EVOLUCIONAMOS, CRECEMOS Y NOS PROYECTAMOS AL FUTURO

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REDI+: TOWARD AN ECUADORIAN RESEARCH REPOSITORY BASED IN CRIS

OPENREPOSITORIES2022

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ECUADORIAN RESEARCH REPOSITORY

2015

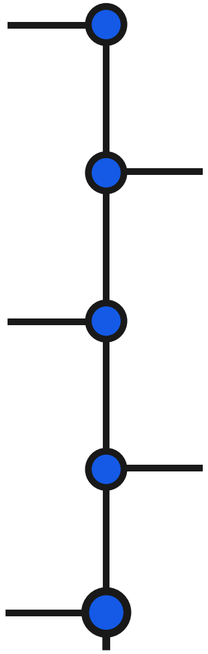
CEDIA implemented national aggregator - RRAAE
with 46 Dspace repositories
RRAAE was a member of project La Referencia
Driver 2.0

2020

300,000 Bibliographic resources
86 Repositories
52 Institutions
Dspace CRIS prototipe

2022

National research repository based in CRIS
CERIF
CRIS : DspaceCRIS/VIVO



2019

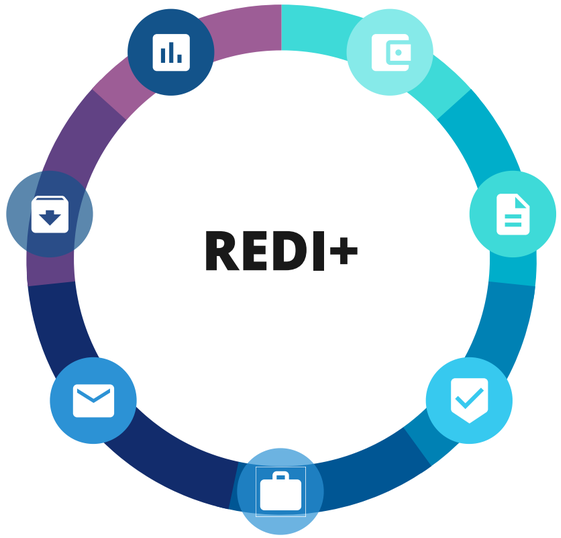
CEDIA established collaboration with
government- SENESCYT
Dspace Support like service
Implemented OpenAire 3.0 guideline

2021

442.786 Bibliographic resources
106 Repositories
65 Institutions

ECUADORIAN RESEARCH REPOSITORY BASED IN CRIS

- Bibliographic resources
- Research data
- Researcher profile - CV
- Patents



- Infrastructure Offer and demand technology of institución
- Research events/congress
- National metrics and indicators
- Programs & Grants

CRIS (Current Research Information Systems)
CERIF (Common European Research Information Format)
https://redi.cedia.edu.ec

ECUADORIAN RESEARCH REPOSITORY BENEFITS

- Research trends
- Institutional CRIS
- Collaboration network
- centralized search
- interoperability Standards
- National metrics and indicators

