Collection Evaluation

Recommendation
- Are recommended elements there?
- What is there?

Quick Evaluations
Recommendation Reports

**Purpose**: To identify and compare the usage of UMM Profile concepts across CMR Metadata Collections.

**Scope**: This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

**Demo Focus**: UMM-Collection metadata Profile

https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48803313
Quick Evaluations

**Purpose:** To identify and compare the usage of commonly used documentation objects across CMR metadata Collections.

**Scope:** This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

**Demo Focus:** How do CMR metadata providers document people and organizations?

https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48802017
Collection Evolution

- How have NASA collections evolved?
- How do NASA collections compare to others?
- How does source dialect effect metadata?

CMR 2016

CMR 2017

CMR Other

SciOps (DIF)
Comparisons

% Collections Group 2

New Elements

Occurrence Increasing

Equality

Occurrence Decreasing

% Collections Group 1

Fields in no collections both groups

Fields in all collections both groups

Size = #

1

5

New Elements

Occurrence Increasing

Equality

Occurrence Decreasing

% Collections Group 2

% Collections Group 1
UMM-Common Evolution

UMM Common % (2017 vs. 2016)

- Required
- Optional

- Quality measure code
- Contact URL
- Corrected translation error
UMM-Collection Evolution
Other vs. NASA Exists

![Bubble Chart Comparing Other Collections to NASA Collections](chart.png)
Other vs. NASA Complete
SciOpsProvided Elements vs. NASA
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