# Data badge review [MSID #]

\*This review solely assesses the contribution and accessibility of industrial ecology (IE) data, not the scientific validity or novelty of the analysis. For detailed explanations and examples of the checkpoints below, please refer to the website of the Journal of Industrial Ecology ([https://jie.yale.edu/badges).\*](https://jie.yale.edu/badges).*)

Data badges have two dimensions rewarding (1) the extent of data contribution and (2) the level of data accessibility, that is, the interoperability and reusability of the data supplied. It also aims to be progressive, with two levels, gold and silver, for each dimension. As illustrated below, these two dimensions and two levels lead to four distinct badges. In order to receive a data badge, the paper must qualify for at least silver on each of the dimensions. The evaluation of your request for a data badge follows this scheme.

General comments:

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Data Contribution: Reusable, organized IE data

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Gold

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[] The entire system description is published at the same level of resolution and completeness as was used to calculate the final results; AND

[ ] All primary data and external data citations are provided such that the results could be reproduced.

Silver

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[ ] The published data captures a significant portion of the analyzed system in full resolution and a reusable manner; OR

[ ] The complete inventory of a diverse set of interactions with the environment is published in a manner independent from any single characterisation method.

Comments

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Data Accessibility: Convenience and agility of data exchange

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All

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[ ] Data is published with a CC0, CC-BY or CC-BY-SA license (or equivalent)

[ ] Large dataset published in a scientific repository, with DOI of dataset cited in the manuscript

[ ] Small dataset published as Supporting Information

Convenience for direct human access and evaluation

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[ ] Data formatted in plain text file (or zipped plain text): txt, csv, json, yaml, xml, ecospold, xlsx, ods, etc.

Convenience for software imports for quantitative analysis

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[ ] Data directly importable in relevant, free analysis software; OR

[ ] Data accompanied with (free) analysis code; OR

[ ] Data and analysis both fully embedded in spreadsheet, without use of proprietary macros, such that the entire analysis can be re-run in a free

office suite.

Comments

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Overall Verdict

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Data Contribution Badge:

Data Accessibility Badge: