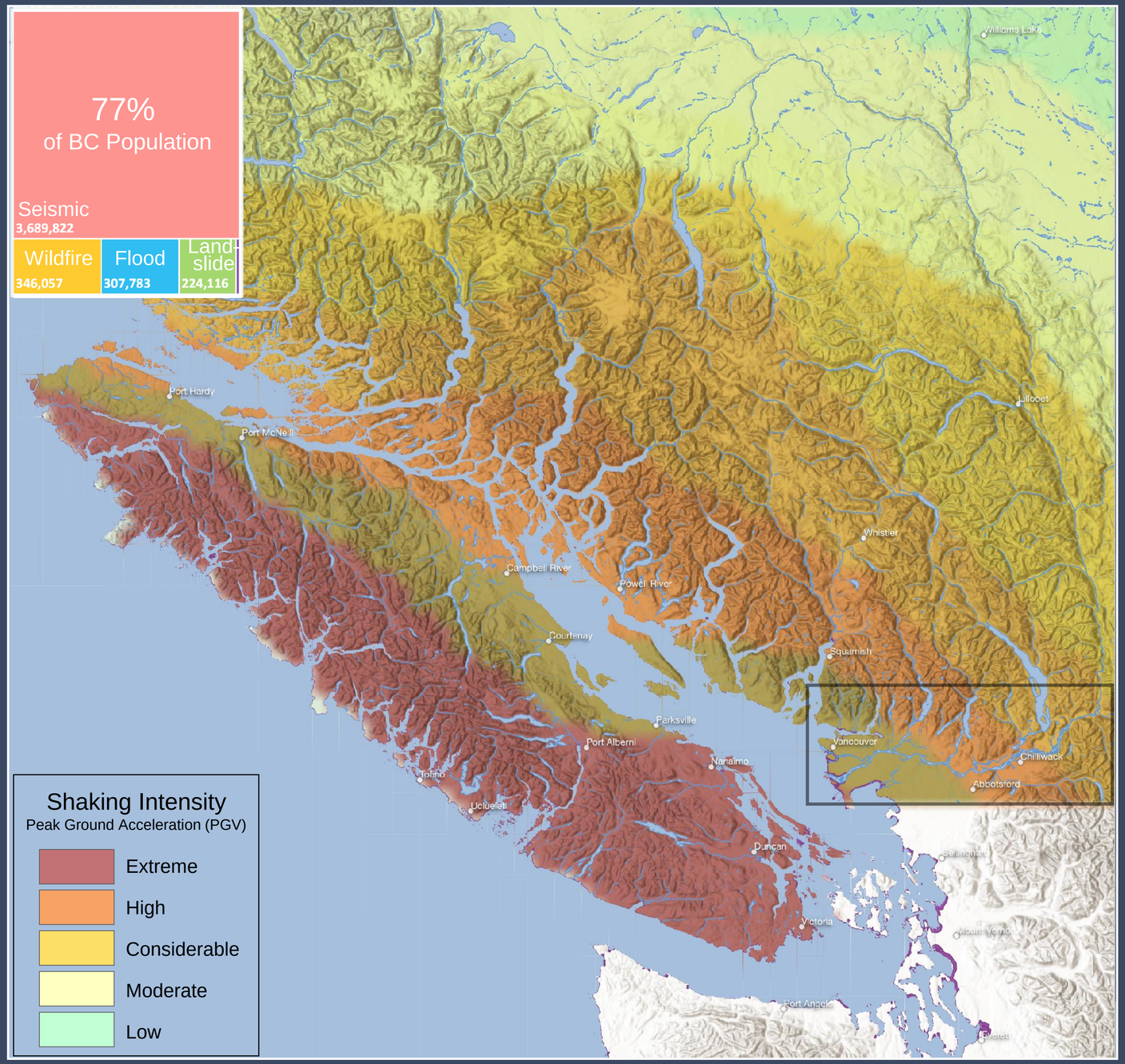
Understanding Risk
British Columbia
Collaboration and Innovation for a Resilient Future
2020 | Online Symposium + Event Series

