



**OSDP UX HACKATHON**

# Kickoff Meeting

Hosted by:



Natural Resources  
Canada

Ressources naturelles  
Canada



**DALHOUSIE**  
UNIVERSITY

**HACKATHON  
EU DE LA PSDO**



**OSDP UX  
HACKATHON**

**MARCH 27 - APRIL 24**

# Land Acknowledgement



The Dalhousie University Senate acknowledges that we are in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People and pays respect to the Indigenous knowledges held by the Mi'kmaq People, and to the wisdom of their Elders past and present. The Mi'kmaq People signed Peace and Friendship Treaties with the Crown, and section 35 of the Constitution Act, 1982 recognizes and affirms Aboriginal and Treaty rights. We are all Treaty people.

The Dalhousie University Senate also acknowledges the histories, contributions, and legacies of African Nova Scotians, who have been here for over 400 years.

# Agenda

- About the OSDP
- About the Hackathon
- Teams & Slack
- Consent Forms
- Hackathon Deliverables
- Challenges
- Judging & Prizes
- Important Dates
- Support and Resources
- Q&A



# About the Platform

Co-led by NRCan and ECCC, the OSDP provides access to science, data, publications and information about development activities across the country that can be used to understand the cumulative effects of human activities to support better decisions in the future. It comprises of over 150,000 publicly available records from federal, provincial and territorial as well as regulatory systems. This expanding database features geospatial details, scholarly articles, and information on themes like climate, air quality, biodiversity, health, and various sectors such as transport, energy, and mining.

The main objective of the platform is to support regulatory processes for major developments, align with the Canadian government's openness and scientific values, and foster public confidence in its decisions. The OSDP also enables Canadians, including Indigenous communities to be able to search, access, and visualize pertinent data at all government levels, facilitating consultation and decision-making processes pertaining to natural resource development projects.



# About the Hackathon

The OSDP UX Hackathon is a unique opportunity for passionate individuals to come together, share ideas, and create innovative solutions, mock-ups, and prototypes for improving the user experience of the OSDP.

This event is a partnership between NRCan and Dalhousie University's Department of Information Science.

- Runs March 27th-April 24th
- You are not expected to participate full time, but consistent engagement is expected over the four weeks for success



# Teams & Slack

All teams were notified of acceptance through email on Monday

- This email contains names/contact information for your team members
- You also received a Registration Package PDF with key details

## WHAT YOU NEED TO DO NOW

1. Get in touch with your team (email)
2. Set up a team channel on Slack ([here](#)).
3. Let us know if you haven't heard from a team member.

# Consent Forms

We will be sending out a consent form through email and posting a copy in Slack today.

**YOU MUST RETURN THE CONSENT FORM BY MONDAY, APRIL 1 AT 11:59PM ADT TO OSDPUXHACKATHON@GMAIL.COM OR YOU WILL BE DISQUALIFIED FROM JUDGING/PRIZES.**

Please remind your teammates to return their form.

# Hackathon Deliverables

There are two key deliverables that you/your team must complete in order to be successful during this hackathon (and to qualify for the cash prize competition!)

## Survey

- Variety of closed and open-ended questions about your experience during the hackathon
- The challenge you proposed, which datasets you chose to solve that challenge, and how you would improve the Open Science and Data Platform (OSDP)
- If working in teams, each individual person must complete the survey
- Will be available through the website in mid April

## Presentation

- Where you will summarize the challenge with which you chose to explore the OSDP and a proposed solution.
- To be delivered virtually to a judging panel on May 15, 2024
- 5 minutes
- Presentation schedule TBD
- **SUPPORTING PRESENTATION MATERIALS (POWERPOINT) MUST BE SUBMITTED BY MAY 13, 2024 TO OSDPUXHACKATHON@GMAIL.COM**



# Challenges

Things to keep in mind when developing the challenge/project you will explore throughout the hackathon, which will inform your presentation:

- All teams must identify a relevant environmental challenge in which an OSDP dataset can be used (feel free to use our examples on our website as seed ideas).
- You must develop a solution to the identified challenge by using at least one of the OSDP's datasets. You may consider integrating different types of content found on the OSDP, such as publications or the mapping function.
- Most importantly, include details on how you would improve the OSDP:
  - What innovative solutions can you propose that would enhance the user experience of the OSDP?
  - Include mockups or prototypes of how the new design feature(s) could be implemented on the platform.
  - Your goal is to present an innovative and realistic solution to Natural Resources Canada (NRCan) for how the OSDP can be improved.

