



4th LIS Academy
CONFERENCE
The Conference of Difference

2021



Research Information Management and Open Science



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Welcome to CLSTL 2019!

International Conference on Changing Landscape of Science & Technology Libraries

 **Event Date**

28th February to 2nd March 2019

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Index for today's talk

- What Research Information Management (RIM) and Current Research Information Systems (CRIS) are
- euroCRIS: a brief introduction
- Mapping the RIM landscape worldwide
- A case study in Open Science: snakebite-related research

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DEC

30

Some readings I read in 2021 that made me feel like I levelled up

2. Clarifying CRIS/RIM/RIS concepts

There was an explosion of institutional repositories in the 2010s, after which discussion moved to this new class of systems sometimes called CRIS (Current Research Information Systems) / RIM (Research Information Management) and RIS (Research Information Systems).

I never had a clear understanding of this area as this class of software because unlike say Central index Discovery systems, they seem to be very broadly defined in functionality and the scope and responsibility for them spanned the whole institution - covering not just the library but also the research office and more leading to great complexity.

Like many academic librarians, my understanding of what is going on in other parts of the institution can be limited....

Comparing across institutions seemed to be tricky, while there were software names people threw around like Elsevier's Pure, Exlibris's Esplo, Digital Science's Symplectic Elements, Vivo and the now seldom mentioned Converis by Clarivate I found it really hard to grasp what was going on.

This is where the [OCLC report - Research Information Management in the United States published](#) in Nov 2021 comes in handy.

November 2021

Research Information Management in the United States

By Rebecca Bryant, Jan Fransen, Pablo de Castro, Brenna Helmstutler, David Scherer

The *Research Information Management in the United States* two-part report series provides a first-of-its-kind documentation of RIM practices at US research universities that presents a thorough examination of RIM practices, goals, stakeholders, and system components.

Research information management (RIM) is a rapidly growing area of investment in US research universities. While RIM practices are mature in Europe and other locales in support of nationalized reporting requirements, RIM practices at US research universities have taken a different—and characteristically decentralized—course. A complex environment characterized by multiple use cases, stakeholders, and systems has resulted.

This report provides a landscape overview of the state of research information management in the United States, makes sense of the complexity, and offers recommendations targeted at University leaders and other institutional decision makers.

We hope that the information presented in this report can support library leaders in talking about RIM systems and practices with institutional stakeholders and to advocate for the role of the library in this work.

Part 1 - Findings and Recommendations

Part 2 - Case Studies

Reporting requirements, RIM practices at US research universities have taken a different—and characteristically decentralized—course. A complex environment characterized by multiple use cases, stakeholders, and systems has resulted.

Part 1—Findings and Recommendations

This report provides much-needed context for institutional leaders to examine their own local practices by proposing:

- A summary of six discrete RIM use cases
- A RIM system framework
- Recommendations for RIM stakeholders

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What RIM and CRIS Systems are



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Current research information system

From Wikipedia, the free encyclopedia

A **current research information system** (**CRIS**) is a [database](#) or other [information system](#) to store, manage and exchange contextual metadata for the research activity funded by a research funder or conducted at a research-performing organisation (or aggregation thereof).^[1]

CRIS systems are also known as Research Information Management or RIM Systems (RIMS).^{[2][3]}

Contents [hide]

- Features
- Use case
 - Research assessment
 - Research administration
 - Open Science implementation
 - Business intelligence
- See also
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Features [\[edit \]](#)

The data model underpinning a CRIS relies on a set of basic entities as defined by the Common European Research Information Format ([CERIF](#)) model maintained by the non-profit organisation euroCRIS.

The links connecting these entities provide a standardised semantic layer that provides consistency to the data model. The basic CERIF entities are **people, organisations, projects and outputs** (publications, research data, patents). Further second-level entities in the comprehensive snapshot of research provided by CERIF are for instance funding, research facilities and equipment or skills.

euroCRIS: promoting the use of CERIF



Mission

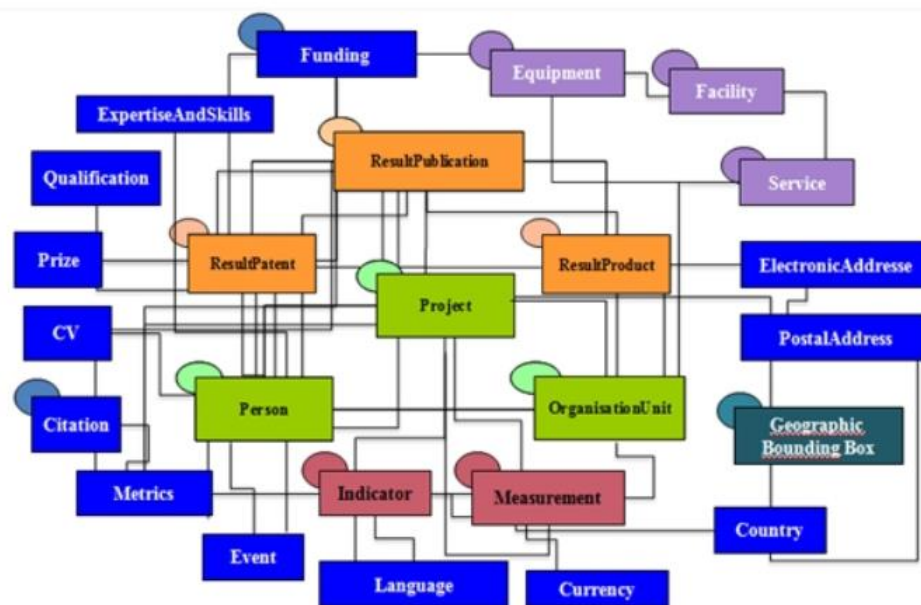
"To promote collaboration within the research information community and advance interoperability through CERIF"



Main features of CERIF

CERIF (the Common European Research Information Format) is:

- A concept about research entities and their relationships – Specification (Conceptual Level)
- A description of research entities and their relationships – Model (Logical Level)
- A formalization of research entities and their relationships – Database Scripts (Physical Level)



What is Research Information Management?

