age in terms of technology, major challenges remain. These include the need for advocacy and awareness raising, information and communication, education and training, and appropriate project management and financial systems to promote affordability and innovation.

The toolkit has its origins in material first produced in the Pacific, where solar photovoltaics and rural electrification were pioneered in the 1970s and 1980s. Facing the threats of global warming and sea-level rise, small island states have a particular interest in the success of renewable energy for sustainable development. UNESCO is fully committed to the promotion of renewable energy and has produced this publication to acknowledge and promote the commitment of those reaching for a renewable and sustainable future.

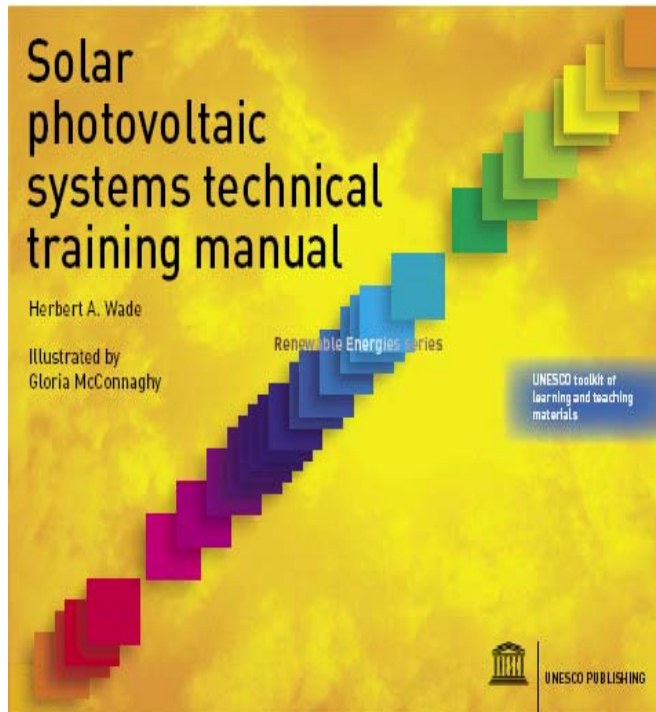
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