

Second Call Short Courses	University	Where	When	Spots Available	Course Description
Responsible Mining Governance	Dalhousie	Halifax	June 1-12, 2020	10	<p>Modern Issues and Challenges of Mining</p> <p>Regulatory framework and compliance (Provincial and Federal legislation and regulatory requirements and compliance)</p> <p>Responsible Mining: A Future to Sustainability</p> <p>Promoting Stakeholder Engagement and Corporate Social Responsibility (CSR) in the Mining Industry</p> <p>Indigenous Consultation and Engagement (ICE)</p> <p>Social License to Operate (SLO) and Capacity Building in Mining Communities</p> <p>Managing Stakeholder Communication</p> <p>Mining site visits</p> <p>Mine site management and restoration</p> <p>Legal and Institutional Framework</p> <p>Community Engagement and Participation</p> <p>Mine Closure and Remediation Phases, Planning and Implementation</p> <p>Integrated Water Management site visit</p> <p>Integrated Community Management site visit</p> <p>Air Quality and Mitigation Alternatives Using Climate Models</p> <p>Vulnerabilities in the post-operational mines and reclamation of orphaned or abandoned mines to reduce the impacts of climate change</p> <p>Cost-effective win-win adaptation of industry mining to climate change</p> <p>Environmental Monitoring mining as an efficient strategy to avoid social conflicts</p> <p>Prioritization of investment projects using royalties and the participation of the mining industry</p> <p>Assessment and Environmental Management in the Mining Industry of Nova Scotia</p> <p>Common objectives to improve and promote an efficient and sustainable mining industry in the countries of the PA</p> <p>Strengthening the relationship between Canada and the countries of the PA, to develop an appropriate, sustained and enduring work team</p>

Forest Reclamation	UAlberta	Edmonton	5 days in July, 2020	20	The course will cover the impact of climate, landform, topography, subsoil and coversoil material selection, and amendments on important ecosystem processes. Further, variables crucial for natural regeneration and for planting of forest will be covered and details such as species selection criteria and measures of seedling quality will be discussed. Forest understories are a very important aspect of many forest ecosystems as they often represent the greatest diversity of species in a forest. The course will provide information on potential techniques to enhance natural understory development of reclaimed forest lands and discusses the factors that influence the initiation and development of forest understory communities. In the last segment we will discuss topics that deal with questions related to defining success in reclamation and ecosystem restoration as well as the maintenance and resiliency of these ecosystems to future disturbances and climate change. May include field trip.
Environmental Economics	UBC	Vancouver	May 1-12, 2020	20	The Canadian International Resources and Development Institute's (CIRDI) Environmental Economics training program is a customizable 5-10 day training package that discusses the principles of sustainable economic management to environmental and resource issues. The course will focus on conceptual treatments of externalities, public goods, and pollution regulation. Some of the topics that might be discuss are: measuring environmental benefits; environmental regulation in Canada and elsewhere: taxes, tradable permits and other instruments; population and the environment; scarcity and abundance of resources; mining sector; non-renewable resources water economics; pollution, impacts and policy responses; industrial ecology; and trade and development and the environment. CIRDI's training programs incorporate a variety of learning methods including presentations, case studies, breakout sessions, peer-to-peer learning, analysis of leading global policies and guidelines, and where possible field-based learning. Training sessions can also include interactive development of guidelines or strategies and action plans for government. The context will include a review of global practices as well as local case studies and scenarios relevant to the Pacific Alliance countries.
The International Summer School on the Geopolitics of Energy & Natural Resources - Best Practices in Public Engagement:	UCalgary & ULaval	Quebec City (in English)	May 11-15, 2020	8-10	At the end of this program, participants will be able to: <ul style="list-style-type: none"> • 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 legal 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 in effective community consultations.