BMJ Global Health

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Research

Potential impact of introducing the pneumococcal conjugate vaccine into national immunisation programmes: an economic-epidemiological analysis using data from India

Itamar Megiddo^{1,2}, Eili Klein^{2,3}, Ramanan Laxminarayan^{1,2,4}

Author affiliations ✕

1. Department of Management Science, University of Strathclyde, Glasgow, UK
2. Center for Disease Dynamics Economics and Policy, Washington, District of Columbia, USA
3. Department of Emergency Medicine, Johns Hopkins University, Baltimore, Maryland, USA
4. Princeton Environmental Institute, Princeton University, Princeton, New Jersey, USA

Correspondence to

Dr Itamar Megiddo; itamar.megiddo@strath.ac.uk

Abstract

Pneumococcal pneumonia causes an estimated 105 000 child deaths in India annually. The planned introduction of the serotype-based pneumococcal conjugate vaccine (PCV) is expected to avert child deaths, but the high cost of PCV relative to current



Let's start with a publication –

<http://dx.doi.org/10.1136/bmjgh-2017-000636>

Research Information Management Systems

Research output > Contribution to journal > Article - Pure 5.13.1-1 - Google Chrome

https://pure.strath.ac.uk/admin/editor/dk/atira/pure/api/shared/model/researchoutput/editor/contributiontojournaleditor.xhtml?id=80313386

Id: 80313386

Potential impact of introducing the pneumococcal conjugate vaccine into national
Research output: Contribution to journal > Article

Change template

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HISTORY AND COMMENTS

History and comments

NOTIFICATIONS

Editors responsible for handling this submission: pablo.de-castro@strath..., sarah.scott@strath.ac.uk, l.gilkison@strath.ac.uk, judith.smart@strath.ac.uk, helen.cooper@strath.ac.uk, and 9 others

Peer-reviewed *

☒ Peer-reviewed ☐ Not peer-reviewed

Publication status ⓘ

Publication statuses and dates *

Accepted/In press 6 Apr 2018 Edit —

E-pub ahead of print 9 May 2018 **Current** Edit —

Add publication status and date...

Publication information ⓘ

Original language *

English

Title of the contribution in original language *

Potential impact of introducing the pneumococcal conjugate vaccine into national immunization programmes

Subtitle of the contribution in original language

an economic-epidemiological analysis using data from India

Abstract

Pneumococcal pneumonia causes an estimated 105,000 child deaths in India annually. The planned introduction of the serotype-based pneumococcal conjugate vaccine (PCV) is expected to avert child deaths, but the high cost of PCV relative to current vaccines provided under the Universal Immunization Programme has been a concern. Cost-effectiveness studies from high-income countries are not readily comparable because of differences in the distribution of prevalent serotypes, population, and health systems. We used IndiaSim, an agent-based simulation model representative of the Indian population and health system, to model the dynamics of *Streptococcus pneumoniae*. We estimate that

Last saved: 30/01/19 16:27

Status: Validated

Save

Metadata for a journal article is kept in the institutional Research Information Management System (CRIS) for reporting purposes – *including plenty of contextual information not usually available elsewhere*

Research Information Management Systems

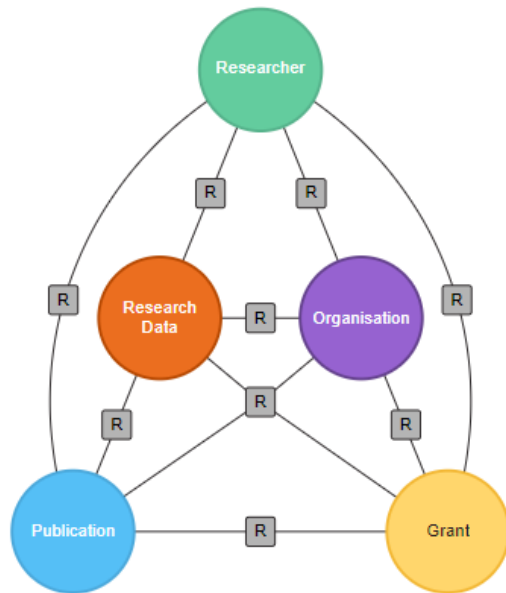
The screenshot shows the euroCRIS interface for editing a research output. The browser address bar shows the URL: <https://pure.strath.ac.uk/admin/editor/dk/atira/pure/api/shared/model/researchoutput/editor/contributiontojournaleditor.xhtml?id=83890318>. The page title is "Conundrum of γ glycine nucleation revisited: to stir or not to stir?". The left sidebar contains navigation tabs: EDIT (Metadata, Metrics), OVERVIEW (Relations, Fingerprints, Display), HISTORY AND COMMENTS (History and comments), and NOTIFICATIONS. The main content area shows the "Relations" section with various categories: Research Outputs, Activities, Prizes, Projects (highlighted with "Future Continuous Manufacturing and Advanced Crystallisation Research Hub (CMAC Hub)"), Impact, Datasets (highlighted with "Data for: 'Conundrum of gamma glycine nucleation revisited: to stir or not to stir'"), Facilities/Equipment, and Student thesis. The bottom status bar shows "Last saved: 21/02/19 10:12", "Status: Validated", and a "Save" button.

This may include information on:

- affiliations
- related research outputs (dissertations, patents)
- funded projects
- associated datasets
- research facilities
- ...

Research Graphs: Providing the Research Context...

Research Graph Schema



Research Graph schema is an accessible meta-model for connecting research objects. This schema is designed to provide a practical approach to construct large scale graphs from a distributed network of scholarly works, by following these design principles:

- **Inexpensive metadata harmonisation** by providing a simplified data model,
- **Efficient storage and compute** by providing a lean model that enables highly efficient graph algorithm on graphs more than 100M nodes, and
- **Ease of use** for developers and data scientists, making the Research Graph model highly accessible and interoperable.

This schema enables the rapid development of local, national, or domain-specific research graphs with a trade-off between practicality and completeness.

... and (much-needed) System Interoperability

CRIS systems are also known as Research Information Management or RIM Systems (RIMS).^{[2][3]}

