

# Managing Climate Risks for Professionals

## Climate Ready BC: Preparing Together

**BC'S CLIMATE IS ALREADY CHANGING**



Less snow and receding glaciers



Fewer frost days



Hottest days getting hotter



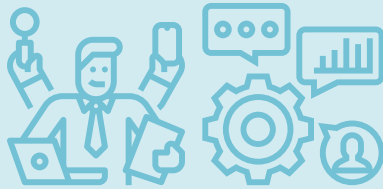
Less summer rain



More extreme precipitation events



Sea level rise



“Professional associations and their members have a **responsibility to act on climate change**, not only because partners and funders are demanding it, but because **it is the right thing to do.**”

– Beth McMahon, CEO, Canadian Institute of Planners

**Professionals are relied on for their expertise, advice and leadership.**

- ✓ The risk landscape is changing due to climate change, while also shifting the marketplace and regulatory environment that professionals operate in
- ✓ New policies, technologies, professional codes and standards are emerging

Relying on past climate data is no longer a sufficient basis for future-oriented decisions. **Regulated professions have an important responsibility to:**

- ✓ Uphold the public interest by considering current and projected changes in climate and the multitude of consequences
- ✓ Provide advice on current and emerging climate risks with up-to-date information

## WHAT CAN PROFESSIONALS DO?

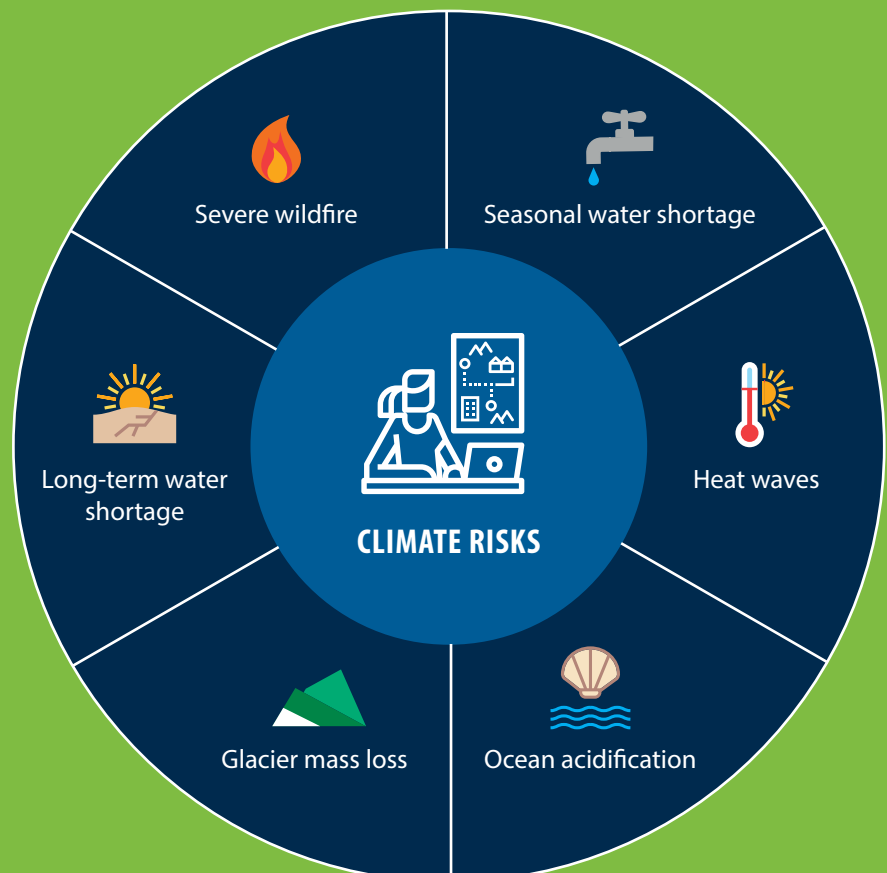
Find out more about how **CLIMATE CHANGE AMPLIFIES SPECIFIC RISKS** that you are already dealing with in your area of work

**INTEGRATE** future climate considerations and nature-based solutions into what you are already doing

Build your understanding and skills through **PROFESSIONAL DEVELOPMENT** opportunities offered by your Professional Association

Learn more about climate resilience best practices in your field and help your profession to **RAISE THE BAR** by applying and sharing these practices with your networks

**ASK YOUR PROFESSIONAL ASSOCIATION** for more information on expectations, policies or practice guidelines of its membership with respect to climate change





## TRAINING AND RESOURCES FOR PROFESSIONALS

The **Adaptation Learning Network** supports professionals to effectively integrate climate change adaptation and resilience into their areas of work through:

- Education & training: courses for professionals, delivered through seven university partners
- Open access resources, frameworks, a competency framework, and other information
- Networking with others

By increasing the number of professionals in B.C. who have this knowledge and expertise, the Adaptation Learning Network is helping us to care for our communities, natural resources and infrastructure in a changing climate.



## DID YOU KNOW...

Severe weather caused **\$1.3 billion in insured damage** across Canada in 2019, with 8 of the top 10 highest loss years on record taking place since 2010

B.C.'s Preliminary **Strategic Climate Risk Assessment** evaluated 15 scenarios and found the greatest risks to B.C. are: **severe wildfire, seasonal water shortage, heat wave, ocean acidification, glacier mass loss and long-term water shortage events.** Other risks with significant consequences include: **severe river flooding and severe coastal storm surge.**

Public Safety Canada estimates that every dollar invested in risk reduction **saves \$3 to \$5 in recovery costs**

**Partnering with Indigenous Nations and upholding Indigenous knowledge** is critical to our efforts to adapt to climate change

## B.C.'S CLIMATE PREPAREDNESS AND ADAPTATION STRATEGY

is working to support professionals in addressing climate risks



## WONDERING WHERE TO START?

### CLIMATE CHANGE DATA AND RESOURCES

[Climatedata.ca](http://Climatedata.ca)

[Pacific Climate Impacts Consortium](#)

[ClimateBC](#)

### CLIMATE PREPAREDNESS FOR PROFESSIONALS AND ASSOCIATIONS

[Retooling for Climate Change](#)

[BCCIC's Climate Guide for Industry and Professional Associations](#)

[ACT-SFU's Low Carbon Resilience Resources](#)

[Climate Risk Institute](#)

### GUIDANCE FROM PROFESSIONAL ASSOCIATIONS

[Engineers & Geoscientists BC](#)

[Canadian Institute of Planners](#)

[Chartered Professional Accountants of Canada](#)

[BC Society of Landscape Architects](#)

For more information visit:  
[www.gov.bc.ca/BC-Adapts](http://www.gov.bc.ca/BC-Adapts)

