

Vocabulary Symposium 2023: FAIR Vocabularies for All

14-15 November 2023

DAY 1: Tuesday. All Times are Australian Eastern Daylight Time. ([AEDT](#))

Day 1: FAIR Vocabularies For and Across Domains	
Time	Item
9:00 - 9:35	<p>Session 1: Opening</p> <ol style="list-style-type: none"> 1. Welcome to Day 1 (10 min) MC: Megan Wong (Federation University) 2. Welcome to country (10 min) Speaker: Paul House (ANU First Nations Portfolio) 3. Survey via mentimeter (15 min) Facilitator: Megan Wong
9:35 - 10:30	<p>Session 2: Keynote: (40 min presentation + 15 min Q&A)</p> <p>Speaker: Arofan Gregory: Consultant to CODATA, USA (US, EST) - <i>Controlled Vocabularies in a Changing Metadata Landscape.</i> (abstract and slides / recording)</p> <p>MC: Megan Wong</p>
10:30 - 10:50	Break 1 (Coffee)
10:50 - 12:20	<p>Session 3 FAIR Vocabularies for Health and Biosecurity (Each presentation is 12 min + 3 min Q&A; followed by 15 min general discussion at end of session)</p> <ol style="list-style-type: none"> 1. Francisca Oladipo: Thomas Adewumi University, Nigeria (Africa, WAT) - <i>Implementing Controlled vocabularies across many countries: experiences from the VODAN Africa Project.</i> (abstract and slides / recording) 2. Anushka Vidanage: ANU, Australia (AU, AEST) - <i>Privacy focused health data storage and access control through personal online datastores.</i> (abstract and slides / recording) 3. Kathy Giannangelo: Kathy Giannangelo Consulting, USA. (US, CST) - <i>International Classification of Diseases 11th Revision Comprehensive Clinical Linearization (ICD-11).</i> (abstract and slides / recording) 4. Les Kneebone: Melbourne University, Australia (AU, AEST) - <i>Not that kind of taxonomy: vocabulary construction in the biosecurity domain.</i> (abstract and slides / recording)

	<p>5. Dougie Boyle: University of Melbourne, Australia (AU, AEST) - ARDC Health and Medical Terminology Service. (abstract and slides / recording)</p> <p>MC: Megan Wong</p>
12:20 - 13:30	Break 2 (Lunch)
13:30 - 15:00	<p>Session 4: FAIR Vocabularies for Earth and Environmental Sciences (Each presentation is 12 min + 3 min Q&A; followed by 15 min general discussion at end of session)</p> <ol style="list-style-type: none"> 1. Elizabeth Wenk: UNSW, Australia (AU, AEST) - <i>Building the AusTraits Plant Dictionary into a formal vocabulary.</i> (abstract and slides / recording) 2. Angus Nixon: University of Adelaide, Australia (AU, ACDT) - <i>AusGeochem: Providing a FAIR research vocabulary for geochemical data for the Australian and international community.</i> (abstract and slides / recording) 3. Lesley Wyborn: ANU, Australia (AU, AEST) - <i>Accelerating Machine-to-Machine Interoperability of Geoscience Data through using FAIR Implementation Profiles (FIPs) and FAIR Enabling Resources (FERs) to Declare Semantic Resources Implemented in any Dataset.</i> (abstract and slides / recording) 4. Margie Smith: Geoscience Australia, Australia (AU, AEST) - <i>Geoscience Australia Vocabularies as a FAIR'ly useful communication tool.</i> (abstract and slides / recording) 5. Marthe Klöcking: Göttingen University, Germany (EU, CET) - <i>Aligning, combining and extending vocabularies for the AstroMat, DIGIS and EarthChem geo- and cosmochemical data systems.</i> (abstract and slides / recording) <p>MC: Natalia Atkins (IMOS)</p>
15:00 - 15:20	Break 3 (Coffee)
15:20 - 16:50	<p>Session 5: FAIR Vocabularies for Humanities, Arts, Social Sciences and Indigenous (Each presentation is 12 min + 3 min Q&A; followed by 15 min general discussion at end of session)</p> <ol style="list-style-type: none"> 1. Masoud Rahimi: AURIN, University of Melbourne, Australia (AU, AEDT) - <i>Semantic Interoperability on the Horizon: AURIN's Progressive Journey.</i> (abstract and slides / recording) 2. Theresa Anderson: Connecting Stones, UTS and Connected Intelligence Centre, Australia (AU, AEDT) - <i>Learning From Language: Strategies for Building CAREful Vocabularies.</i> (abstract and slides / recording) 3. Simon Musgrave: University of Queensland, Australia (AU, AEST) - <i>Using GitBook for user-friendly documentation of a vocabulary.</i> (abstract and slides / recording) 4. Godfrey Chikowore: Midlands State University, Zimbabwe (Africa,

	<p>CAT) - <i>Defining Indigenous Data Custody and Governance: The case of frozen- negated pathways autonomous transformation and other unknown community – civilization.</i> (abstract and slides / recording)</p> <p>5. Janete Saldanha Bach: Leibniz Institute for the Social Sciences, Germany. (EU, CET) - <i>Enhancing FAIR compliance: a controlled vocabulary for mapping Social Sciences survey variables.</i> (slides / recording)</p> <p>MC: Natalia Atkins</p>
16:50 - 17:30	<p>Session 6: Group Brainstorm: FAIR Vocabularies For Cross Domain Data Integration - what is key? (40 min)</p> <p>Facilitator: Lesley Wyborn / Notes</p>

