|  |  |  |
| --- | --- | --- |
|  | | |
| Session | Community Improvements | |
| Venue | San Francisco | |
| Date | 09th – 11th  December 2014 | |
| Type | Talk | |
| Title | Towards a controlled vocabulary service | |
|  |  | |
| **Authors** | | |
| Mark Greenslade (1) | | |
|  | |  |
| 1. CNRS, IPSL, Institut Pierre Simon Laplace, Global climate modeling group, Paris, France | | |
|  | | |
| **Abstract** | | |

Controlled vocabularies inject semantic constraints into domain models. Generally speaking, such vocabularies decompose to lists of terms. Within the context of a project, e.g. CMIP6, only a subset of vocabulary terms is considered to be in scope. To support the construction of intuitive user and command line interfaces, it is essential that **all published metadata** is validated against controlled vocabularies. Such metadata pertains to datasets, files, aggregations, documentation …etc. Currently, applications that leverage controlled vocabularies (e.g. ESG-F publisher, ES-DOC questionnaire) are not built upon a canonical controlled vocabulary service. This presentation is designed to open up a discussion upon this subject.