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Integrating Research Data Repository with Altmetric, Dimensions and ORCID: increasing research visibility and impact voltage

Research data repositories are powerful and enable the management of research activities and services. Research data repositories facilitate data publishing, sharing, and collaboration of academic research, allowing institutions to manage and showcase their data to the wider spectrum. Integrating research data repositories with scholarly identity and impact tracking tools such as Altmetric, Dimensions, and ORCID presents a transformative opportunity to enhance the visibility, discoverability, and societal impact of academic outputs. By aligning persistent identifiers (ORCID IDs) with real-time metrics and citation networks, researchers and institutions can track engagement, showcase the impact of their work beyond traditional citations, and strengthen academic profiles. The paper will demonstrate how such integration synergy can increase “impact voltage” when visibility tools are interlinked. The paper will also validate the notion that holistic integration is essential in the evolving scholarly communication ecosystem, driving both researcher recognition and institutional prestige.

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