DAY 2: Wednesday. Australian Eastern Daylight Time. ([AEDT](#))

Day 2: Innovation and the future of FAIR Vocabularies	
Time	Item
9:00 - 9:25	<p>Session 7: Opening</p> <ol style="list-style-type: none"> Welcome to day 2 (10 minutes) <p>MC: Natalia Atkins (IMOS)</p> <ol style="list-style-type: none"> Survey via mentimeter (15 minutes) <p>Facilitator: Natalia Atkins</p>
09:25 -10:15	<p>Session 8: Keynote: (40 min presentation + 15 min Q&A)</p> <p>Speaker: Jen Drysdale: Manager of Data Integrity, Analytics, and Information, National Film and Sound Archive of Australia. <i>The role of vocabularies in cultural heritage and the impact of new strategic drivers.</i> (abstract and slides / recording)</p> <p>MC: Natalia Atkins</p>
10:15 -10:35	Break 1 (Coffee)
10:35 -12:05	<p>Session 9: FAIR vocabs: APIs, concept mapping and automated indexing (Each presentation is 12 min + 3 min Q&A; followed by 15 min general discussion at end of session)</p> <ol style="list-style-type: none"> Rob Atkinson: OGC, Australia (AU, AEDT) - <i>Profiling data exchange standards using vocabularies.</i> (abstract and slides / recording) Nicholas Car: ANU and KurrawongAI, Australia (AU, AEST) - <i>A simple API proposal for SKOS systems.</i> (abstract and slides / recording)

	<p>3. Michael Lawley: CSIRO, Queensland Australia (AU, AEST) - <i>Go Go Gadget Snapagogo: Facilitating Collaborative Mapping Workflows.</i> (slides / recording)</p> <p>4. Robert Rovetto: Independent Consultant, USA. And student, UNSW (US, EST). <i>Space Vocabularies: Research, Development, Alignment, and Formalization (RAFD) in Astronomy and Astronautics.</i> (abstract and slides)</p> <p>5. Kio Polson: Drexel University, USA (US EST) <i>Advancing HIVE-4-MAT's Capacity to Leverage Multiple Vocabularies.</i> (abstract and slides / recording)</p> <p>MC: Natalia Atkins</p>
12:05-13:00	Break 2 (Lunch)
13:00-14:30	<p>Session 10 Tools, ethics, the knowledge-based economy and glossaries (Each presentation is 12 min + 3 min Q&A; followed by 30 min general discussion at end of session)</p> <p>1. Peter Sefton: University of Queensland, Australia (AU, AEST) - <i>Building domain specific vocabularies for packaging and archiving research and cultural data.</i> (abstract and slides)</p> <p>2. Robert Rovetto: Independent Consultant, USA. And student, UNSW (US, EST). - <i>The Ethics of Vocabulary Development and Use.</i> (abstract and slides)</p> <p>3. Gonzague Isirabahenda: Babes-Bolyai University, Romania (EU, EET) - <i>Knowledge-based economy vocabularies: Reflection on graduate employability.</i> (abstract and slides / recording)</p> <p>4. Reinhard Langmann: Edunet World Association, Germany (EU -CET) <i>An Industry 4.0 Glossary English – Thai – English.</i> (abstract and slides)</p> <p>MC: Megan Wong</p>
14:30-14:50	Break 3 (Coffee)
14:50-16:20	<p>Session 11: Roadmaps, community engagement, large language models, tools and vocabulary profiling (Each presentation is 12 min + 3 min Q&A; followed by 15 min general discussion at end of session)</p> <p>1. Steve McEachern: Australian Data Archive, ANU, Australia (AU, AEST) - <i>A roadmap for vocabularies in Australia.</i> (abstract and slides / recording)</p> <p>2. Jens Klump: CSIRO, Perth, Australia (AU, AWST) - <i>Ontologies in the Age of Large Language Models: Navigating Political Dimensions in Industry Applications.</i> (abstract and slides / recording)</p> <p>3. Clement Jonquet: University of Montpellier, France, (EU, CET) - <i>Ontology Repositories and Semantic Artefact Catalogues with the OntoPortal Technology.</i> (abstract and slides / recording)</p> <p>4. Leon Steinmeier: Helmholtz Institute Freiberg for Resource Technology, Germany (EU, CET) - <i>A Framework for Using FAIR Vocabularies in Every-Day Data.</i> (abstract and slides / recording)</p>

	<p>5. Imma Subirats-Coll: Food and Agriculture Organization of the United Nations (FAO), Italy (EU, CET) - <i>A sustainable model to maintain and promote vocabularies: the AGROVOC use case.</i> (abstract and slides / recording)</p> <p>MC: Megan Wong</p>
<p>16:20 - 16:50</p>	<p>Session 12: Group Brainstorm: Moving FAIR Vocabularies Forward For All: what are our priorities? (40 Minutes)</p> <p>Facilitator: Dougie Boyle / Notes</p>
<p>16:50 - 17:00</p>	<p>Final Session: Symposium Wrap up. (10 Minutes)</p> <ul style="list-style-type: none"> • Survey via mentimeter • Thanks to all who participated • Timeline for publication of presentations, and event report. <p>MC: Megan Wong</p>