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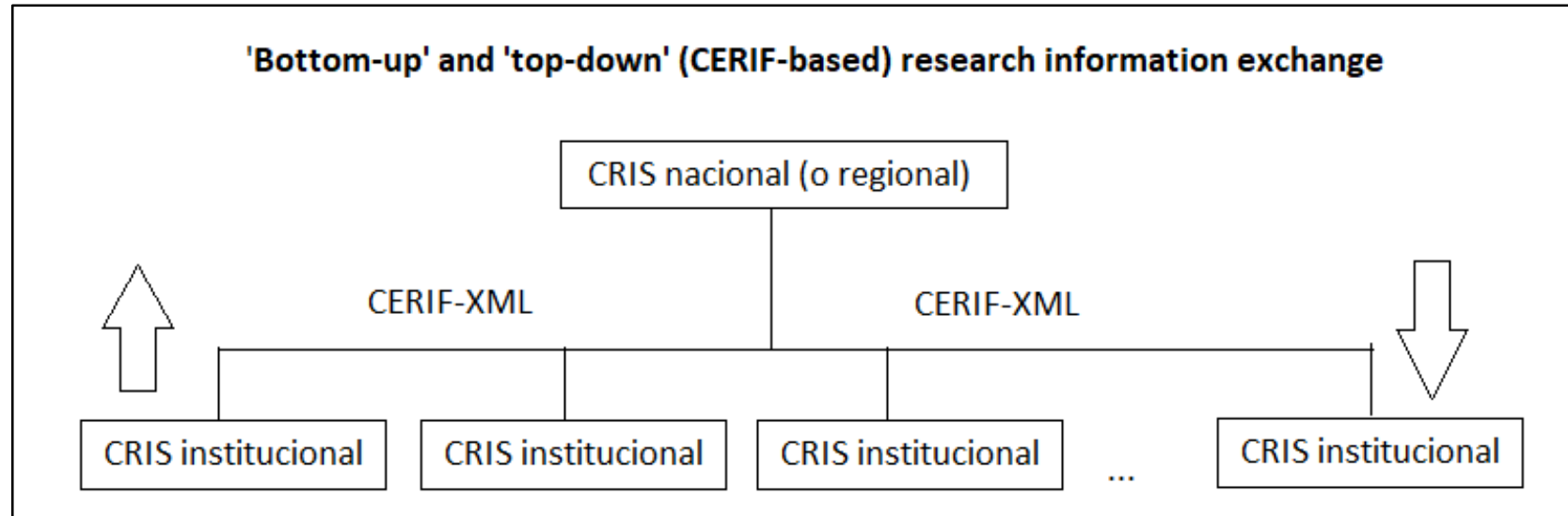
Features [\[edit\]](#)

The data model underpinning a CRIS relies on a set of basic entities as defined by the Common European Research Information Format ([CERIF](#)) model maintained by the non-profit organisation [euroCRIS](#).

The links connecting these entities provide a standardised semantic layer that provides consistency to the data model. The basic CERIF entities are **people, organisations, projects and outputs** (publications, research data, patents). Further second-level entities in the comprehensive snapshot of research provided by CERIF are for instance funding, research facilities and equipment or skills.

System interoperability lies at the core of CRIS operation, both from an internal and an external viewpoint. Internally, information is exchanged between the multiple information-gathering systems at institutions (HR systems, project management tools, finance management systems, etc.) and the one-stop-shop CRIS where all the institutional research information is kept. From an **external interoperability** perspective, metadata need to be exchanged between the systems at research-performing organisations where the research is actually conducted and the systems run by research funders and governmental bodies in charge of research assessment processes.^[4] By providing a standard approach to information description, the CERIF model becomes a key feature for enabling this system interoperability.

... and (much-needed) System Interoperability



... and (much-needed) System Interoperability

'Bottom-up' and 'top-down' (CERIF-based) research information exchange

FRIS
Research portal



Flanders
State of the Art

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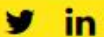
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The FRIS (Flanders Research Information Space) program has been established as close cooperation between the Department of Economics, Science and Innovation and the knowledge institutions in Flanders. With each of them, the Flemish government concluded the necessary agreements to allow data delivery from their systems to the FRIS portal. In this way, the institutions remain the authentic source of their own data, and the exchange of information no longer will be based on ad hoc collecting a set of data for FRIS.

Why research information is important

Abstract: Nowadays, there is full consensus that the promotion of Science, Technology and Innovation (STI) has a positive impact on the economic growth of a country. In Peru, the National System of STI doesn't have enough information for decision-making, because it doesn't have an information system to manage (collect, systematize, store and communicate) the data generated during execution of each activity carried out. In this context, CONCYTEC (public body in charge of the development of policies, regulations and promotion of activities related to the STI) is planning to build a tool to cover this need, project that has financial support from the World Bank. To fulfill this task in order to cover the needs of all the actors involved in STI in the country, a study was carried out at a national level to know the current state of the processes and the computer supports of the research centers, research institutes and universities of the country to know their needs, and be able to pursue a common goal.

euroCRIS
Current Research Information Systems

The International Organisation for Research Information

Repository
Digital Collections
Research Outputs
People
Organizations
DRIS
Help

EuroCRIS / EuroCRIS Research Output / Conference

Title:

Current Status of Research Information Management in Peru

Authors:

Melgar-Sasieta, Héctor-Andrés
Brossard-Núñez, Ian-Paul
Olivares-Poggi, César-Augusto

Keywords:

research information management
current research information systems
national CRIS
Peru

