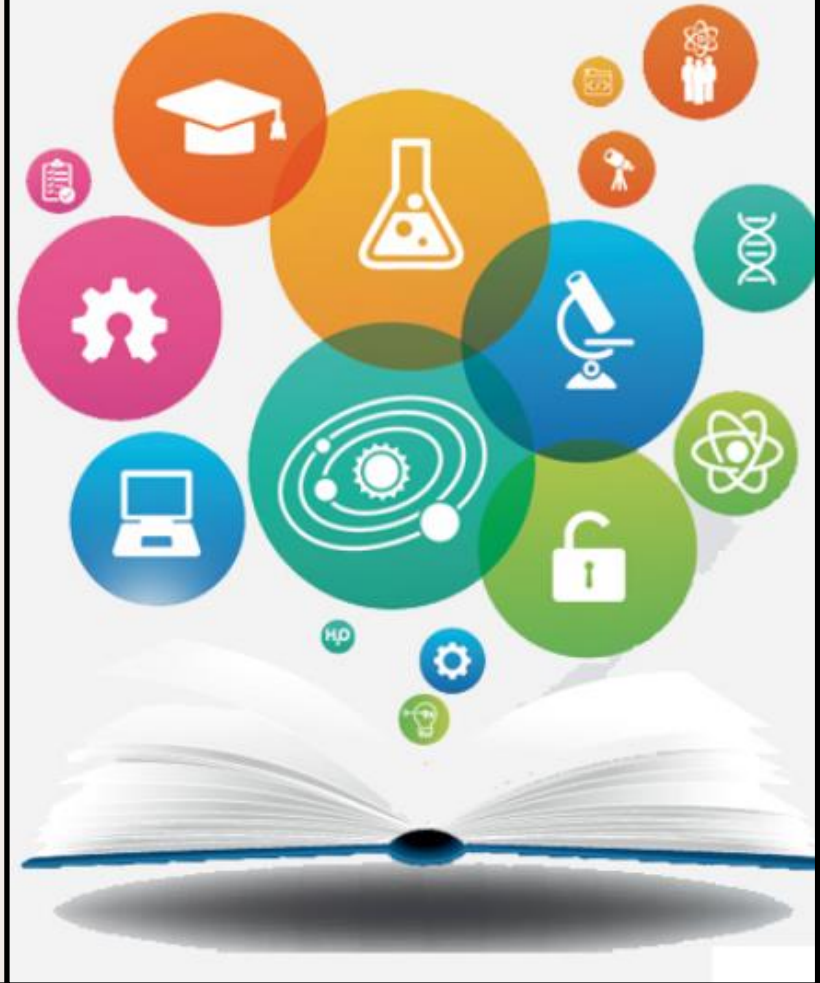
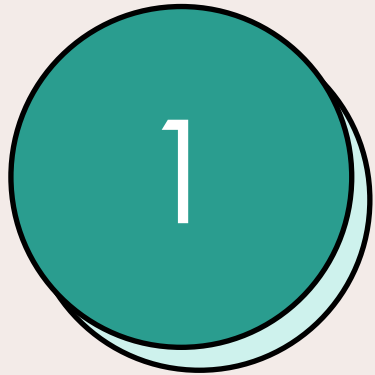


