

“PEEL uses concrete tools to explain the science behind climate change. It discusses our role and provides opportunities to help students explore tangible solutions. If you’re looking for an activity to change the status quo, look no further.” – Chris Byron, Grade 9 teacher

“Over the course of a 35 year career in environmental, outdoor and energy education, I have had the wonderful opportunity to interact with many educational initiatives. PEEL is one of the best I have ever seen.”
 - Jeff Reading, Chair, Green Learning Canada Foundation

“PEEL is exceptional in providing access to energy and technology expertise over many sessions.” - Carbon Mitigation Initiative, Princeton University

“The representatives from PEEL had a positive and profound impact on our school. The foundational scientific information was rich, and thought provoking. The presenters modelled what it looks like to be an environmental steward, and invited us to be a better version of ourselves. They left a clear and inspiring message. This message has found its way to all students at our school. To a person on our staff, it helped all of us raise our game.”
 - Brendan Trinca, Elementary School Principal

PRAISE FOR PEEL

“We are the next generation. If we don’t learn, we can’t improve. So, the first step is learning.” – Allison, student

“Peel provides meaningful, scientific information. Peel training and lesson plans are highly beneficial to teachers. Peel builds needed critical thinking and stewardship skills in our students and teachers.” – Grayson Adams, Grade 5 teacher

“The children showed new understanding gained on environmental stewardship and greenhouse gas emissions. I was immediately taken with the quality and depth of learning.” - Eddy Isaacs, former CEO, Alberta Innovates

Take advantage of PEEL training and support for your teachers. Choose any one, or combination of, the sessions described.

Access curriculum ready lesson plans, grades 4-12 on the PEEL website.

www.teachpeel.ca



People for Energy and Environmental Literacy (PEEL)

We offer both **short seminars/webinars** and **half day training** on **climate change**, energy and environmental literacy **for teachers introducing this to their classroom.**

This **free professional training** will ensure that teachers understand the fundamental climate change science, policy, economics and social aspects our energy choices, and have access to information they can trust. We’ll come to your school and we’ll show you how!

info@teachpeel.ca
www.teachpeel.ca
403.547.7335 (PEEL)

PEEL is generously supported by the Community Environment Action Grant and the GreenLearning Canada Foundation

Short Seminars and Webinars

Lifelines for High School Climate Change Education

Join other PEEL-inspired teachers who focus on topics related to climate change!
This program provides initial content and guidance on teaching climate change in the classroom. PEEL provides access to **expert guidance** and to the **lifelines** that you require to navigate the facts and the controversy associated with climate change education.

Time: 1.5 hours **Grades:** 8–12

This is available in Webinar format.

Carbon Confusion — Climate Change Regulations and Applications

Get inspired! Learn how to effect cultural change by integrating **inquiry-based learning** into the classroom regarding climate change regulations.

Carbon regulations are changing quickly. This workshop covers:

- The **types of climate change regulations**, with an overview from **experts in the field**
- The international application of these regulations

Time: 1.5 hours **Grades:** 9–12 **Focus:** social studies. This is available in Webinar format.

Climate Change Education – A Family Affair

Integrating climate change education into your classroom may result in some unexpected reactions from **students' family members**. Learn how to deal with any potential controversies that may arise as a result of the students' new

Time: one hour **Grades:** 5–12

This is also available in Webinar format.

Learn how to apply your knowledge of climate change at the school level!

You are already knowledgeable about climate change and are comfortable discussing it with a group of adults, but you want to integrate this knowledge into your school.

This course will teach you:

- how to approach **change management** at the school and with administration,
- how to **navigate potential landmines**, and
- how to **share your knowledge** with other schools.

Time: one hour **Grades:** 3–12

Also valuable for **school administrators**.

Half Day Workshops

STEM Global Climate Change Education for Middle School

Middle school can be the best curriculum match for STEM and Climate Change.

- Explore the basics of **21st Century** teaching and learning approaches
- Learn about the difference between **climate and weather**
- Learn how our actions and nature affect the environment

This seminar enhances teachers' knowledge of climate change, provides guidance on how to use **effective STEM instructional strategies** to teach climate change, and facilitates the integration of resources such as PEEL and NASA data models.

You will receive digital files to help you with your climate change education.

Time: 3-4 hours **Grades:** 4–8

Climate Literacy Ambassadors

Become a climate resource agent for students and colleagues and in your school and community!

This introductory webinar to the PEEL program:

- Provides an overview of climate change science
- Demonstrates PEEL and other **climate resources**, such as NASA

Investigate regional climate system topics: the PEEL program helps teachers who undertake projects that engage middle and high school students in research projects using data, including NASA data.

Time: 3-4 hours **Grades:** 8–12

Inspiring Climate Education Excellence

Become an effective climate change educator! This professional development course will teach you about important climate change science along with the pedagogical skills necessary for giving effective instructions.

Pedagogical issues related to effective climate change education include:

- **aligning** interdisciplinary climate science with existing science curricula,
- **anticipating** student misconceptions, and
- **being prepared** to address public controversy around climate change in the classroom.

This is the only climate science professional development course in Alberta that addresses content knowledge, pedagogical content knowledge (PCK), and the pedagogical skills particular to teaching climate change science and solutions.

Time: 3-4 hours **Grades:** 5–12

What the ____ is climate change? Climate Change 101

Build your understanding of the science of climate change and your confidence in teaching it.

You are an experienced and highly effective teacher. Complement your own skills with content knowledge and sample activities. In this hands-on workshop, you will:

- **learn** by doing,
- receive a digital copy of the **resources**, and
- receive a **lifeline** for how to teach climate change in your classroom.

You will learn from specialists in the area of energy and environment. Bring your questions, and we'll answer them!

Time: 3-4 hours **Grades:** 4–12

Making a Positive Difference — climate change and your role as a teacher

Integrate climate change into your curriculum and **create a cultural change** in your classroom, your school, and your community!

This seminar is for teachers who: understand climate change already and want to bring their understanding to the classroom **curriculum**. Be inspired by those who have done this before. The perfect **how-to** guide and other digital resources will be provided.

Time: 3-4 hours **Grades:** 4–12