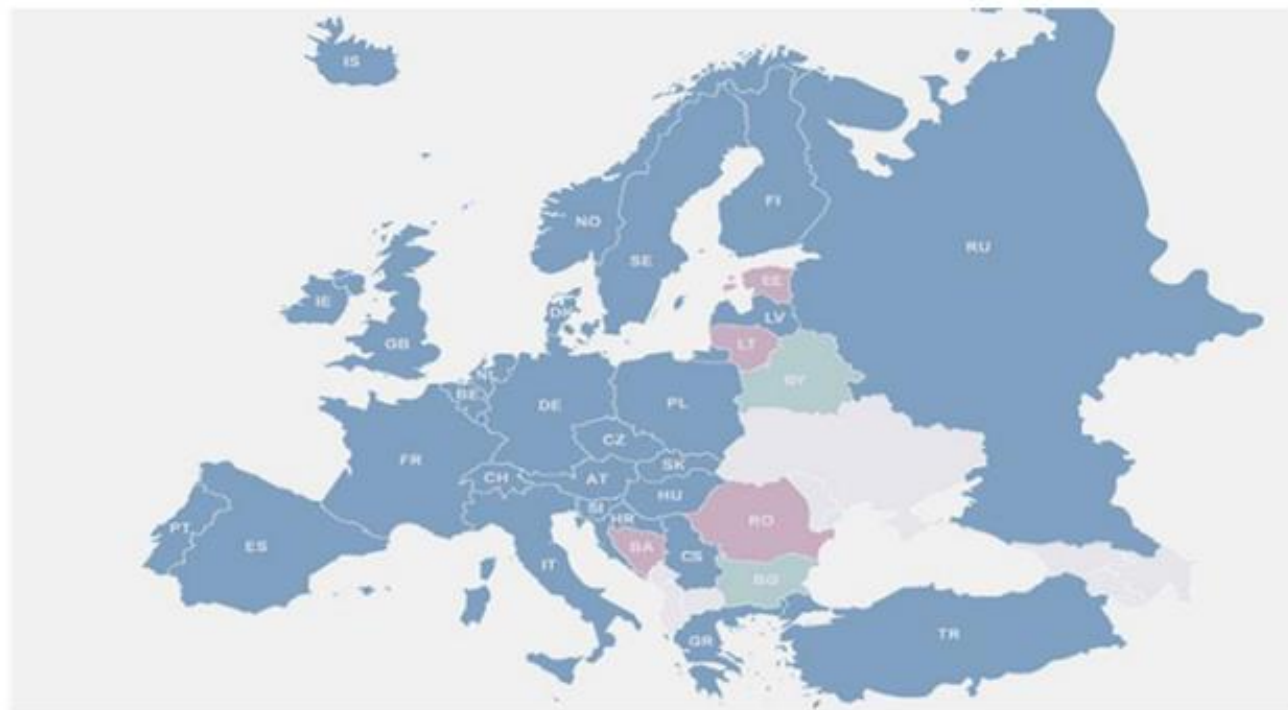
euroCRIS: fostering collaboration

Membership



Mission

"To promote collaboration within the research information community and advance interoperability through CERIF"



Members outside Europe:

Australia - Brazil - Canada - China - Colombia - India - Iran - Israel -
Malaysia - Nigeria - Pakistan - Peru - South Korea - US

200+ members from 45 countries (mainly Europe)

euroCRIS: fostering collaboration

Title:	IRINS: The Indian Research Information Network System
Authors:	Kannan P  Siva Shankar, Kimidi 
Keywords:	research information management;current research information systems;Indian Research Information Network System (IRINS);Information and Library Network (INFLIBNET) Centre;India
Issue Date:	20-Nov-2019
Publisher:	euroCRIS
Series/Report no.:	Autumn 2019 euroCRIS Strategic Membership Meeting (WWU Münster, Germany, Nov 18-20, 2019)
Conference:	Strategic Membership Meeting 2019 – Autumn (Münster) 
Abstract:	With 93 implementations listed in the euroCRIS DRIS as of Nov 2019, the Indian Research Information Network System (IRINS) is the default research information management service in the country. Developed by the Information and Library Network (INFLIBNET) Centre in collaboration with the Central University of Punjab, IRINS is a free, web-based platform providing information on persons (researchers)... 
Description:	15 slides.-- Presentation delivered within the "Emerging CRIS infrastructure" session
URI:	http://hdl.handle.net/11366/1236
Appears in Collections:	Conference

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LINKING RESEARCH INFORMATION ACROSS DATA SPACES

15th International Conference on Current Research Information
Systems (CRIS2022)

Dubrovnik, Croatia

May 12-14, 2022

Browse

Search the Directory of Research Information System (DRIS)



Discover

Country

India	362
Norway	132
Italy	76
United Kingdom	72
United States	43

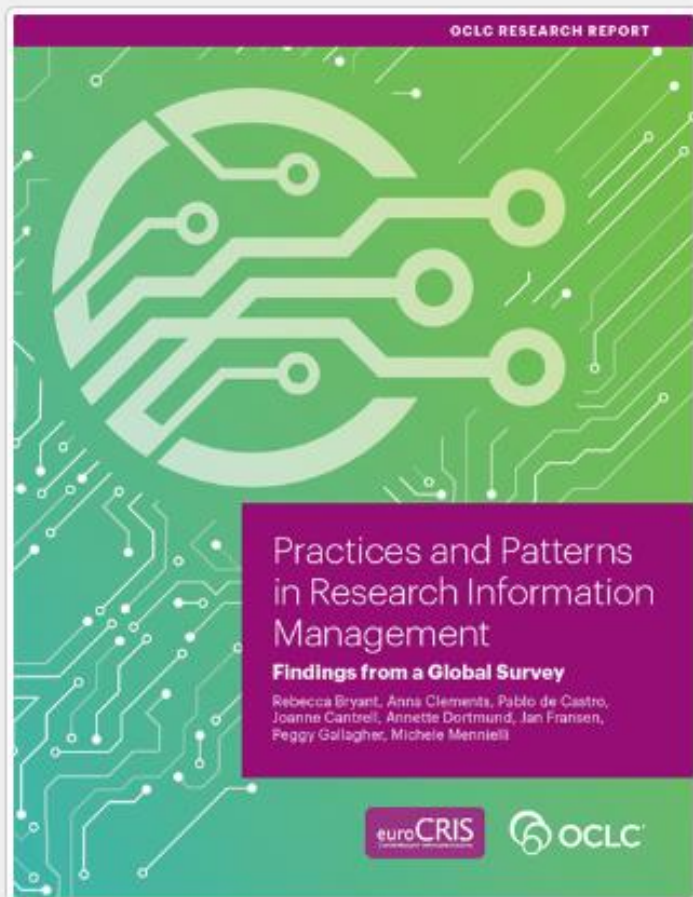
Software

IRINS	361
Pure	172
CRIStin	131
In-house-built	74
IRIS	70

Status

Operational	945
Under Construction ...	22
Closed ...	2
In Preparation ...	1

RIM survey report (Dec'2018)



Practices and Patterns in Research Information Management: Findings from a Global Survey

