



## ISSUE

Publication  
Proposal

### Relevance Evaluation

- Is this paper published in a journal? (not preprints)
- Does the paper present new data?
- Does the paper perform metagenomic analysis fitting current lists?
- Is data uploaded to a public archive?

...



## BRANCH

Metadata  
extraction

```
{
  field:
    title: "project_name",
    description: "Unique key for study",
    type: "string",
    pattern: "^[a-zA-Z]+\d{4}[b-z]?$",
  field:
    title: "publication_doi",
    description: "DOI of the publication",
    type: "string",
    pattern: "^10.\d{4,9}\\\[^\,]+\$",
  ...
}
```



Add metadata



## PULL REQUEST



## VALIDATION

Schema  
validation

Consistency check

Error found

Review

Error found

Verified entry

Review  
by a curator

### Review guideline

- Is the added metadata accurate (as reported in publication?)
- Does material category match a term in a relevant ontology?
- Is formatting correct?
  - Does the site/location already exist in the database, is this formatted the same?
  - Is Lat:Lon specified to max. 3 decimals, and fewer decimals for less-precise locations?
  - Is the age Before Present (BP, before 1950)?

...



## RELEASE



## ARCHIVE



### Workflow roles:



Curators



Auto-Validation



Contributor



Reviewer