Open Research in Nova Scotia

Maria Pawlowska, PhD
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Agenda



Introduction to
Open
Research/Science



International
timeline and
context



Nova Scotia
Open
Research
Project



Workshopping
ideas

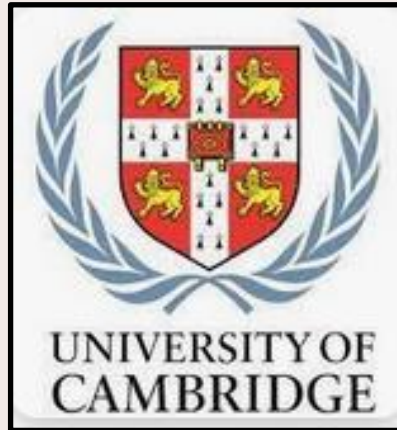


Lunch

About me



Earth Scientist



PhD

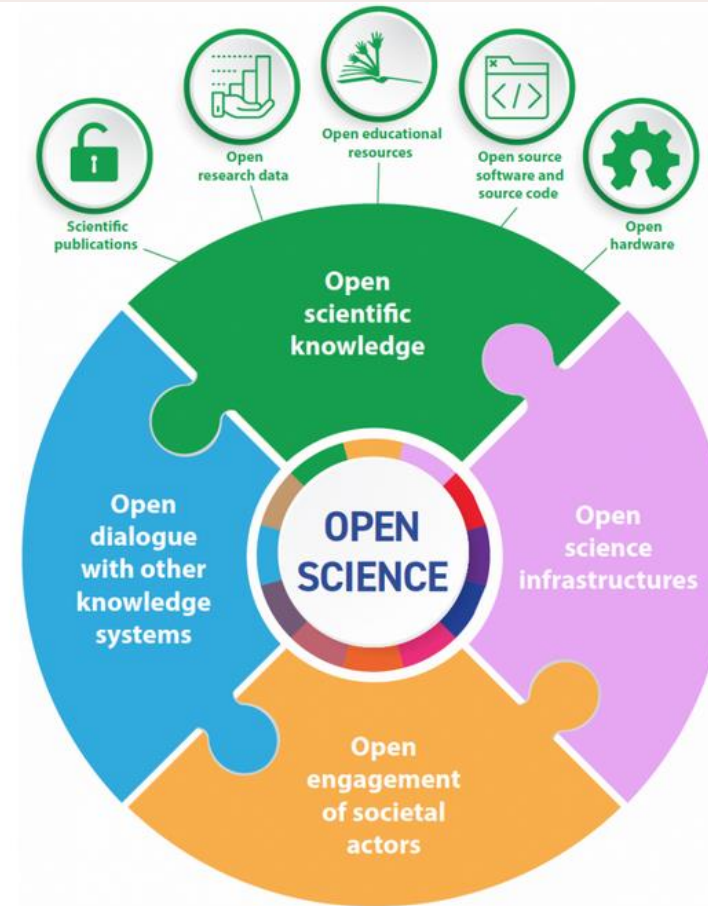


EU



Wolfville

What is open science?



Graphic on page 11. UNESCO Recommendation on Open Science. CC BY IGO 3.0

OPEN ACCESS: BENEFITS



Increased Visibility

Increased Citation Rates



"Jack Andraka, a 15 year old from USA, used free articles from Google Scholar to develop a highly innovative method of detecting a rare type of pancreatic cancer."

Drives Innovation

Global Impact

"Piya Sorcar, founder of Teach Aids made materials & research about HIV available for free globally. The material is now available in 15 languages and has reached over 70 countries, including numerous educators, governments and NGOs."

Open Access brings new audiences to scholarly content, such as educators, business owners, support workers and so on by removing barriers of affordability and access.

Public Access

Comply with Funder Policies

Funders, such as the Research Councils, European Commission and the Wellcome Trust, mandate for open access publication of research outputs.

Image: Aston University Library Services

Why do we do open science?

Timeline

2016

EU: Plan S

Canada: Tri-Council
Open Access Policy

2021

UNESCO recommendation
for open science

Canada: The Framework
for Implementing Open-
by-Default with Federal
Government Science

2023

NASA, CERN: „Year of
Open Science“

Canada: Review of the
Tri-Agency Open Access
Policy on Publications

2020

US: NIH Data sharing
policy

Canada: The
Roadmap to Open
Science

2022

US: „Nelson Memo“

EU: Horizon Europe

Nova
Scotia
Open
Research



“

[Open Science is] an international movement and hopefully we will be able to speed up the deployment in Canada as well.

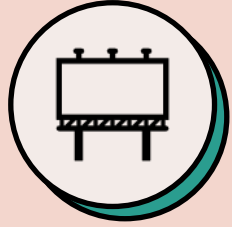
Dr Mona Nemer, Canada's chief science adviser
Interview for University Affairs, Sept 2022

”

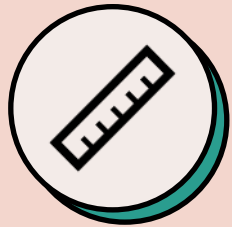
Project plan and outcomes



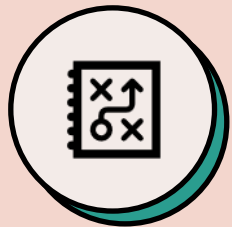
Survey
Current practices



Workshops
What's working, what's not and how can we move forward



Design
A policy tailor-made for Nova Scotia



Roadmap
Getting there and making sure all the needed resources are in place



Launch
Research NS launches policy

Areas of focus

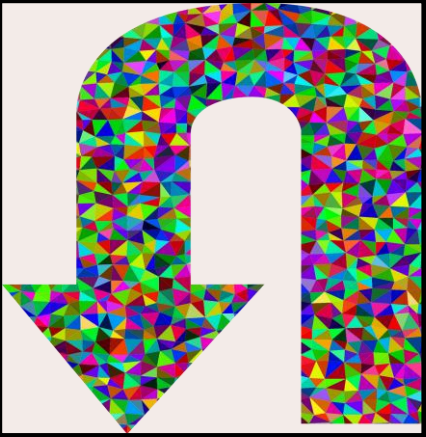
Centering the community's needs

- Bottom-up instead of top-down
- Challenges as well as opportunities
- Prioritizing community input

Data sovereignty

- Establishing an appropriate framework
- First Nations
- African-Nova Scotian community

Open science



Shift in scientific culture



Competition to collaboration



Science as a product to science as a process



Science for select to science for all

Thank you

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