Rebecca Bryant
OCLC Research

Anna Clements
University of St Andrews and euroCRIS

Pablo de Castro
University of Strathclyde and euroCRIS

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Readers on

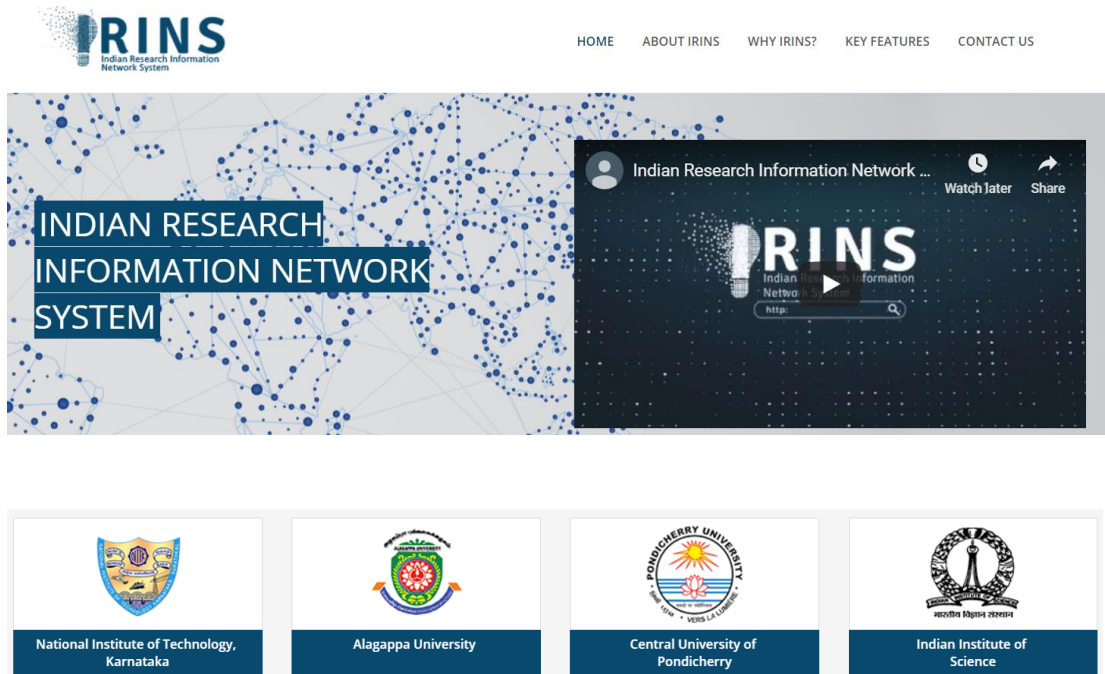
- 49 Mendeley

<https://doi.org/10.25333/bgfg-d241>

(Broad) RIM Landscape in India*

			All respondents										
			What are your current areas of responsibility?*										
		Please choose the status that best describes your institution's research information management (RIM) implementation stage.											
NewID	ID		S4Q1 Areas_a	S4Q1 Areas_b	S4Q1 Areas_c	S4Q1 Areas_d	S4Q1 Areas_e	S4Q1 Areas_f	S4Q1 Other.	S4Q2 What is your primary level of responsibility?	S4Q1 Other	S4Q3 Country	Region
Eng342	342	Implementing	Library							Librarian		Poland	EMEA
Eng345	345	Implementing	Research administration IT/Systems							Administrator (Provost/Chancellor)		India	EMEA
Eng348	348	Implementing	Library							Librarian		India	EMEA
Eng346	346	Not considering	Library							Librarian		India	EMEA
Eng352	352	Not considering	Library IT/Systems							Manager/Coordinator		United Kingdom	EMEA

- Indian RIM landscape very poorly captured in the survey snapshot
- There will be further survey iterations in order to explore identified trends in RIM evolution
- Joining the euroCRIS DRIS (Directory of Research Information Systems) can be considered in the meantime



(Updated) RIM Landscape in India

dspacecris.eurocris.org/cris/explore/dris

euroCRIS

Current Research Information Systems

The International Organisation for Research Information

Repository

Digital Collections

Research Outputs

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Help

Q Sign on to:

EuroCRIS / DRIS

Browse

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Country

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Search

Search the Directory of Research Information System (DRIS)

Discover

Country

Software

Status

India	362
Norway	132
Italy	76
United Kingdom	72
United States	43
Germany	38

IRINS	361
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CRIStin	131
In-house-built	74
IRIS	70
Omega-PSIR	34

Operational	945
Under Construction ...	22
Closed ...	2
In Preparation ...	1

IRINS instances in operation (Dec'2021)





The Rise of Current Research Information Systems (CRIS): The Case of the Indian Research Information Network System (IRINS)

AUTHORS

Pablo de Castro, Siva Shankar Kimidi, Nalan Kannan

AUTHOR ASSERTIONS

Conflict of Interest: No ▾

Public Data: No ▾

Page: 1 of 18 — + Automatic Zoom

Pre-print submitted to the Journal of Research Management and Administration (JoRMA)

The Rise of Current Research Information Systems (CRIS): The Case of the Indian Research Information Network System (IRINS)

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⁴ Central University of Punjab Library, Mansa Rd, Bathinda, Punjab 151001, India

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Serhii Nazarovets
has endorsed
this work.



Abstract

The paper describes the rapid arising of a national-level research information management infrastructure (RIM) in India as a case study for a bottom-up Current Research Information System (CRIS) implementation strategy. Less than a year and a half after its first launch, the Indian Research Information Network System (IRINS) has become a ...

Why is a snapshot of the international RIM landscape relevant?



Heat and Drought Wheat
Improvement Consortium

“ The world’s poorest people are the most vulnerable to climate change. This includes both farmers who grow wheat to feed their communities, and poor urban consumers who would suffer the most from food shortages and price hikes.

Because we’re often talking *global research challenges*

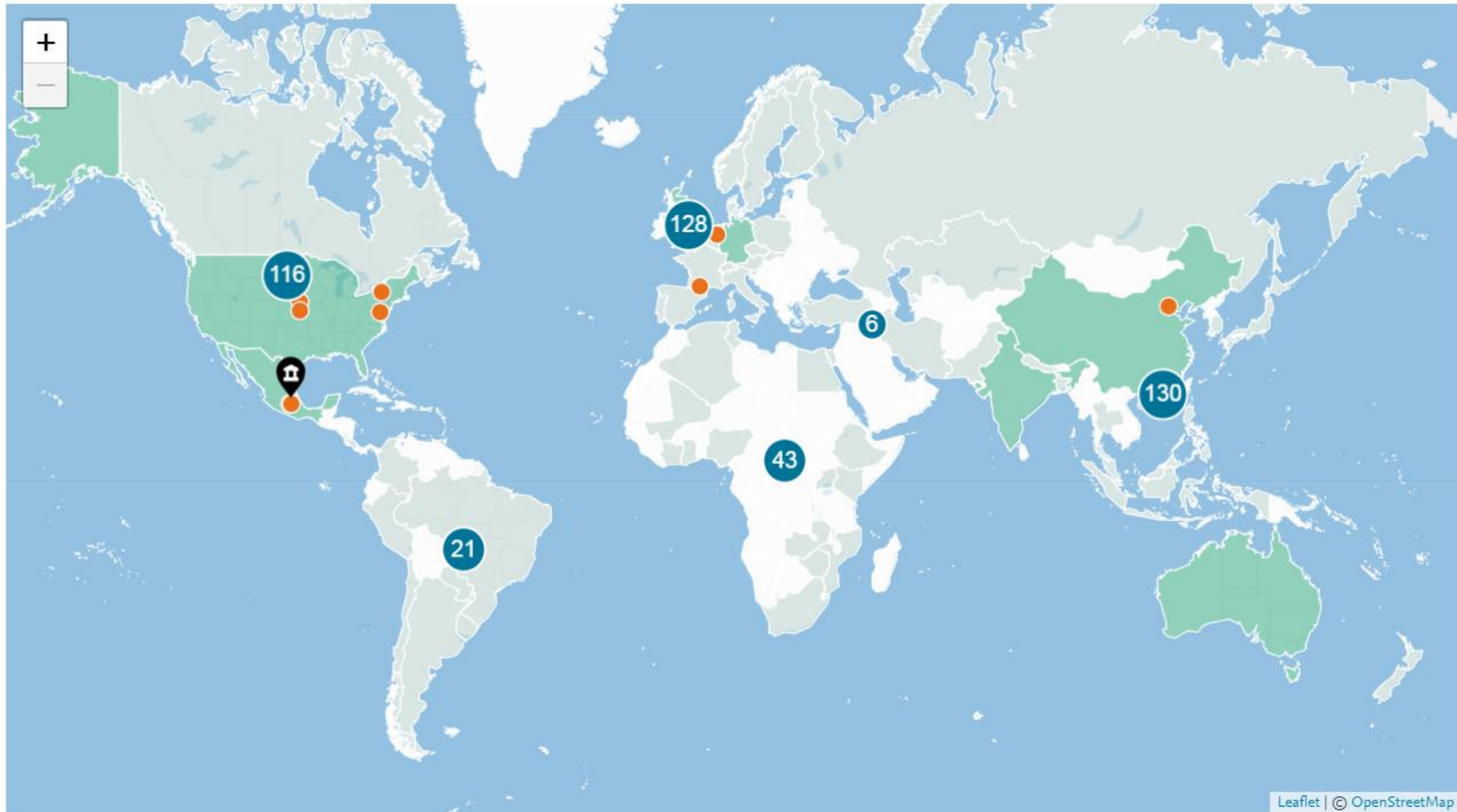
Institutions collaborating with International Maize and Wheat Improvement Center