Black Swans over Vancouver

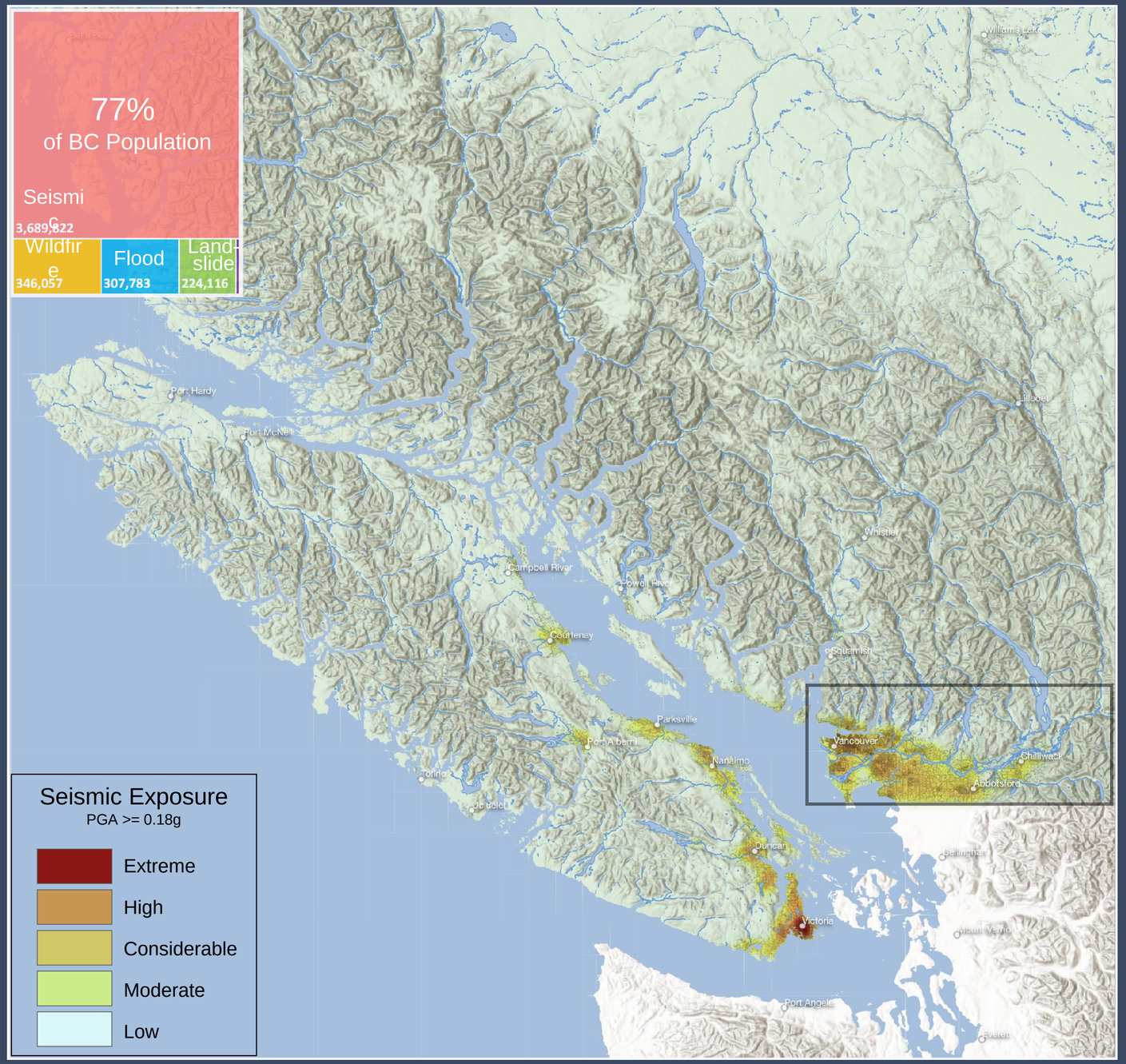
Using Risk Models to Inform Disaster Resilience Planning

What are Black Swans ?