ECUADORIAN RESEARCH REPOSITORY PROCESS

HARVEST

Dspace/Dspace CRIS
VIVO
Open databases
OpenAire graph
Others

ENRICHMENT

Ontology
annotation
Mapping

PROCESSING

Data mining
Disambiguation

PERSIST

TripleStore
NoSQL Databases
Big Data

VISUALIZATION

Visualization models
D3
PowerBI

ECUADORIAN RESEARCH REPOSITORY INTEROPERABILITY

redi RED DE INVESTIGADORES

DATA INPUTS

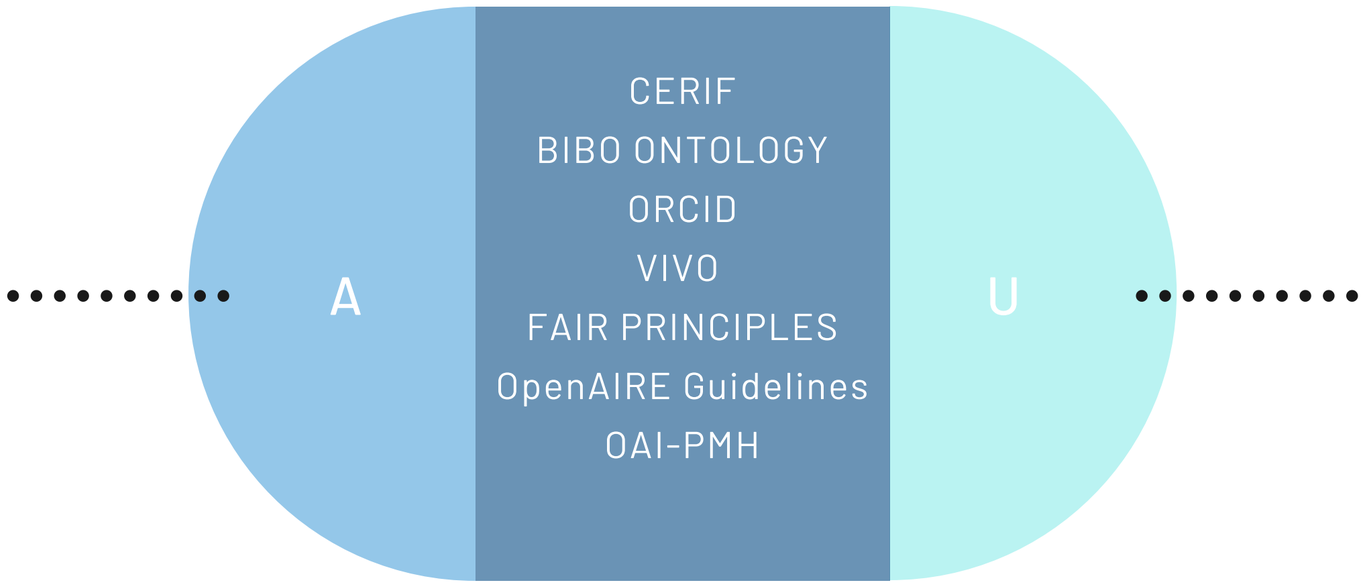