444 collaborating institutions



578 co-authored publications



Leaflet | © OpenStreetMap



578 co-authored publications



RIM Case Study: Snakebite-related Research

> November 2021



3 translations

A HEALTH CRISIS THAT COULD BE PREVENTED

India's silent but deadly killer

India suffers more snakebite fatalities than any other country, and many are children. Why has the country's huge pharmaceutical industry failed to tackle this neglected tropical disease?

BY ALEXIA EYCHENNE & ROZENN LE SAINT



Rare skill: Irula snake catcher harvesting cobra venom, near Chennai, November 2016
Arun Sankar - AFP - Getty



This project supports Goal 3 of the UN SDGs: Ensure healthy lives and promote well-being for all at all ages, and in particular Target 3.3 on ending neglected tropical disease.

The Sustainable Development Goals



<https://mondediplo.com/2021/11/13snakes>

Snakebite-related Research: Funded Research Projects (UK)



UK Research
and Innovation

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snakebite

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Please select the required search fields:

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Projects (7)

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People (14)

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Outcomes (40)

Classifications (0)

Start Date

End Date

Funded Value

Relevance ▼

CSV

25

50

100

Apply Filter

Clear All

Help

£492,568
Oct 18 - Sep 22

Developing a cocktail of enzyme inhibitors to universally treat haemotoxicity caused by snakebite
MRC award to Liverpool School of Tropical Medicine and Nicholas Robert Casewell

Sep 16 - Sep 20

Development of a novel therapeutic to treat snakebite induced necrosis in sub-Saharan Africa
MRC award to Liverpool School of Tropical Medicine

£983,759
Jul 20 - Jun 24

Rational design of rapidly translatable, highly antigenic and novel recombinant immunogens to address deficiencies of current snakebite treatments
UKRI award to Liverpool School of Tropical Medicine and Stuart Ainsworth

£512,672
Mar 17 - Feb 20

Health in a changing climate: the dynamic challenge of snake bite in South Asia
MRC award to Liverpool School of Tropical Medicine and David Lalloo

Refine by :

Project Status

☐ Active (3)

☐ Closed (4)

Funded Amount

☐ Up to £100K (3)

☐ £100K to £1M (4)

☐ £1M to £10M

☐ Above £10M

Region

☐ East Midlands

☐ East of England

‘Dimensions’: a quick way to get a global snapshot



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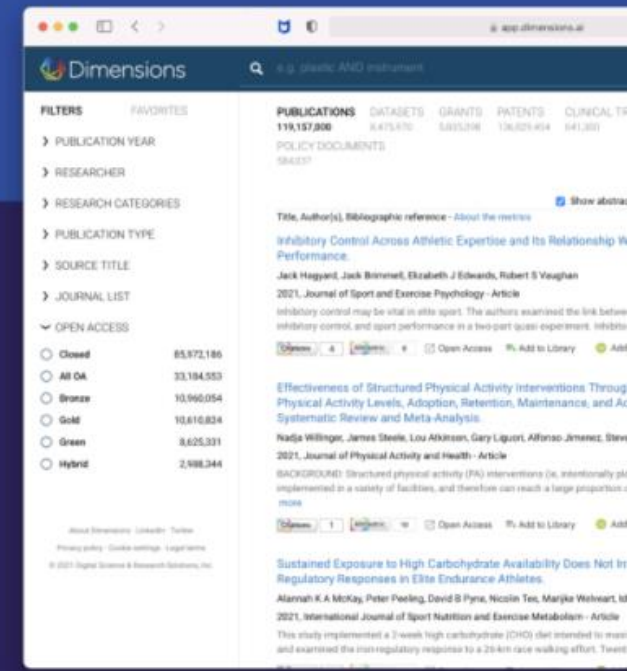
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- ☐ 2020 2,143
- ☐ 2019 1,676
- ☐ 2018 1,452
- ☐ 2017 1,304
- ☐ 2016 1,395
- ☐ 2015 1,187
- ☐ 2014 1,069
- ☐ 2013 930
- ☐ 2012 1,322

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28,571	417	161	4,528	38

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568

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Retrospective hospital-based study on snakebite envenomation in Sudan

Huda Khalid, Rasha S Azrag
2021, Transactions of the Royal Society of Tropical Medicine and Hygiene - Article

BACKGROUND: Snakebite statistics are lacking in Sudan despite the high estimated burden. In this study we aimed to describe the incidence of snakebite envenomation and death in Sudan and to show the s...
[more](#)

6 View PDF Add to Library

Analysis of snakebite data in Volta and Oti Regions, Ghana, 2019

Baba Ceesay, Abdoulie Taal, Momodou Kalisa, Magdalene Akos Odikro, David Agbope, Ernest Kenu
2021, Pan African Medical Journal - Article

Introduction: globally about 5.4 million people are affected by snakebite annually leading to 2.7 million cases of snakebite envenoming and 81,000-138,000 deaths. In sub-Saharan Africa, the burden of ... [more](#)

View PDF Add to Library

The Burden of Snakebite in Rural Communities in Kenya: A Household Survey.

