
RF-SciDAC

A Data Management Plan created using DMPTool

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Data types and sources

Data types and sources for this project include the following ...

- Digital input deck to code runs referenced in publications.
- Output files from code runs referenced in publications.
- Experimental data presented in validation studies.

Content and format

Data to be made within this project contain (but are not limited to) the following ...

- Experimentally determined background profiles (in community accepted formats like EQDSK, or self-describing binary : netCDF, HDF5)
- Simulation outputs will also be made available using self describing binary formats.

Sharing and preservation

Data from this project will be made available using NERSC's data archive in a web-accessible location, which is linked to a particular person or project. NERSC already has a data management strategy in place (<http://www.nersc.gov/users/data-and-file-systems/policies/>) to help users comply with the new OSTP rules. URLs will be provided in publications.

Protection

This project will not make available any PII, export controlled, or confidential data.

Rationale

All data related to publications resulting from this project will be made available enabling benchmarking activities across the larger fusion community.

Software & Codes

Our data management plans for codes addresses the following elements ...

- Several of the projects codes are open source and freely available and can be downloaded via GitHub or provided by the codes authors upon request.
- We also rely on commercial codes that are publically available but require a license purchase.
- Data resulting from the use of such commercial codes will still be made available.