Lessons for Governments, Firms, and Communities in Extractive Resources					<p>Day 1: Public Engagement 101</p> <p>Day 2: Engaging Indigenous and Marginalized Groups</p> <p>Day 3: Planning Community Engagement</p> <p>Day 4: Field Visit</p> <p>Day 5: Transparency Issues & Policy Simulation</p>
Advancing Compliance with the Minamata Convention in the Artisanal and Small-Scale Mining Sector	UBC	Colombia	1-12 June, 2020	20	<p>The Canadian International Resources and Development Institute's (CIRDI) course on ASM and Minamata Convention compliance is a customizable 5-10 day training package that will provide government officials working in the resource governance or environmental protection agencies with a strong baseline understanding of the Convention, its application to specific the ASM sector, impacts of mercury use on human health, biodiversity and resource management, as well as strategies to support Minamata compliance at different scales of governance. Each course is customized to the needs and interests of the Pacific Alliance partner. Training is best undertaken in the partner country and where possible field visits to ASM sites and communities should be included. Some of the topics that might be covered include: Treaty obligations under the Minamata Convention; Minamata Initial Assessments; National Action Plans and Implementation Plans for Minamata Compliance; Community engagement for mercury-free ASM activities; Guidance and roadmaps to mercury-free ASM formalization; Safe and environmentally sound mining and mercury-free recovery methods; Gender and ASM; Access to markets for mercury-free commodities and the role of governments in building vibrant SME ecosystems for mercury-free ASM. CIRDI's training programs incorporate a variety of learning methods including presentations, case studies, breakout sessions, peer-to-peer learning, analysis of leading global policies and guidelines, and where possible field-based learning. Training sessions can also include interactive development of guidelines or strategies and action plans for government. The context will include a review of global practices as well as local case studies and scenarios relevant to the Pacific Alliance countries.</p>
Emergency Management & Disaster Recovery Certificate	Mount Royal University	Calgary	June 9-19, 2020	20	<p>Eight full days (60 hours) of in-class training</p> <p>Course 1: Principles in Emergency Management and the Fundamentals of Recovery (15 hours)</p> <p>Course 2: Personal and Family Recovery (15 hours)</p> <p>Course 3: Neighborhood and Community Recovery (15 hours)</p> <p>Course 4: Post-Disaster Growth and Change (15 hours)</p> <p>All courses will include case studies and scenarios related to extractive sector disasters and natural disasters in resource development zones.</p>

Conflict Resolution & Stakeholder Management - Mining (in Spanish)	Dalhousie	Chile	July 21-31, 2020	20	<p>Taller 1: Diagnóstico Ambiental y Social en regiones emergentes en la actividad extractiva minera, dirigido a los grupos de interés de la municipalidad</p> <p>Taller 2: Preparación y Participación del Gobierno Local y las Comunidades organizadas en la Planificación de la Gestión Ambiental sobre territorios con influencia extractiva minera</p> <p>Taller 3: Preparación del Gobierno Local y Comunidades Organizadas en la priorización de proyectos de desarrollo sostenible</p> <p>Taller 4: Riesgos Socio – Ambientales asociados al desarrollo de territorios extractivos mineros y alternativas de atención</p> <p>Taller 5: Visita de campo a zonas de influencia extractiva (minera)</p>
Conflict Resolution & Stakeholder Management - Oil and Gas (in Spanish)	Dalhousie	Colombia	August 18-28, 2020	20	<p>Taller 1: Diagnóstico Ambiental y Social en regiones emergentes en la actividad extractiva de hidrocarburos, dirigido a los grupos de interés de la municipalidad</p> <p>Taller 2: Preparación y Participación del Gobierno Local y las Comunidades organizadas en la Planificación de la Gestión Ambiental sobre territorios con influencia extractiva de hidrocarburos</p> <p>Taller 3: Preparación del Gobierno Local y Comunidades Organizadas en la priorización de proyectos de desarrollo sostenible</p> <p>Taller 4: Riesgos Socio – Ambientales asociados al desarrollo de territorios extractivos de hidrocarburos y alternativas de atención</p> <p>Taller 5: Visita de campo a zonas de influencia extractiva (hidrocarburos)</p>
Extractive Resource Governance Program Certificate	UCalgary	Calgary	July 6-24	20-35	<p>Fiscal Governance</p> <p>Learn when and how to develop legislation, regulations, policies and ways to collect, manage and distribute the funds that the government receives from resource development. This can include:</p> <ul style="list-style-type: none"> • Royalty and taxation systems for sustainable and predictable revenues, optimizing public benefit. • A competitive system that attracts industry investment. • State-owned investment funds (Sovereign Wealth Funds). <p>Regulatory Governance</p> <p>Learn when and how to establish an integrated system of legislation, regulation, policies, rules and processes that operators must follow to ensure resource development balances economic, environmental and social factors. This can include:</p> <ul style="list-style-type: none"> • Policy outcomes and regulatory objectives that identify what the government wants to achieve.

				<ul style="list-style-type: none"> • How to develop a transparent, predictable and efficient regulatory system that will enable the system to meet regulatory objectives. • Compliance assurance activities that ensure operators follow rules and processes, and that policy outcomes are met. • Stakeholder education and outreach. • Organizational design of the institutions that will build and implement the regulatory regime. • Technical expertise on specific issues such as water usage, land reclamation, and pipeline corridors. <p>These areas can be focused on specific countries' needs, such as managing unconventional resources, developing competitive markets or reforming existing regulatory practices.</p> <p>Public Engagement and Community Consultation Learn when and how to appropriately engage with people and organizations affected by resource development, from simply providing information to appropriately considering public feedback. This can include:</p> <ul style="list-style-type: none"> • Consultation processes with affected communities and Indigenous peoples. • Respecting local values and cultural norms. • Understanding who your stakeholders are and their concerns. • What tools are best suited to engage people and communities.
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