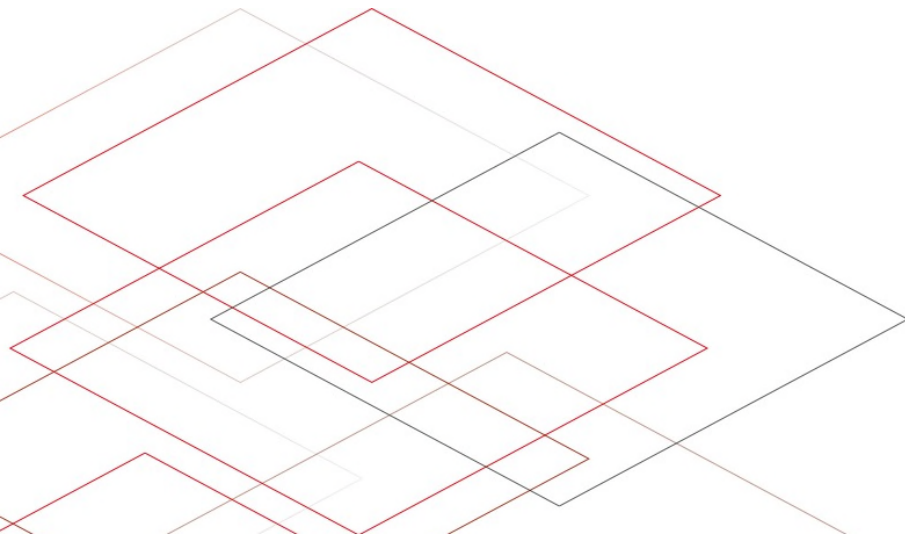


Why publishing matters

Dr. Xenia van Edig, TIB Open Publishing

Global Forum for Publishers in Grey Literature, 09 June 2026



Agenda

1. Grey literature
 - a. Some problems
2. Improving discoverability
3. TIB Open Publishing
 - a. The conference „problem“
 - b. Rich metadata at TIB Open Publishing
 - c. Use of PIDs at TIB Open Publishing
 - d. Discoverability of content published with TIB Open Publishing

1. Grey literature

What?

- “The term Grey Literature is used to refer to unconventional documents (York, 1978) which are usually not available through traditional channels.” (CNR)
- “Examples of grey (gray) literature include technical or research reports, doctoral dissertations, some conference papers, some official publications, and other types of grey literature.” (opengrey.eu)
- “ ... is material and research produced by organizations outside of the traditional commercial or academic publishing and distribution Grey literature may be difficult to discover, access and evaluate” (Wikipedia)
- “Basic information such as author, publication date or publishing body may be missing.” (University of Glasgow)

➡ **Lack of discoverability**

1a. Some problems

Which?

- Important resources can be grey
- A PDF on a website is not ideal to be discovered
 - Lacking metadata
 - Link rot
- Lack of awareness that implementing some basic technical standards can help
- Lack of resources to implement/maintain standards

3. Improving discoverability

How?

- Copyright and license information to facilitate reuse
- Metadata
 - Interoperability
 - Standard protocols
 - Interfaces
- Use of persistent identifiers (e.g. DOI)
- Dedicated URLs
- Linking to other materials
- Long-term archiving
 - The content should stay available also if a website disappears
- **Use of publishing systems like Open Journal Systems (OJS) helps to solve many of these issues**

4. TIB Open Publishing



Why?

- Contribution to TIB's efforts towards the open access transformation
- Conference publications important in TIB subject areas, but often “grey” literature
- Library-based offer for conference proceedings organizers and journal editors
- Service close to science
- Contributing to the development of the free software Open Journal Systems (OJS)
 - TIB is a major development partner of the Public Knowledge Project (PKP)

4. TIB Open Publishing



What?