CRIS Universities

Dspace

Research databases

Data Repositories

DBPEDIA

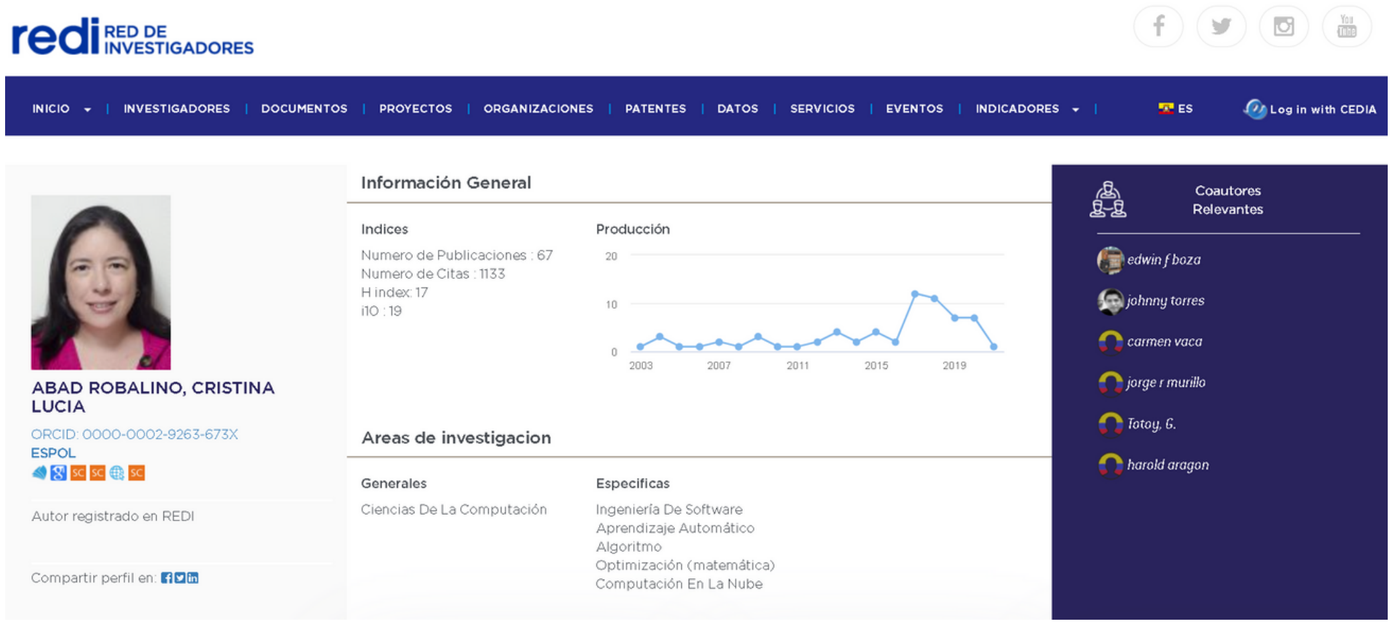


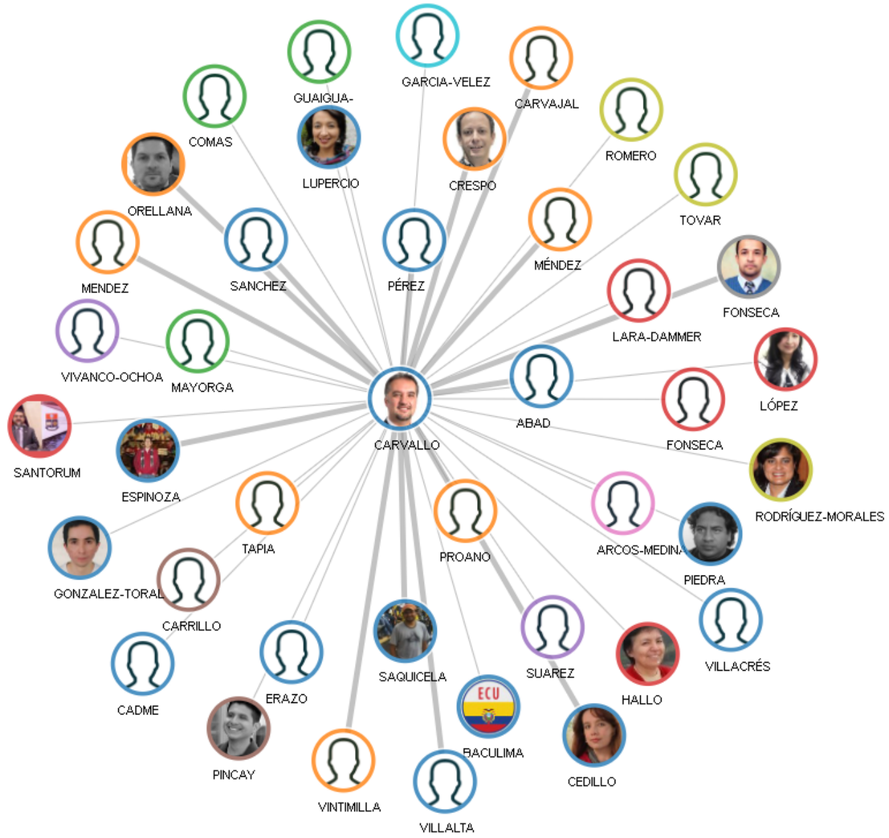
OUTPUT

API

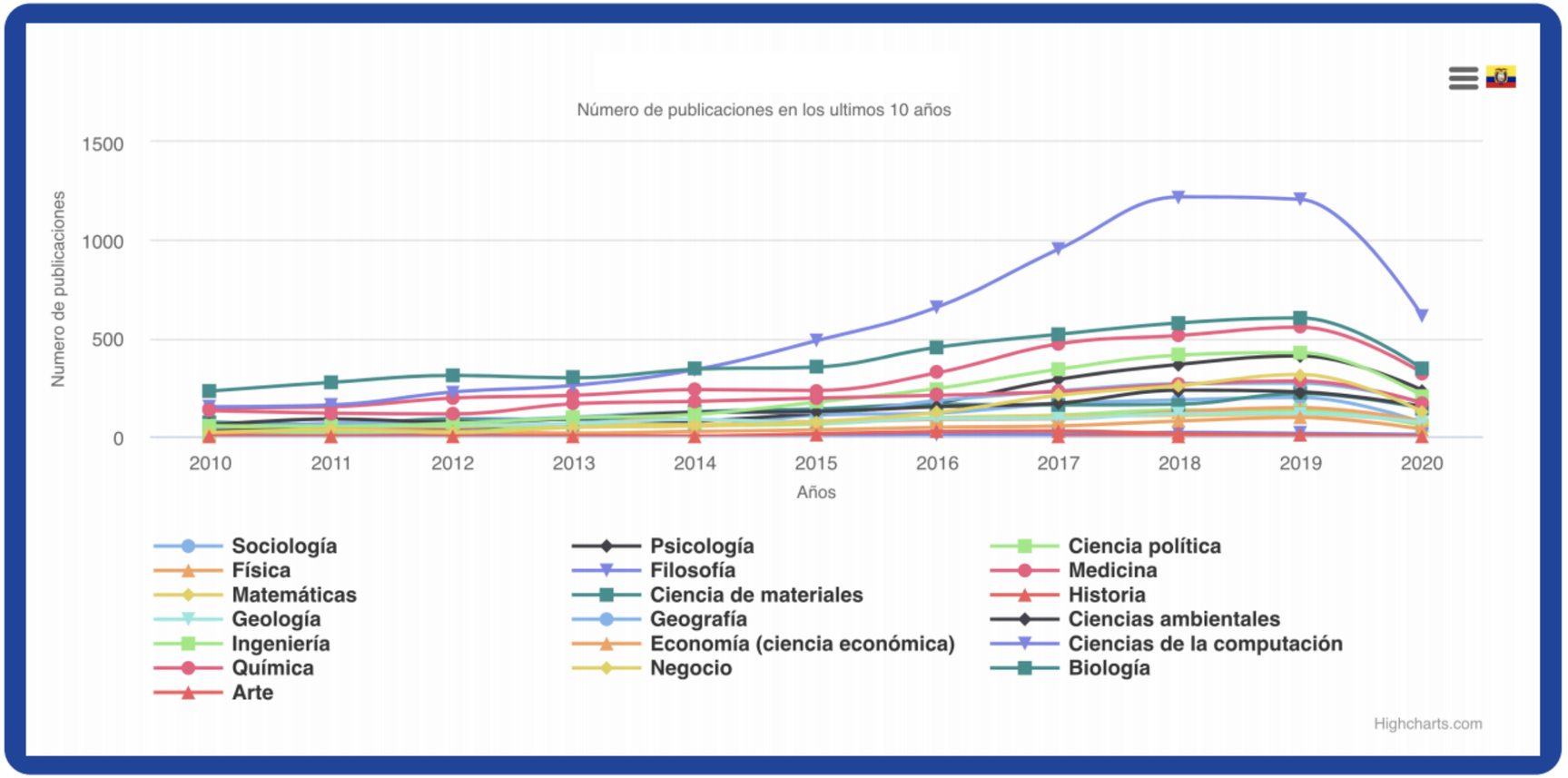
SPARQL ENDPOINT

RESEARCHERS CV





RESEARCH TRENDS



UNIVERSITY COLLABORATIONS

CONCLUSION & NEXT STEPS

F

VISIBILITY

Increase the visibility of Ecuadorian academic and research production

D

STANDARIZATION

Use best practices to manager research information

O

INCLUDE GRANTS & PROGRAMS

Show national and international research programs and grants.

A

WORK IN ADOPTION & POLICY

-Use and share the production of the research from the Ecuadorian community.
-Collaborate with public policy research to aid in development.

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THANK YOU

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