- extremely rare events with severe socioeconomic consequences.
- not easily predicted, but widely considered obvious in hindsight.
- immediate physical impacts are amplified by cascading system failures and downstream consequences
- Disaster hotspots reveal underlying socio-economic inequities —the most vulnerable bear the greatest burden of risk



Seismic Hazard Threat in BC



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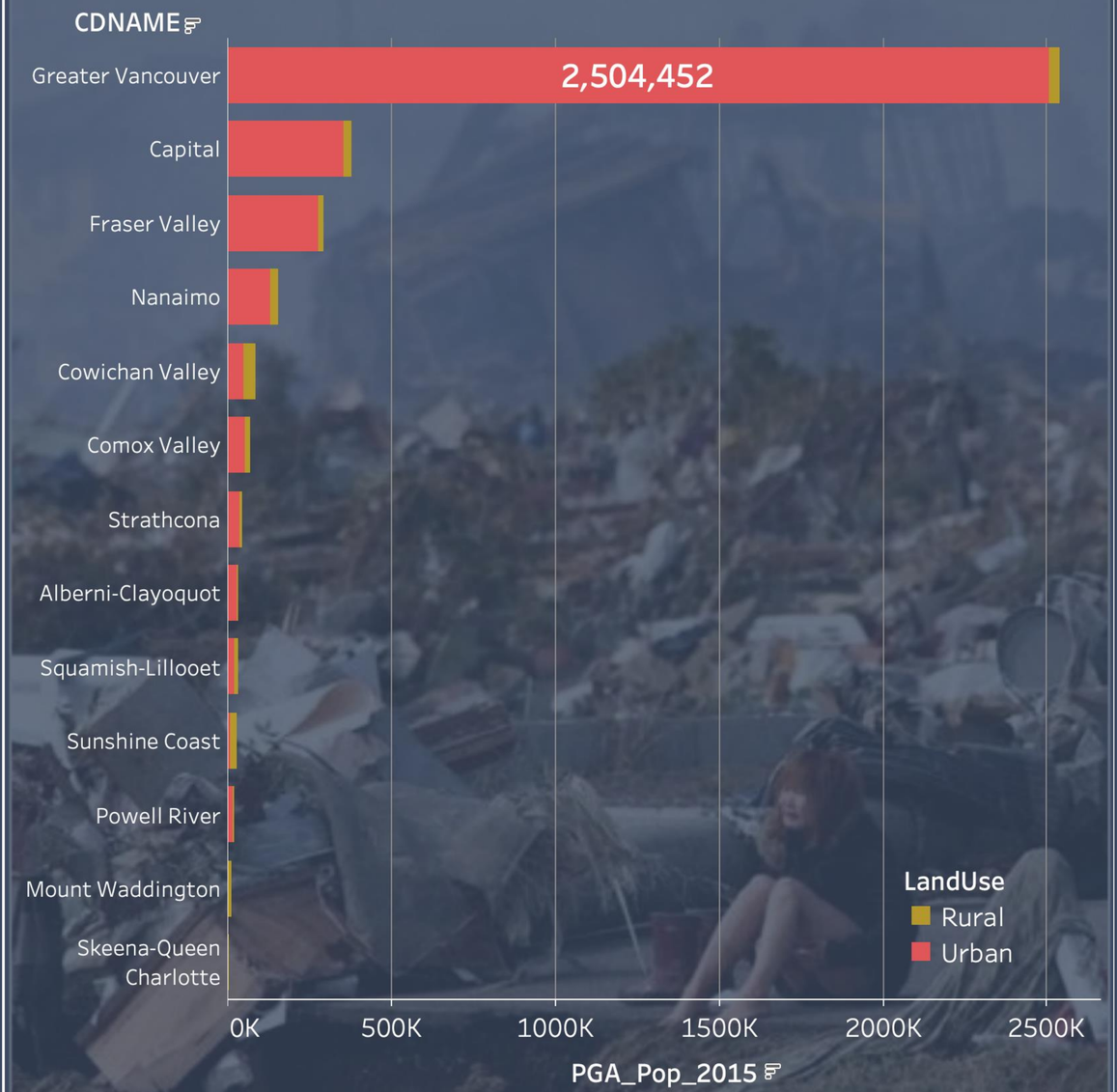

