

TOAR Data Technical Guide #4

TOAR-II Source Code

toar-data.fz-juelich.de

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The TOAR Data Team



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TOAR-II SOURCE CODE

All software that is needed to run the TOAR data infrastructure is publicly available.

1.1 TOAR-II Services

- REST API to access TOAR V2¹
- GUI (graphical user interface) to access TOAR V2²
- REST API service for flux-based vegetation damage assessment³
- REST API service for bulk data downloads and statistics on TOAR data⁴
- REST API to GEO PEAS (GEOdata Point Extraction and Aggregation Service)⁵

1.2 TOAR-II Tools

- REST API to access gridded (map) data⁶
- toarstats⁷
- toarqc⁸
- OpenAQ⁹

¹ https://gitlab.jsc.fz-juelich.de/esde/toar-data/toardb_fastapi

² <https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-ii-dashboard>

³ <https://gitlab.jsc.fz-juelich.de/esde/toar-data/do3se-web-service>

⁴ <https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-ii-analysis-service>

⁵ <https://gitlab.jsc.fz-juelich.de/esde/toar-data/geopeas>

⁶ <https://gitlab.jsc.fz-juelich.de/esde/toar-public/toargridding>

⁷ <https://gitlab.jsc.fz-juelich.de/esde/toar-public/toarstats>

⁸ <https://gitlab.jsc.fz-juelich.de/esde/toar-public/toarqc>

⁹ <https://gitlab.jsc.fz-juelich.de/kreshpa1/openaqhistoricalingestion>

1.3 TOAR-II Landing Page

- [TOAR-II Landing Page](#)¹⁰

¹⁰ <https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-data-landing-page>