

**"The field trips are integral to the program, and always relevant to the study of natural resources policy. Students always enjoy this 'hands-on' aspect of the course, as well as the opportunity to speak to professionals in the field."**

**-Jean-Sébastien Rioux**



## Participating Institutions

### The School of Public Policy

The School of Public Policy provides a practical, global and focused perspective on public policy analysis and practice in four focus areas: social policy & health; energy & environmental policy; international policy & trade, and fiscal & economic policy. The School's mission is to get public policy right in Canada. One way we do this is by strengthening Canada's public service. We fulfill our mission by building capacity in government: the Master of Public Policy (MPP) trains students to hit the ground running, offering them practical, hands-on and intensive experience in policy development and analysis. We produce influential research: our papers and communiqués offer in-depth analysis on the most pertinent issues of the day and create specific recommendations for policy makers. We bridge the gap between business, government and academia by creating forums for communication and best-practice sharing.

### The Institut québécois des Hautes études internationales (HEI)

The Institut québécois des Hautes études internationales (HEI) at Université Laval in Québec City is a leading graduate school specializing in international studies. Our interdisciplinary master's and PhD programs enjoy an excellent reputation, and our graduates have gone on to highly successful careers in such fields as diplomacy, international affairs, the non-profit sector, and the media. Our research groups, centres and chairs contribute to the advancement of knowledge of many key world issues in the areas of security, the environment, economics, and humanitarian assistance. *Études internationales*, our French-language scholarly journal, publishes leading-edge university research in the field. And our intensive summer schools enable students and non-students to acquire critical insights into timely topics du jour. HEI's academic and research programs are highly demanding: in addition to speaking various languages, we are also fluent in law, economics, and political science, enriching our reputation as a place to learn, think, and share knowledge. We are also well-connected via inter-institutional exchanges, an international internship program, and established partnerships.



## Collaborative Initiative

The School of Public Policy (SPP) of the University of Calgary and Les Hautes études internationales (HEI) of Université Laval have created a knowledge exchange program based on five years of success for this summer school. Every year this innovative collaboration effort between institutions is based on a topic concerning the global political economy of natural resources. The objective of this initiative is to create a forum for discussion between students, experts and decision makers from the academic, government, private and associative communities of Québec and Alberta. Focusing on the global issues facing extractive resources, we seek to conduct joint policy analyses of the natural resource development issues that confront governmental authorities of both provinces, bolster scientific cooperation between Québec and Alberta researchers on natural resource development issues, and create a Québec-Alberta network of experts. The Summer School offers a unique opportunity to explore the different levels of government, media, businesses and other stakeholders who need information and expertise on best practices in natural resource development.



## The Field Experience



The field experience is unlike any other: one day of the program is devoted to visiting a site relevant to the course topic. This type of learning gives students the opportunity to learn through action, experience, and other first-hand knowledge to create a unique learning experience different for each student. This summer school encourages collaboration between students from every corner of the country to work and learn collaboratively about topics of natural resources from various points of view. This is a journey that benefits every student who has the privilege of attending.

## The International Summer School on the Geopolitics of Energy & Natural Resources

Sixth Annual Edition: May 13—17, 2019  
Calgary, Alberta

on the theme:

### The Global Energy Transitions: from what to what, and how?



THE SCHOOL  
OF PUBLIC POLICY



HAUTES ÉTUDES  
INTERNATIONALES



**“The summer school provided the opportunity to interact with my peers on the other side of the country. I was exposed to various perspectives on water resource management and highly recommend the experience to students.”**

***-Akash Asif (Class of 2018)***

**“This was an experience of a lifetime and I wouldn’t trade my summer school journey for anything. I hope to have the privilege to have another similar experience to this in the very near future. In my option, this is the best way to learn.”**

***-Brooke Lister (Class of 2018)***

**“The Quebec Summer course was a great opportunity to learn about policy issues from experts themselves. I definitely recommend this course to any student in the MPP program.”**

***-David Ruiz (Class of 2018)***



## Problématique / Issue to be examined

The Institute for Advanced International Studies, Hautes Études Internationales (HEI) at Université Laval and The School of Public Policy (SPP) together established an annual global summer school focused on the geopolitics of natural resources. Bringing together leading experts, this joint effort results in an intensive week of discussions of global issues – political, economic, environmental and social. Participants analyze the challenges and obstacles related to the management of natural resources against a backdrop of profound geopolitical changes. Each year a new theme is selected and the 2019 issues will focus on the theme “Energy Transitions: From what to what, and how?”

Governments across the world and certainly Canada’s federal and provincial governments must tackle the pressing problem of climate change, which often entails developing policies designed to reduce the amount of carbon emitted in the atmosphere. While many proponents of clean technology and renewable power call for a rapid transition from carbon-based energy to something else, existing technologies and infrastructures may not be as easily switched to ‘greener’ forms of energy without exorbitant costs or significant economic disruptions. What are the appropriate ways to transition from hydrocarbons to renewables? Which renewables are most appropriate for given uses? What existing technologies are ‘scalable’ for regional or national transitions? What are the costs of transitioning, and are the benefits ultimately worth it? What about the challenges of transitioning remote communities that currently are powered by diesel generators—what other forms of energy can they reliably use? These are among the topics we will cover.

At the end of this program, participants will be able to:

- Grasp the basic concepts of a geopolitical analysis of natural resources and better understand the changes in the international environment, their consequences for North America, and how Canadian interests will be affected;
- Understand how natural resources are managed now (policies and programs) and how such mechanisms evolve under the influence of geopolitical trends;
- Identify and understand the current social, environmental, financial, economic and technological challenges, such as problems related to extraction, transportation and legal, fiscal and regulatory frameworks.

## 2019 Programme

Day 1	<b>Energy and Environment ‘101’</b> <ul style="list-style-type: none"> <li>- Global energy production &amp; use</li> <li>- Environmental law ‘101’</li> <li>- Welcome reception</li> </ul>
Day 2	<b>Climatology and Energy Transitions</b> <ul style="list-style-type: none"> <li>- Climatology &amp; climate change</li> <li>- How organizations ‘cost in’ climate change</li> <li>- Emissions pricing in Canada</li> <li>- Introduction to the policy simulation</li> </ul>
Day 3	<b>The Economics of Energy Transitions</b> <ul style="list-style-type: none"> <li>- Managing our COP-21 commitments</li> <li>- Designing policies in a low-trust world</li> <li>- Private sector responses to climate</li> <li>- Electrification of transport systems</li> </ul>
Day 4	<b>Field Visits</b> <ul style="list-style-type: none"> <li>- An integral part of the Summer School experience is the field trips to put the learnings into context</li> </ul>
Day 5	<b>Electrifying Communities &amp; Policy Simulation</b> <ul style="list-style-type: none"> <li>- Transitioning to cleaner electricity</li> <li>- Energy transitions in Northern regions</li> <li>- Policy simulation</li> <li>- Presentation of certificates</li> </ul>

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