

# ANNUAL REPORT 2021

**EIM** Canadian Institute  
**ICM** of Mining, Metallurgy  
and Petroleum

Newmont Lake,  
Enduro Metals

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## Land Acknowledgement

CIM National acknowledges that the lands upon which we operate are the traditional territories of both the Kanien'kehá:ka, "Mohawk," and the Anishinabeg, "Algonquin," peoples who are long-time stewards of these lands and waters.



## RECALIBRATION

This past year has been nothing short of a foundational year for CIM. Still in the grip of the COVID-19 pandemic and all of its associated restrictions, we embraced the new, digital world and ran with it.

We reached out to a larger audience than ever before through virtual events and conversations via social media. We supported continual professional development through interactive webinars led by industry experts. We championed the industry by enabling CIM Branches, Committees and Societies to continue to work together to tackle both longstanding and emerging industry challenges.

The success CIM has seen over the past year is a testament to the commitment and compassion demonstrated by Past Presidents Samantha Espley and Roy Slack. From where I sit, I can see that CIM finds itself in a healthy state of renewal, ready to head into 2023 and toward its remarkable 125th anniversary.

Though COVID-19 forced us to cancel many of the events scheduled in early 2021, we came back strong with the Mines and the Environment Symposium, Mining Needs You Virtual Career Fair and the Capital Projects Symposium. All were well attended and proved the industry's commitment to continual improvement.

I am thrilled to see the high level of dedication to problem-solving demonstrated by all those who logged on and participated not only in these events, but in CIM Knowledge Exchange webinars and CIM sponsored events, like the Canadian Mining Games. The future of mining is, indeed, bright.

As I pass the reins to Anne Marie Toutant, I am confident that her industry experience and passion for safety, sustainability and community will strengthen CIM's future.

Thank you to Angela and the CIM National team, and volunteers across the CIM community. My time as president has been an invaluable learning opportunity.

**Pierre Julien**  
CIM President



## REFLECTION

As we close out the first year of CIM's three-year Collective Ambition Strategic Plan, I'm struck by the fresh perspectives, opportunities and clarity this year of "recalibration" has brought. The challenges wrought by a fast-changing world, public health restrictions and modern engagement tools have underscored the realization that when society fully reopens, simply returning to how things were is not an option. Instead, we're excited to continue traveling on what has become a transformational journey for our organization.

Last year, through our ongoing engagement with senior industry leaders – in particular our Corporate Patrons – we continued to dig even deeper to identify the priority issues facing our industry. This enabled us to take a closer look inward to identify and articulate the numerous initiatives CIM undertakes in support of these important issues and investigate ways in which we can collaborate to do even more. The increased engagement with mining companies provided renewed focus for CIM that greatly strengthens our community and our industry. By working collectively, we can more effectively advance our industry and create sustainable prosperity together.

The circumstances of the past year have reinforced what an important role CIM plays as a connector and conduit for critical insights and expertise across the full spectrum of the minerals industry in Canada and around the globe.

I would like to extend my sincere thanks to CIM President Pierre Julien and Past-President Samantha Espley, the full CIM Council, our numerous Society, Branch and Committee executives and all of our incredible volunteers and members throughout the OneCIM community for the trust they have placed in our CIM National team during a decidedly challenging – yet transformative – year. And, of course, I extend my heartfelt and profound thanks and admiration to the incredible CIM National staff – you moved mountains!

In the coming months and years, the CIM community will be tasked with rewriting the mining industry's place in history. We are excited to support you in your efforts, and committed to continuing to deliver excellence and growth for every member of our CIM family.

**Angela Hamlyn**  
CEO

# 10 THOUSAND STRONG ... AND GROWING

COVID-19 impacted CIM in many ways, including financially due to the cancellation of CIM2020. You, however, recognized the invaluable work that CIM does for the industry. You supported us, allowing us to deliver our services and initiatives in Canada and beyond. Your support helped us sustain our business so that we could continue to address important industry issues and bring increased value to the industry through collaboration and engagement.

