

Sustainability + Climate Resilience: Envision® and PIEVC Credential Readiness Training

Communities throughout Canada are grappling with aging infrastructure, a pressing housing crisis, and rising climate change risks, all driving an urgent need for comprehensive capital infrastructure investment. As communities upgrade and build new infrastructure, such as roads, bridges, water treatment plants, and parks, residents and funders alike are pushing for sustainable and climate resilient projects that can support thriving communities.

This new and unique training is an opportunity to learn about two globally recognized infrastructure tools, the Public Infrastructure Engineering Vulnerability Committee (PIEVC) Protocol for climate risk assessment, and the Envision® Sustainable Infrastructure Framework, and to set yourself on a path to earning recognized and in-demand credentials.

Each of the two courses will be delivered over two 3-hour days or combined over four 3-hour days. Sign up for either Envision, or PIEVC, or BOTH courses for a combined discount price!

Did you know?

Both the Envision framework and the PIEVC protocol are included as recommended means to address the resiliency requirements of the federal Climate Lens. Envision verification costs are also eligible under the Green Municipal Fund. Envision and PIEVC are complementary and can be integrated to offer a holistic assessment of both sustainability and climate resilience outcomes on capital projects.

Dates / Time:

Envision course: Sep 22/23, 2025 - 12:00-3:00 ET

PIEVC course: Sep 24/25, 2025 - 12:00-3:00 ET

Benefits and Learning Objectives

In taking these courses, you'll learn fundamentals of applying Envision and PIEVC within your infrastructure projects. Whether you are in the public or private sector, if you are working in procurement, design, contracting, or management, you can utilize these tools to plan and execute capital infrastructure projects that deliver sustainability and climate resilience.

Existing ENV SPs are encouraged to sign up for the PIEVC course for a deeper understanding of climate risk and resilience, including alignment with credits under the Envision framework.

Existing resilience professionals are encouraged to sign up for the Envision course for a broader understanding of the connections between sustainability, climate mitigation and resilience.

Envision Training

In this course, you will:

- Explore the history of Envision, its structure, and use
- Review the five Envision credit categories and related credits:
 - Quality of Life
 - Leadership
 - Resource Allocation
 - Natural World
 - Climate and Resilience
- Understand the self-assessment, Envision verification, and award process

Upon completion, participants will be eligible to take a self-directed online exam to earn their ENV SP credential from the [Institute of Sustainable Infrastructure](#).

PIEVC Training

In this course, you will explore:

- Historical climate trends and methods for projecting future climate
- Acquiring and applying climate data in infrastructure assessments
- Principles of risk assessment and practical use of PIEVC tools
- Hands-on experience with climate change risk assessment for various infrastructure examples
- Formulating strategies and recommendations for addressing infrastructure climate vulnerabilities
- Collaboration within multi-disciplinary teams to tackle climate change impacts on infrastructure

Upon completion, this course can be applied to both the [Infrastructure and Climate Resilience Planning](#) micro credential from Royal Roads University and/or, for eligible participants, the [Infrastructure Resilience Professional](#) (IRP) designation through the Climate Risk Institute.

Registration Fees

	Envision Course (includes ENV SP credential exam fees)	PIEVC Course (for credit)	Both (15% discount)!
Private Sector	\$850	\$650	\$1,275 (\$225 discount)
Public Sector / Non-Profit / Academia	\$650	\$500	\$977.50 (\$172.50 discount)

***All costs are exclusive of tax.

About Envision® & PIEVC



Envision is a global framework and rating system that has been applied in Canada since the framework's inception in 2012. It offers a holistic, comprehensive point of reference to examine the sustainability and resiliency performance of all types of infrastructure. Envision can assist asset owners, and their design consultants and contractors, in delivering infrastructure that tackles communities' most pressing challenges, including improving quality of life for everyone, creating quality jobs, increasing economic growth, supporting climate resilience, reducing emissions, and cultivating social equity and cohesiveness. More details about Envision can be found on the [Envision Canada website](#).



The **Public Infrastructure Engineering Vulnerability Committee (PIEVC)** was established in 2005 by Engineers Canada to consider how the impacts of climate change might affect Canada's public infrastructure and to support practitioners in assessing and addressing related risks. In 2020 the PIEVC Alliance took over management of the PIEVC Protocol and related resources and training. The Protocol has been used on hundreds of buildings and infrastructure assets in Canada and globally, helping to ensure that infrastructure is resilient and contributes to health, safety and economic security, despite the uncertainty and risk caused by climate change. More details about PIEVC can be found on the [PIEVC Program website](#).