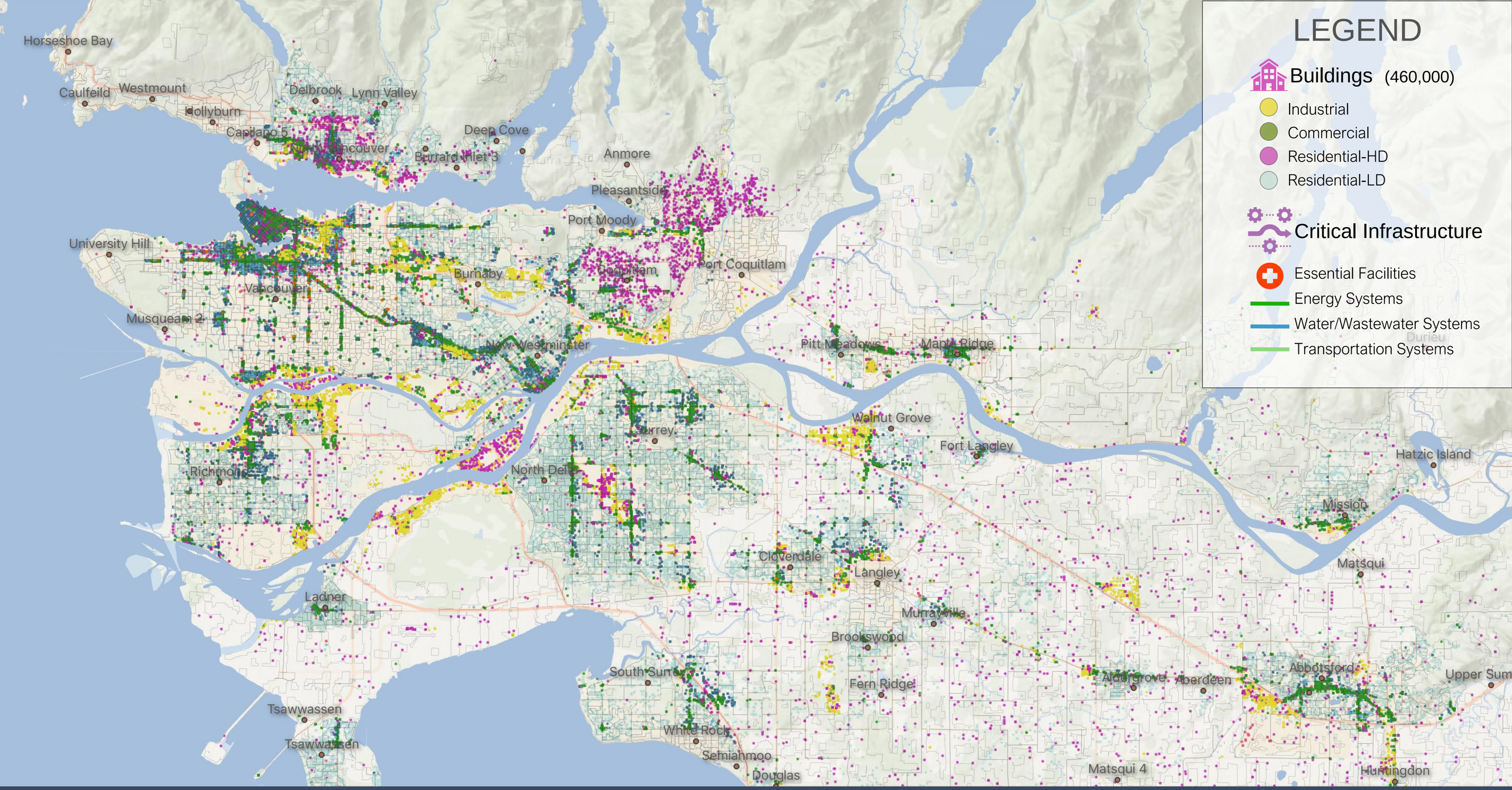

URBC

Black Swans- 2020

Envisioning a safer and more resilient future

The Plan for Today

1. Explore Risk Hotspots & Driving Forces
2. Evaluate Consequences & Opportunities for DRR
3. Identify Actions/Policies to Accelerate Functional Recovery

- Increase physical resistance of built environment
- Increase capacities to minimize downtime during immediate response and recovery