Gaby I Ooms, Janneke van Oirschot, Benjamin Waldmann, Dorothy Okemo, Aukje K Mantel-Teeuwisse, He...
2021, American Journal of Tropical Medicine and Hygiene - Article

Annually, about 2.7 million snakebite envenomings occur worldwide, primarily affecting those living in rural regions. Effective treatment exists but is scarce, and traditional treatments are commonly ... [more](#)

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FAVORITES

☐ 2021	2,294
☐ 2020	995
☐ 2019	684
☐ 2018	715
☐ 2017	677
☐ 2016	744
☐ 2015	435
☐ 2014	480
☐ 2013	438
☐ 2012	574

> PUBLICATION TYPE

398

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Snakebite-related research: most prolific researchers

Name Organization, Country	↓ Publications	Citations	Citations mean
José Mari A Gutiérrez University of Costa Rica, Costa Rica	382	15,956	41.77
Bruno Lomonte University of Costa Rica, Costa Rica	189	7,759	41.05
Geoffrey Kennedy Isbister University of Newcastle Australia, Australia	168	3,862	22.99
Juan José Calvete Biomedical Institute of Valencia, Spain	158	8,073	51.09
Rainer W Bussmann Ilia State University, Georgia	154	1,406	9.13
David A Warrell University of Oxford, United Kingdom	152	7,425	48.85
Narel Y Paniagua-Zambrana Higher University of San Andrés, Bolivia	112	418	3.73
Andreimar Martins Soares Federal University of Rondônia, Brazil	107	2,391	22.35
Jean-Philippe Chippaux Pasteur Institute, France	100	2,627	26.27
Nicholas Robert Casewell Liverpool School of Tropical Medicine, United Kingdom	99	2,944	29.74
Julian White Women's and Children's Hospital, Australia	95	2,081	21.91

University of Costa Rica institutional CRIS: SIGPRO



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Sistema de Información y Gestión
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serpientes

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Listado general de
proyectos



Listado general de
investigadores



Listado general de
unidades de investigación

Proyectos

Mostrando: 2 ítems coinciden con "serpientes"

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DESCRIPCIÓN	INVESTIGADORES	ESTADO
C2075 CARACTERIZACIÓN DE LOS VENENOS DE LAS SERPIENTES DEL GÉNERO METLAPILCOATLUS SPP. (VIPERIDAE): PERFILES DE COMPOSICIÓN, TOXICIDAD, Y NEUTRALIZACIÓN CRUZADA POR EL ANTIVENENO POLIVAL-ICP	Bruno Lomonte Vigliotti Fabián Bonilla Murillo Mahmood Sasa Marín Natalia Ortiz Chaves Arturo Chang Castillo Cecilia Díaz Oreiro Adriana Alfaro Chinchilla	➡ Desarrollo
C0061 ESTUDIO DE LA COMPOSICIÓN PROTEÓMICA, ACTIVIDADES TÓXICAS, INMUNORECONOCIMIENTO Y NEUTRALIZACIÓN DEL VENENO DE BOTHRIECHIS NUBESTRIS: LA MÁS RECIENTE ESPECIE IDENTIFICADA DE LAS SERPIENTES VENENOSAS DE COSTA RICA	Julian Fernandez Ulate Bruno Lomonte Vigliotti	✅ Terminado

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Investigador(a)

Bruno Lomonte Vigliotti

Correo electrónico: BRUNO.LOMONTE@ucr.ac.cr

Categoría Régimen Académico: CATEDRÁTICO
Grado Académico: DR.
Unidad Base: FACULTAD DE MICROBIOLOGÍA

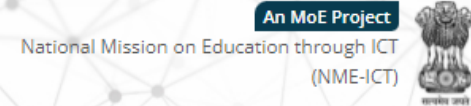
- Proyectos
- Publicaciones Kérwá

PROYECTOS

Mostrando 70 proyectos

NÚM. DE PROYECTO	DESCRIPCIÓN	UNIDAD DE INVESTIGACIÓN	ESTADO ▾
C2076	ESTUDIO BIOQUÍMICO Y PROTEÓMICO COMPARATIVO DE LOS VENENOS DE ESCORPIONES DEL GÉNERO TITYUS QUE HABITAN DIFERENTES REGIONES DE COSTA RICA	Instituto Clodomiro Picado	➡ Desarrollo
C2075	CARACTERIZACIÓN DE LOS VENENOS DE LAS SERPIENTES DEL GÉNERO METLAPILCOATLUS SPP. (VIPERIDAE): PERFILES DE COMPOSICIÓN, TOXICIDAD, Y NEUTRALIZACIÓN CRUZADA POR EL ANTIVENENO POLIVAL-ICP	Instituto Clodomiro Picado	➡ Desarrollo
C2068	ANÁLISIS INFORMÁTICO DE DATOS OBTENIDOS POR ESPECTROMETRÍA DE MASAS TOP-DOWN DE VENENOS DE SERPIENTES CORALES DE COSTA RICA	Instituto Clodomiro Picado	➡ Desarrollo
C0215	SÍNTESIS Y CARACTERIZACIÓN DE DERIVADOS ANIÓNICOS DEL ÁCIDO 3-AMINO-5-NITROBENZOICO: EVALUACIÓN DE SUS PROPIEDADES SURFACTANTES, SU ACTIVIDAD INHIBITORIA Y SU ACTIVIDAD ANTIMICROBIANA	Escuela De Química	➡ Desarrollo
C0074	EVALUACIÓN DEL POTENCIAL CITOTÓXICO DE LAS FOSFORAMAS A2 ACÍDICAS DE LOS VENENOS DE LA	Instituto Clodomiro Picado	➡ Desarrollo

VIDWAN: a National Experts Portal in India



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Dr Robin Doley Professor

Expert ID : 48120

Miscellaneous Biology

Snake venom biochemistry & Structure-function study of venom proteins

Tezpur University Assam

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Dr MEENATCHISUNDARAM SUBRAMANI

Expert ID : 95496

Associate Professor

Biology

Expert in Development of Chicken Egg Yolk Antibodies against Snake Venoms

Sri Nehru Maha Vidyalaya College of Arts and Science Tamil Nadu

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Vidwan-ID : 48120

Vidwan Score

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58

ARTICLES



1

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4

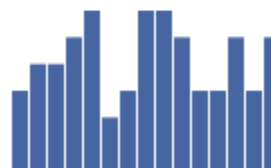
PROJECTS

Dr Robin Doley

Professor

Tezpur University

Publications 2003 - 2021



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 Funding Agency : DBT

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2. Isolation, identification and characterization of marker proteins from the venom of *Naja kaouthia* and *Bungarus fasciatus* of North East India for development of rapid diagnostic tool for identification snakebite in North East India