# Example Challenges

There are many ways you could approach this hackathon, individually or in your teams. For example, you could design a challenge using OSDP datasets related to:

- Activities taking place within a specific region, province, or territory
- A specific project that is happening and what the environmental impacts may be
- Species at risk, and how these overlap between different human development activities

# Judging & Prizes

Judges will consider the design and implementation of the selected challenge that provides useful and innovative insights into the OSDP user experience. The judging panel will decide first, second, and third place winners based on the following criteria:

- User experience enhancement
- Creativity
- Level of innovation
- Business value for NRCan
- Realistic capability
- Overall quality of the proposal

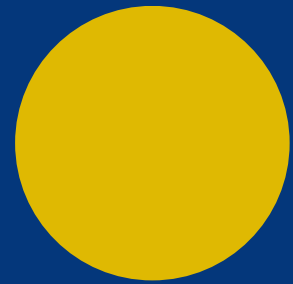
Prizes will be awarded in the following amounts. If working as a team, these totals will be divided evenly amongst all team members (of the winning teams).

1st place: \$2,500 CAD

2nd place: \$1,500 CAD

3rd place: \$1,000 CAD

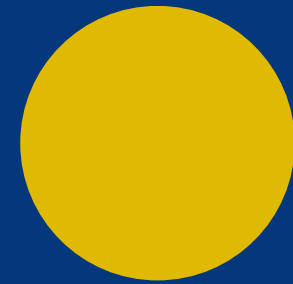
# Important Dates



**March 27**

Virtual Hackathon Kick-Off

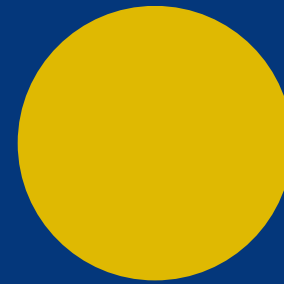
- 2:30 – 3:15 PM AST



**April 3**

Weekly Check-In

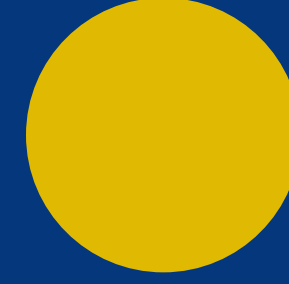
- 2:30 – 3:15 PM AST



**April 10**

Midway Check-In

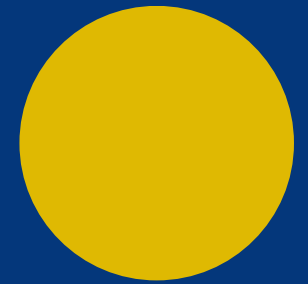
- 2:30 – 3:15 PM AST



**April 17**

Weekly Check-In

- 2:30 – 3:15 PM AST



**April 24**

Hackthon Wrap Up

- 2:30 – 3:15 PM AST



**May 15**

May 15: Deadline for surveys and virtual presentations to Hackathon Planning Committee

Virtual presentations held for OSDP UX Hackathon judging panel

Schedule TBD

**SUBMIT POWERPOINT PRESENTATIONS BY MAY 13TH TO [OSDPUXHACKATHON@GMAIL.COM](mailto:OSDPUXHACKATHON@GMAIL.COM)**

# Support & Resources

## Our Website

<https://osdpuxhackathon.com>

## OSDP Website

<https://osdp-psdo.canada.ca/en>

## Hackathon Tips

<https://www.linkedin.com/advice/0/how-can-you-use-hackathons-generate-new-ideas>

## Hackathon Planning Committee Contact

[osdpuxhackathon@gmail.com](mailto:osdpuxhackathon@gmail.com)

OR message us on Slack





**Thank You**