- Minimize burden of risk on vulnerable neighbourhoods

Add the letter **'A'** or '**B**' in front of your name to indicate a preference for breakout session

Go to **www.menti.com** and use the code **94 55 62 7**

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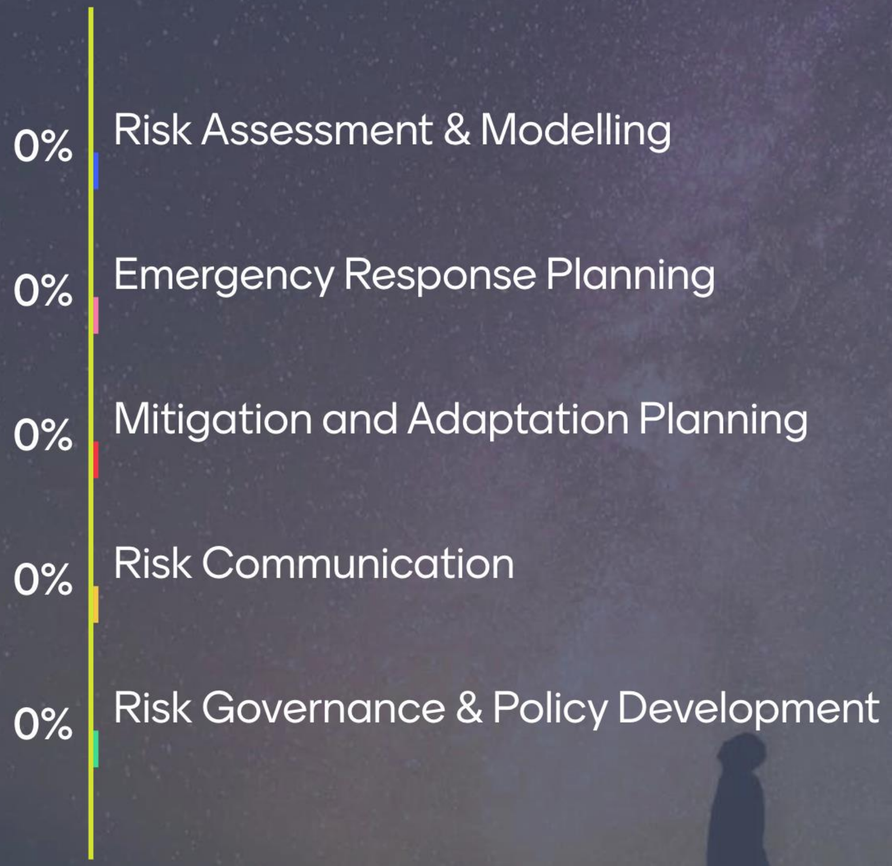
Areas of Interest/Contributions to DRR



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Earthquake Impacts of Greatest Concern