

Earth and Environmental vocabularies and ontologies today: how are they managed? How are they used by scientists?

Session 320 at Virtual SciDataCon 2021



PARSEC* is a project sponsored by the Belmont Forum as part of its Collaborative Research Action (CRA) on Science-Driven e-Infrastructures Innovation (SEI), with funding from FAPESP, the ANR, JST and the NSF, with collaborators from Australia, and support from the synthesis centre CESAB of the French Foundation for Research on Biodiversity.

* www.parsecproject.org



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We acknowledge the Traditional Owners and Custodians of the land and sea in all nations. We honour their profound connections to land, water, biodiversity and culture and pay our respects to their Elders past, present and emerging.

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Agenda

Speaker	Discussion title
Alison Specht (moderator) and team	Introduction from organising team
Marie Angélique Laporte (Alliance of Biodiversity International and CIAT, Switzerland)	Vocabularies: How to link them and what they are-ontology flavour
Siddeswara Guru (TERN, Australia)	Environmental and Earth vocabs in Australia for an infrastructure serving a heterogeneous community
The next two speakers are talking about complementary aspects of GBIF, and its vocabulary standard, DarwinCore	
Anne-Sophie Archambeau (IRD/UMS PatriNat/ GBIF France)	The long history of DarwinCore
Yvan le Bras (PNDB, MNHN, France)	Point of view of a national Biodiversity e-infrastructure on the use/reuse of vocabularies / terminological resources and their provision.
Wim Hugo (SAEON, South Africa, now at the Dutch national centre of expertise and repository for research data, DANS).	Challenges and Opportunities - Semantic Interoperability and Developing Countries
Yann Le Franc (FAIRsFAIR)	An overview of the FAIRsFAIR project and our work on FAIR Semantics.
Barbara Magagna (Environment Agency Austria)	Interoperability via the application of the I-ADOPT Framework
Roundtable	
Shelley Stall and organising team	Closing Circle and Next Steps Three Key TakeAways



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OF BIODIVERSITY



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