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Funding Agency : ICMR

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Study for label free optical protein using Surface Plasmon Resonance

Funding Agency : DST

On-going Co-PI ₹ 47.521 lakhs

Doctoral Theses Guided

2019 Expression and characterization of Kunitz inhibitor from the venom of Bungarus flaviceps
Tezpur University, Dr. Simran Kaur

2016 Studies on the crude venom and purified three-finger toxin of Naja kaouthia from North East India
Tezpur University, Dr. Diganta Das

2016 Proteomics of Indian *Daboia russelii* venom (Irula) and characterization of a major protein
Tezpur University, Late Dr. Maitreyee Sharma

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How to improve an IRINS instance

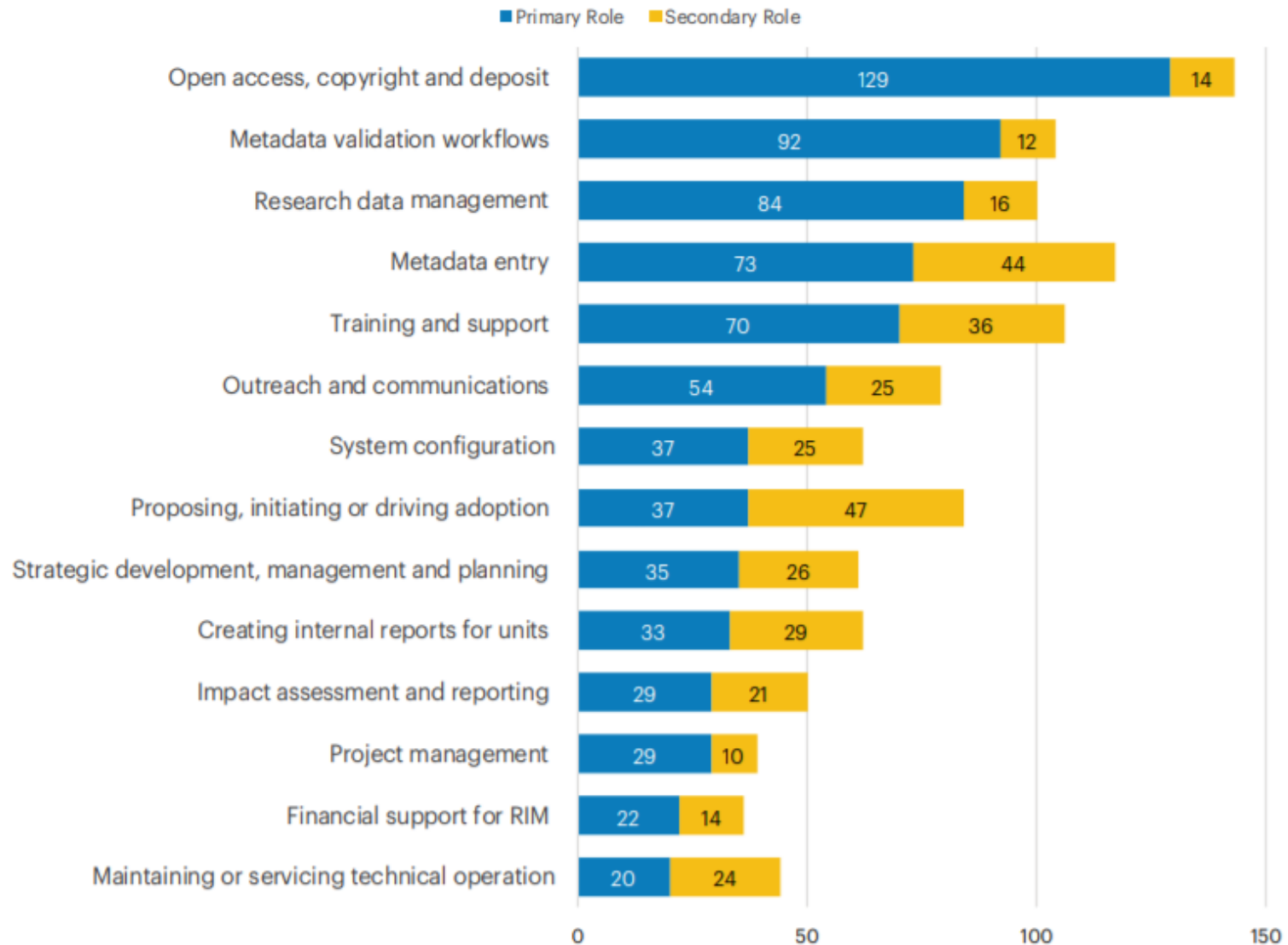
CONTENT

- Non-English research publications
- Research collaborations (also with Industry)
- Funding information: funded projects and their associated research funders
- Connection to full-text files (openly available whenever possible)

INTEROPERABILITY

- Technical: Interoperability guidelines based on CERIF model
- Social: establish contact with research administration colleagues (project proposals and management)

RIM Activities for which the Library Plays a Role (n=172)



The Role of Current Research Information Systems (CRIS) in Supporting Open Science Implementation: the Case of Strathclyde

Pablo de Castro



Abstract

CRIS systems are playing an increasingly relevant role in the implementation of Open Access and Research Data Management (RDM) policies at research-performing organisations. This is not just because of the deep insight these systems provide into the workflows that underpin the institutional research activity, but also because they allow an effective teamworking across institutional research support units, which critically include research libraries.

This article describes the way the institutional Pure CRIS is used at the University of Strathclyde in Glasgow to support the implementation of Open Science in collaboration with the researchers themselves and with the institutional Research Office. In terms of training, which is in itself an important and often challenging part of the effort towards Open Science implementation, the key objective is to make researchers aware that all the seemingly independent processes they're being asked to carry out on top of their research activity are interconnected and are part of the same drive towards openness and digital science.

Finally, the paper describes the international collaboration networks for the realisation of Open Science that the University of Strathclyde is involved in and some of the areas where this cross-institutional collaboration is taking place.

Keywords

Open Science; Research Information Management; Open Access; Research Data Management; Scholarly Communications; Current Research Information Systems (CRIS); Institutional case studies



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Thanks!

Questions?



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euroCRIS Secretary

Open Access Advocacy Librarian

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<http://orcid.org/0000-0001-6300-1033>