SciDataCon 2025

Monday 13 October 2025

Poster Session: Poster Session (18:00 - 19:30)

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[88] Towards Integrated Monitoring of Antimicrobial Resistance and Usage in horticulture, water, and wine sectors in Australia	AMIN, Noorul	
[246] Baseline protocols for archiving	SACAL BONEQUI, Moises	
[259] Reinforcement and Utilization of the Japan Data Catalog for the Humanities and Social Sciences (JDCat)	YOKOUCHI, Nobutada	
[300] Development Practices and Prospects of PIDs Infrastructures for Open Science Data in China	LIU, JIA WANG, Lijuan WANG, shu XIA, xiaolei	
[94] Context and Provenance for FAIR Health Data - The who, what, why, where, when and how	URWIN, Esmond	
[161] Leveraging AI to Automatically Link Controlled Vocabulary Terms in Metadata	TYKHONOV, Vyacheslav	
[304] The Information Standards Advisory Panel (ISAP) of the Australian National Earth and Environmental Sciences Facilities Forum (NEESFF): Coordinating National Data Infrastructures to Support Global Data-Intensive Research.	FARRINGTON, Rebecca CERON, Isabel CLOUGH, Josh CROUCHER, Jo DRUCKEN, Kelsey GURU, Siddeswara HOBERN, Donald KLUMP, Jens LESCINSKY, David LEVETT, Kerry MARTIN, Julia NEWMAN, Peggy REHBEIN, Mark RICHARDS, Clare ROBINSON, Andrew WONG, Megan WYBORN, Lesley	
[286] Efficient Fine-Tuning of Visual Language Models for Chemical Image Understanding	CHOI, Hyukjun	
[210] Pedagogical Innovation and the Maiam nayri Wingara Indigenous Data Sovereignty Fundamentals Course	Dr WILLIAMSON, Bhiamie SEDRAN-PRICE, Cassandra Dr PREHN, Jacob LOVETT, Raymond Mr PROVOST, Sam	
[218] Facilitating Cross-Domain Interoperability of X-Ray Absorption Spectroscopy (XAS) Data: Developing a CDIF Profile for the Galaxy Platform.	LIBORIO, Leandro	
[292] Harmonising Ecological Data Through Structured Vocabulary Management: The TERN Approach	YU, Junrong	

[50] Enhancing Research Data Usability through TurboCurator: An AI-Driven Tool for Creating FAIR Metadata	JACKSON, Jeannette
[312] Evaluating the impact of OMOP-CDM on data quality insight generation in respiratory disease management	MBOUAMBA YANKAM, Brenda ANICET ONANA AKOA, François FANKOUA TCHAPTCHET, Luc Baudoin BARASA, Miranda IDDI, Samuel
[196] Analysing Defence Mechanisms Against Gradient Attacks in Contrastive Federated Learning	GINANJAR, Achmad
[35] Plans and challenges for FAIR and open data and an enhanced transparency of the IPCC Seventh Assessment Report	STOCKHAUSE, Martina
[274] Advancing spatio-temporal modelling in ecology to detect and attribute ecological changes	VERCELLONI, Julie
[104] From the people, for the community: Using a Residents' Assembly to build the Liverpool City Region Data and AI Innovation Charter	Dr REMPEL, Emily
[98] A Practice of Science Data Bank on Promoting Data Sharing in China	JIANG, Lulu
[232] Globalizing Space Weather Data Infrastructure: The IMCP Framework for Collaborative Data Sharing and Utilization	Ms HU, XiaoYan
[264] Communities of Practice and the ARDC: Vision and strategy in a practicable cycle	MARTINEZ, Paula
[308] Towards the FAIRRREST Principles in Health Data Sharing	SMITH, Susan
[311] Implementation of the OMOP ETL pipeline for the standardization and integration of data from inpatients with respiratory diseases in Douala General Hospital, Cameroon	MBOUAMBA YANKAM, Brenda ANICET ONANA AKOA, François FANKOUA TCHAPTCHET, Luc Baudoin BARASA, Miranda IDDI, Samuel
[30] Data Management and Utilization of National Metrology Institutes (NMIs) in the Republic of Korea	YOO, HEE KYEOM
[287] The Chinese Experience of Using Data as a New Production Factor to Realize Economic Value	HUANG, Lin
[305] Advancing Federated Open Science Infrastructures for FAIR and Responsible Research	STAVROPOULOS, Tassos
[234] Data governance for development: An empirical assessment of open government data management quality and SDG performance	HAN, Sang Hyeok
[294] CAREful Linking of FAIR Language Data to Reproducible Jupyter Notebooks	COOKE, Steele
[80] Practices and perceptions in research data management: a cross-sectional study based in a Brazilian university hospital	DA SILVA, ROBERTO
[15] International collaboration activities for open sciences and data sciences by the Polar Environment Data Science Center, Tokyo, Japan	KANAO, Masaki
[195] Measuring Data Matters!!	Dr RYE, Claire Dr FRANCIS, Rhys
[281] Developing a Data-Driven ESG Framework Integrating Carbon Emissions, Financial Performance and Supply Chain Risk Analysis	EUNHYE, hwang

