Ressources naturelles Canada



National Research Council Canada

Conseil National de Recherches Canada





Canadian Safety and Security Program



Risk Reduction Initiatives

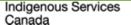
Focus Session

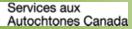




















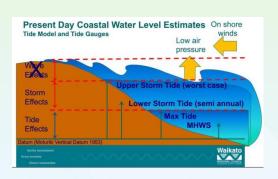




Session Purpose

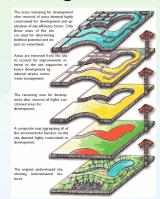
Explore coastal flooding 'scenarios'

Hazard Scenarios



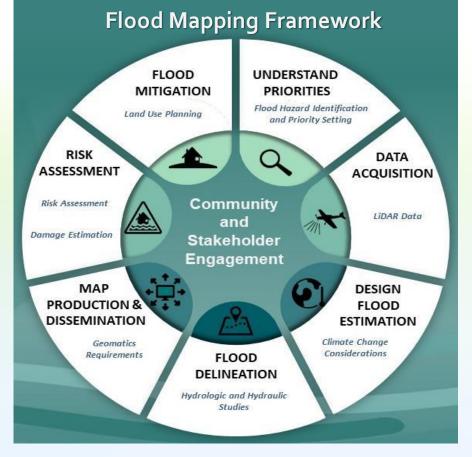


Planning Scenarios



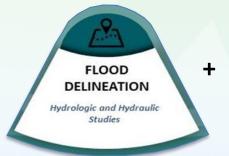






Session Purpose

 Inform guideline development



Coastal Flood Hazard Assessment Guideline

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Canada



Agenda

Participant Introductions

Community Presentations





Breakout Discussions





Speaker Introductions

Capital Regional District



Nikki Elliot
Climate Action Program
Coordinator,
Capital Regional District
located in Victoria, BC





Keith OrchistonEmergency Program
Coordinator,
District of Tofino, BC



Tanya Patterson
Emergency Program
Coordinator,
City of Victoria, BC



Silja HundHydrologist
Ebbwater Consulting

Go to www.menti.com and use the code 82 30 35 2

What data gaps exist to carry out coastal flood modelling?

Mentimeter



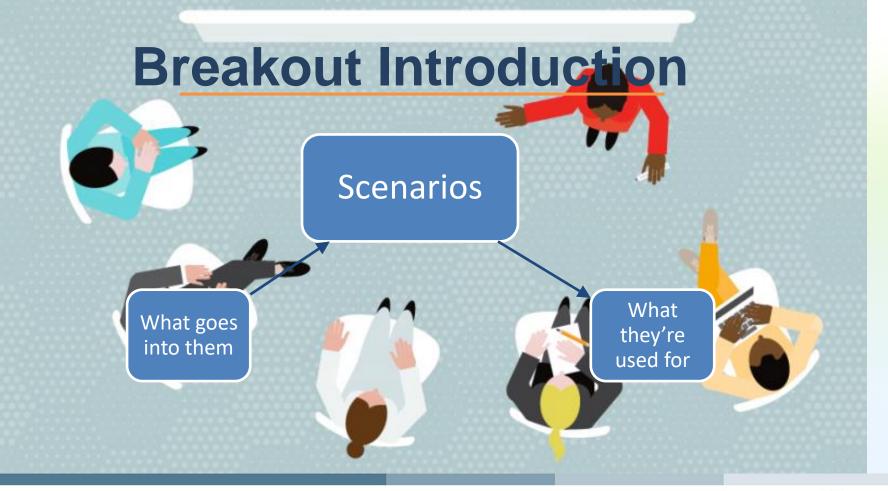
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Chat Question

- Step 1: Think and draft for 30 seconds
- Step 2: Share a 1-2 sentence answer in the chat box

What are key things you'd like to see discussed in the coastal flood hazard guidelines?





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Discussion Question 1

What range of scenarios or hazard components are important to include in modelling a flood hazard scenario?

Discussion Summary







Discussion Question 2

How do you decide which hazard scenario(s) to use in coastal planning adaptation scenarios? What else do you consider when developing planning options (such as population growth, land-use changes)?

Discussion Summary





What's Next?



Informs Coastal Flood Risk Assessment Guideline

- Develop and demonstrate best practices
- Lessons-learnt ensure guideline's applicability to diverse communities

Generates New Hazard Modeling Data

- Flood hazard modelling data (Storm surge, sea-level rise, tsunami)
- Paleotsunami data

Develop and demonstrate flood damage modeling tools

 Identify and adopt damage functions and models suitable for Canadian coastal communities

Informs local risk reduction planning and decision-making

Risk assessments are conducted in partnership with local governing bodies to ensure results can help inform local planning