- Library-based diamond open access publisher for journals and proceedings series
 - 13 proceedings series | *Open Conference Proceedings* for single proceedings volumes
 - 6 journals
- Open to all disciplines and institutions
- Use of Open Journal Systems (OJS)
 - Free and Open Source Software (FOSS)
- Support of complete publication workflow
- Aligned with current standards (e.g. OASPA, DOAJ, COPE)
 - Authors retain their rights
 - Distribution under CC BY
 - PIDs (ISSN (online), DOI, ORCID, ROR) + rich metadata (e.g. funders, open abstracts/references)
 - Long-term archiving

4a. The conference „problem“

- Post-event loss of information
 - Use of generic URLs, e.g. <https://www.agrivoltaics-conference.org/> for subsequent conferences
 - Content of previous events might disappear
 - Disappearance of entire websites → 404
 - Complete loss of information about an event
- Our current solution
 - Work together with conference organizers
 - Trying to keep most relevant information alive
 - E.g. <https://www.agrivoltaics-conference.org/history-and-past-conferences>

AgriVoltaics World Conference 2024

The 5th World Conference on Agrivoltaics

June 11-13, 2024, Denver, USA & Online

Hosted by: [NREL](#) and [University of Arizona](#)

Chairpersons: Greg Barron-Gafford (*University of Arizona, USA*),
Jordan Macknick (*National Renewable Energy Laboratory, USA*)

[Scientific Committee 2024](#)

[AgriVoltaics World Conference 2024 Internal Area](#) (sign-in required)

Conference Proceedings will be published by TIB Open Publishing:

Volume 3 (2024): link will follow

The fifth edition of the AgriVoltaics World Conference gathered nearly 500 attendees from over 30 countries who were eager to share their latest results and innovations, and enjoy the incredible networking opportunities.

4b. Rich metadata at TIB Open Publishing

Home / Archives / Vol. 2 (2023): AgriVoltaics World Conference 2023

Agrivoltaics in Germany - Status Quo and Future Developments

Evaluation of the German Agrivoltaics Innovation Tender 2022 and Overview about the Agrivoltaics Development in Germany

Abstract

Ground-mounted photovoltaic facilities in open spaces have been common in Germany for many years. However, according to the legislation, these are only supported by the government on poorer quality soils, former military training areas, or along traffic routes. Nevertheless, also on high quality soils it is not forbidden to install ground-mounted photovoltaic facilities. In recent years, Germany has started implementing agrivoltaics, which is an alternative land use concept that combines agriculture and renewable energy production. This opens the possibility to use land of higher soil quality for energy generation without necessarily creating land-use conflicts and being subsidized by the government. This study aims to provide a comprehensive overview of existing and planned agrivoltaic facilities in Germany analyzing them based on various parameters. The data for this study was collected through a community questionnaire and supplemented with data from state institutions.

The results indicate that as of March 2023, 21 agrivoltaic facilities with a total capacity of 81.67 MW_p have been installed. A strong increase of the installed capacity is expected in 2023 and 2024, reaching approximately 382.59 MW_p by the end of 2024. The market development of agrivoltaics is mainly driven by changes in the legal environment which present opportunities for further market ramp-up of agrivoltaics. The adoption of agrivoltaics shows a notable spatial diversity in Germany which appears to be influenced by the interaction between regulatory environments and agricultural structures.

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4c. Use of PIDs at TIB Open Publishing

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Vol. 2 (2023): AgriVoltaics World Conference 2023

AgriVoltaics Conference Proceedings
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More Citation Formats ▼

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4d. Discoverability of content published with TIB Open Publishing

The collage illustrates the discoverability of the publication "Agrivoltaics in Germany - Status Quo and Future Developments" across several platforms:

- Google Scholar:** Shows search results for the publication, including the title, authors (Carl Pump, Maximilian Trommsdorff, Volker Beckmann, Tamara Bretzel, Özal Emre Özdemir, Lisa-Marie Bieber), and a brief abstract.
- OpenAIRE:** Displays the publication's metadata, including the title, authors, and a link to the full text.
- BASE:** Shows the publication's entry in the BASE database, including the title, authors, and a link to the full text.
- Web of Science:** Displays the publication's entry in the Web of Science Core Collection, showing 101 results and 100 researchers.
- DOAJ:** Shows the publication's entry in the Directory of Open Access Journals (DOAJ), indicating it is indexed and available for free access.
- TIB Open Publishing:** Shows the publication's entry on the TIB Open Publishing website, including the title, authors, and a link to the full text.

The screenshots demonstrate the publication's visibility across multiple academic and open access platforms, highlighting its discoverability.

Questions?

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