

## Introduction

## HMC Vision and Mission

## Recommendation Tree

- 0. Basic Recommendations
  - M0 Use PID Metadata
    - M1.0 use ORCID
      - M1.1 Centers encourage
      - M1.2 Employees maintain
      - M1.3 Data infrastructures implement
    - M2.0 Use ROR
      - M2.1 Centers maintain ROR
      - M2.2 Repos refer to ROR
    - M3.0 Use PIDInst
      - M3.1 Techs Maintain PIDInst
      - M3.2 Researchers refer to PIDInst
      - M3.3 Repos refer to PIDInst
    - M4.0 Use IGSN
      - M4.1 Sample Curators register IGSN
      - M4.2 Repos refer to IGSN
    - M5.0 Use Crossref DOI
      - M5.1 Publication Repos register Crossref DOI
      - M5.2 Repos refer to Crossref DOI
    - M6.0 Use DataCite DOI
      - M6.1 Repos register and refer to DataCite DOI
      - M6.2 Publisher and Authors refer to DataCite DOI
  - I0 Providing of Interfaces
    - I1.0 Use REST Protocol
      - I1.1 Use Common Metadata for Exchange
  - S0 Use of Semantic Resources
    - S1.0 Use Schema.org compliant code with datasets
      - S1.1 Repos implement Schema.org compliant code with datasets
  - C0 Define Data Containers
  - L0 Use Licenses
  - Q0 Implement Quality Information
  - P0 Track Provenance
  - R0 Define Stakeholder Roles
  - V0 Value Data Publications

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### \* Instructions

- for center management
- for researchers (data producers)
- for data stewards / managers / repositories
- for technicians (lab / experiments)
- for center administration
- for librarians

[Schema.org](#)

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