



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

OPEN SCIENCE IN THE CANADIAN FEDERAL GOVERNMENT

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Canada 

Open science has been a priority for Government of Canada since 2014. Canada has several policy drivers that have facilitated growth and implementation of open science practices.

POLICY DRIVERS

OPEN GOVERNMENT PARTNERSHIP

- Canada is a member of the Open Government Partnership
- The last three National Action Plans (NAP) on open government included an open science commitment and milestones.
- The 4th NAP contained an explicit open science commitment:
 - Performance measures and reporting
 - Engagement sessions with open science users
 - Chief Science Advisor's Open Science Roadmap and departmental responses
 - Pilot of an open science portal

5TH NATIONAL ACTION PLAN

- The 5th National Action plan will focus on 5 themes around open government
 - Combatting disinformation and safeguarding elections
 - Financial and corporate transparency
 - Justice
 - Open data for results
 - A fifth commitment is on Climate Change and Sustainable Growth
 - Borne from citizens' desire to better understand decisions and progress on climate change and sustainable development
 - The commitment will have four milestones designed to make government climate science more open and accessible
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ROADMAP FOR OPEN SCIENCE

- Released in early 2020 the Roadmap for Open Science details 10 recommendations to make federal science open to all.
- This includes a recommendation to “make federal science articles openly accessible by January 2022 and federal science publications openly accessible by January 2023”
- A recommendation for “Federal departments and agencies should develop strategies and tools to implement FAIR data principles by January 2023, with a phased plan for full implementation by January 2025.”
- A recommendation for departments/agencies to develop Action Plans to meet these recommendations

The Pandemic has highlighted the importance of open science, that it is implementable and it's importance in tackling global problems. It will be key in also addressing climate change.

OPEN SCIENCE IS KEY

FOR MORE

- Open Science in Canada's 4th National Action Plan on Open Government:
<https://open.canada.ca/en/content/canadas-2018-2020-national-action-plan-open-government#toc8>
- Draft commitments in the 5th National Action Plan on Open Government: <https://letstalkopengov.ca/participate>
- Roadmap for Open Science:
https://www.ic.gc.ca/eic/site/063.nsf/eng/h_97992.html