[109] From Bureaucracy to Usability - How OSTrails Simplifies Open Science	HIENOLA, Anca	
[56] Mapping permafrost in the Northern Hemisphere	Prof. RAN, Youhua	
[252] Uncovering the AMR Data Landscape across the Horticulture, Water, and Wine sectors in Australia	AMIN, Noorul	
[297] Building national research infrastructure to share health research data: Lessons from HeSANDA and Health Data Australia.	Dr GOUDA-VOSSOS, Amany Ms SAVILL, Jo Dr WILLIAMS, Rhys	
[132] Life Cycle of Metagenomic Research Data Management	GONZALEZ, Catherine	
[102] Leveraging Open Science for Geographical Indications Environment & Sustainability Study Case	Ms LI, Limin	
[278] Research on the Trustworthiness Evaluation of Scientific Data Management Platforms in Chinese Universities	Prof. YIN, Shenqin	
[258] An Evolving Approach to Supporting Indigenous Data Sovereignty in an Institutional Data Repository	FARRELL, Shannon	
[272] Implementing the CARE Principles for Datasets with Local Contexts Labels	RIDSDALE, Chantel	
[267] Title: Enabling Trustworthy and FAIR AI for Transboundary Aquifer Resilience: Challenges and Opportunities for Reproducible, Responsible, and Open Science	ZASLAVSKY, Ilya	
[303] Powering Ecological Research and Environmental Decision-Making: Inside TERN's Data Infrastructure	Dr GURU, Siddeswara	
[291] Supporting the Life Sciences: The Role of the German Network for Bioinformatics Infrastructure and ELIXIR Germany	HOFFMANN, Nils	
[38] When policies meet practices, research data governance at the university of Lille, France	ROCHE, Julien	
[105] World Data System Early Career Researcher Network: what it is and why you should join.	Dr RYE, Claire	
[127] Data Management Plan (DMP) – From FAIR to FAIRER	GOH, Su Nee Dr KOH, Willie	
[212] KeyPoint: Trusted Research Environment for sensitive data.	MARENDY, Peter	
[250] CAREful Indigenous Data and the National Statement: Early reflections on co-designing an Indigenous community-created, client-centric digital platform	HYLAND-WOOD, Bernadette	
[18] From Cloud to Clarity: Architecting Resilient AI Systems in Enterprise Environments	CHEN, Weiying	
[284] Data stewardship for PalMod - A FAIR-based strategy for data handling in large climate modeling projects	Dr GEHLOT, Swati	
[285] An interoperable and secure model supporting data mobility across the research ecosystem	Mr IP, Alex	
[307] Development of a data search navigation tool to support data linkage information for comparative effectiveness research – a service provided by Taiwan Gateway to Health Data	Dr LEE, Hsiu-An	
[293] Enhancing Capacity for Ethical Data Sharing in Clinical Research	Dr GOUDA-VOSSOS, Amany	
[282] Building a National Persistent Identifier Toolkit to Enhance Research Quality, Provenance, and Impact	PORTER, Simon	
[301] Understanding injury-related bloodstream infections in Queensland: a data linkage study	PERERA, Binuri	

[306] Crisis Map: Revolutionizing Emergency Response with Predictive Analytics & AI	MANGA, Indrasena	
[198] Towards a Sustainable and Resilient Future: the Transformative Role of Data in Crisis Management	BHARATHY, Gnana	
[22] The Establishment of the National Bushfire Data Commons Dashboard	SINNOTT, Richard	
[262] RADAR - a flexible FAIR research data repository	BACH, Felix	
[23] Introducing the Australian Internet Observatory Research Dashboard	SINNOTT, Richard	
[43] Data education for researchers: Designing for learner empowerment at a data skills Summer School	WONG, Adeline GREENHILL, Kit	
[269] Leveraging Corpus Linguistics for Linguistic Research in Kazakh: A Data-Driven Approach	ORMANOVA, assel	
[192] Open Ecoacoustics: A Platform to Manage, Share and Analyse Ecoacoustic Data for Scalable Fauna Monitoring	ROE, Paul	
[41] Publishing the Scientific Data of Chinese Academic Journal: a Case Study on Global Change Data Publishing and Repository System	LIU, Chuang	
[260] Federated Mental Health Data Analysis Using Standard Tools in OMOP CDM-Based Ecosystems	OCHOLA, Michael	
[261] Improving Australia's Food Security: Lessons learned from the ARDC's Food Security Data Challenges program	Dr KETHERS, Stefanie	
[283] Privacy-Enhancing AI-based Whole Slide Image Analysis	MIGUEL, Rodel	