

Open Access Publishing Costs in Spain: Implementing openCost for DSpace Repositories



REBIUN Institutional Repositories Working Group

- Project led by DSpace repositories since 2024
- Exploration of openCOST schema with the aim to adapt to national reality and Qualified Dublin Core by default
- Standardization effort and optional service

openCOST schema usage and pilot implementers

Spanish National Research Council (CSIC). [Example](#)

University of Salamanca. [Example](#)

Polytechnic University of Valencia. [Example](#)

Dublin Core elements and openCOST metadata set



dc.title
dc.citation.identifier
dc.publisher
dc.relation.ispartof
dc.type
opencost.publication.doi
opencost.institution.name
opencost.institution.ror
opencost.publication.costsplitting
opencost.contract.IDvalue

opencost.invoice.number
opencost.invoice.creditor
opencost.invoice.date
opencost.invoice.datepaid
opencost.amount.invoice
opencost.amount.paid
opencost.cost.type
opencost.participation.from
opencost.participation.to



Lessons learnt

- Varying degrees of cost data granularity and data policies across institutions/consortia
- Specific challenges to calculate accurate article cost within transformative agreements (institutional/regional/national)
- Reasons behind data incompleteness: the richness of metadata schema as a catalyzer
- Several paths to enrich repositories items with OA cost data (eg data exchange with OA publishing/financial teams, regional and national consortia, institutional CRISes..)

Work ahead

1. Scale up to more repositories
2. Expose metadata via OAI-PMH for harvesting (openAPC, ESAC, other registries and aggregators..)
3. Improve data granularity management
4. Expand to other types of OA publication costs