

# Data Ethics, Governance, and Partnerships

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# INDIANA UNIVERSITY BLOOMINGTON **OSTROM WORKSHOP**

Ostrom Workshop focuses on the study of governance as it relates to a variety of research areas. The Workshop has established (or is in the process of establishing) three research programs: Cybersecurity and Internet Governance; Natural Resource Governance; and Political, Economic, and Legal Institutions and Organizations.



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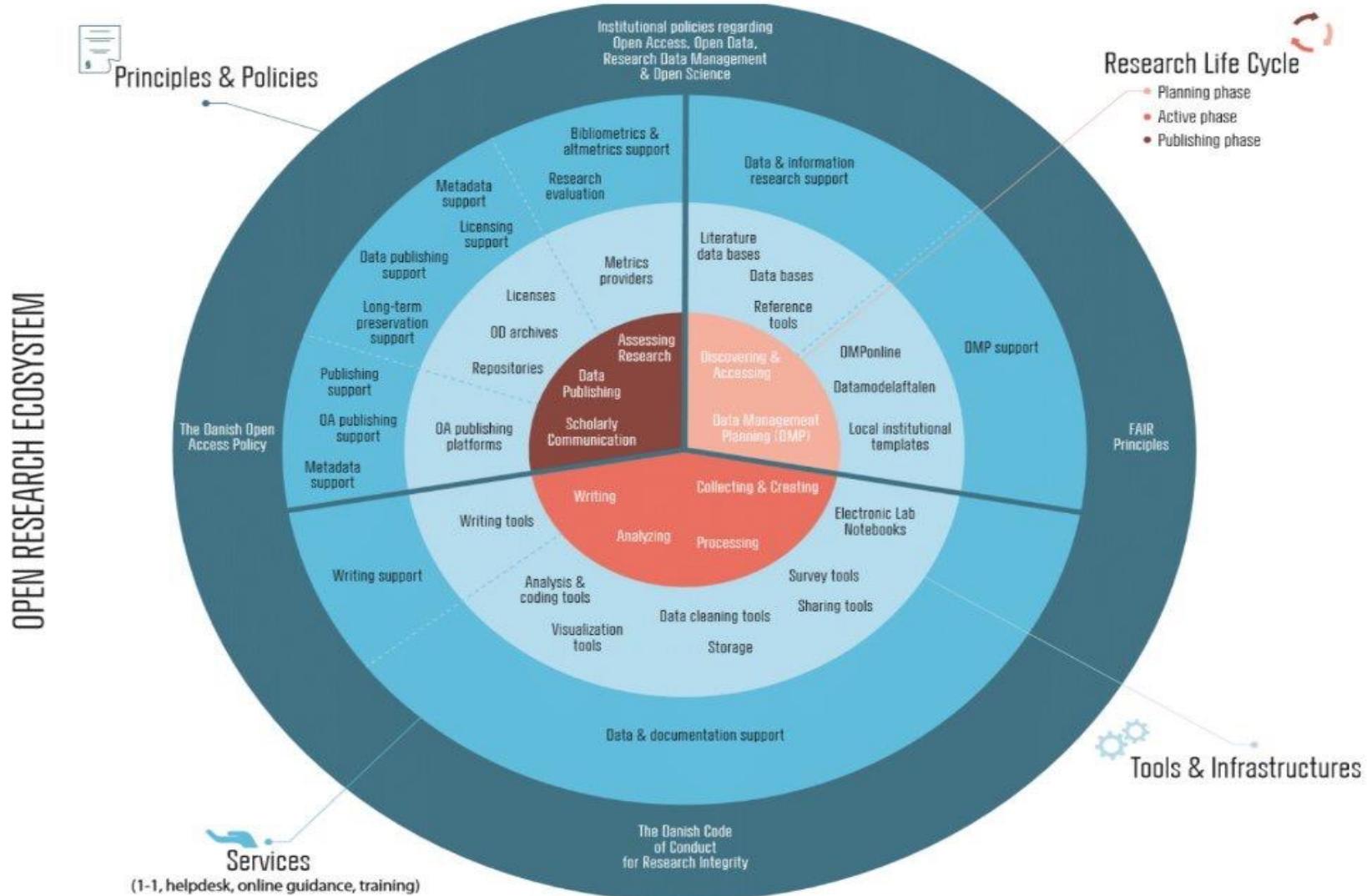
**Program on Data Management  
and Information Governance**

## The Program aims to:

create a series of multi-disciplinary, multi-sector, multi-stakeholder partnerships that foster discussions around data management and information governance, including the impacts that such uses have upon individuals, businesses, industries, and communities.

## I am now certain...

- The solution likely exists within a ‘Governance of the Commons’ approach- where multi-stakeholder communities begin to examine the issue as a KNOWLEDGE COMMONS.
- At the heart of this is a new way of looking at what is shared or should be shared in the world around us.
- It focuses on collective action and the importance of understanding who shares what, how we share it, and how we sustain commons for future generations



# Summary

- Privacy and other legal regimes are siloed (in the US) based on type of data, or the institutions holding/using/storing it
- We need to think more in terms of an ecosystem (hence the Commons approach)
- As new technology and sheer size and velocity of data integrations is allowing non-private, non sensitive data to be aggregated in ways that lead to impactful uses

# Spectrum of Risk Model

1. Entity Identification, Data/Information in Question, and Intended Use
2. Risk and Consequences -
3. Probability - probability of the risk occurring.
4. Impact - what is the impact on the various stakeholders if the risk should occur
5. Priority - based on impact and the probability of occurrence
6. Mitigation Response - a brief overview of mitigation steps to eliminate or reduce the risk.

# INDUSTRY KEY RECOMMENDATIONS

1. Incorporate Impact Assessment
2. Insist Upon Privacy by Design
3. Eliminate Emotionally Crafted Narratives and Bad Data Science
4. Create Auditable Machine Learning Algorithms

## RECOMMENDATIONS FOR POLICY MAKERS

1. Reject the 'Privacy' Narrative
2. Reject Property as the Guiding Law
3. Reject Solutions Designed in a Paper Based World
4. Embrace Being Uncomfortable
5. Embrace the Spectrum of Risk Analysis
6. Embrace Outcome Based- Impact Assessment



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