This past year has proven that, together, we can direct the industry toward sustainable prosperity no matter the challenge.

## **UNCERTAIN TIMES. UNPRECEDENTED SUPPORT**

CIM's Corporate Patrons donated \$1.72 Million to ensure that CIM can continue to provide important education and other services that benefit the minerals and metals industry.



We are proud to support CIM, which has a long history of supporting innovation and excellence in the Canadian resource industry. We look forward to continuing to work together to strengthen Canada's reputation as a leader in responsibly building a better quality of life for people around the world.

- Don Lindsay, President & CEO,  
Teck Resources Ltd

# PROUD CIM CORPORATE PATRONS





## **OUR VISION**

The trusted authority and collective source for advancing mineral industry knowledge, guidelines and best practices.

## **OUR MISSION**

Cultivate knowledge, best practices and innovation to support our members, improve awareness of the minerals industry in society and evolve the industry responsibly.



## OUR COLLECTIVE AMBITION



Curating Knowledge



Driving Innovation



Developing Expertise



Recognizing Excellence



Fostering Connections



Engaging Society

### VISION

The trusted authority and collective source for advancing mineral industry knowledge, guideline and best practices



### MISSION

Cultivate knowledge, best practices and innovation to support our members, improve awareness of the minerals industry in society and evolve the industry responsibly

### STRATEGIC & OPERATIONAL GOALS

World-Class knowledge, personal and professional development

Unite and engage an expert CIM community where all belong

Expand awareness of the essential contribution mining makes to society

## CIM STRATEGIC PLAN

In early 2021 we unveiled our CIM Collective Ambition Strategic Plan – a compass that guides our future direction. As a catalyst for connectivity, CIM actively works for the Canadian minerals, materials and metals industry nationally and globally to support the industry in its role as a global leader in sustainable and responsible mining practices. CIM is recognized as the authoritative voice for technical content, global standards, best practices, emerging trends and a premier source for industry professional development.

### The CIM Advantage

- We are the only national body that represents the full minerals lifecycle.
- We have a non-commercial vested interest in enabling and supporting our industry in its role as a global leader in sustainable and responsible mining.

- We are uniquely equipped to address pressing industry issues through our branches, committees and societies, conferences, media and technical resources and to make connections nationally and internationally.
- As a grassroots organization, we bring together individuals and groups from all disciplines, from different areas of the industry and from all levels of organizations to learn and connect.
- We are actively working to encourage the next generation to get more involved.

### We Believe

- Collaboration leads to a sustainable future
- Membership fosters personal and professional development and world-class knowledge
- Engagement expands awareness of the essential contribution mining makes to society



## KEY INDUSTRY ISSUES

Through industry outreach and engagement over the past year, we identified four key issues impacting our industry. These issues are an opportunity for CIM and our partners to further our **collaboration** through **publications** and **events**, so we can advance our industry and create sustainable prosperity together. The engagement of mining companies, educational institutions and industry advocates strengthens the community. Active participation accelerates the exchange of information, best practices and professional development.



## ENVIRONMENTAL, SOCIAL & GOVERNANCE

Communities, stakeholders and investors demand stewardship, oversight and transparency whether in the drive to cut carbon emissions, the management of tailings or the engagement of local stakeholders. CIM is a leader in the promotion of sustainable mining practices and driving thought leadership for innovation and advancement in clean technologies.

### CIM INITIATIVES

Decarbonization | Tailings Management | Indigenous Relations | Water | Clean Technologies | Reclamation



**Working Groups:** CIM’s Environmental and Social responsibility Society (ESRS) has two active working groups: Social and Environmental



### Collaboration with Global Organizations: Global Action on Tailings

- ESG Guidelines provide guidance relating to the practice of preparing and executing mineral exploration programs or contributing to the preparation of Mineral Resource and Mineral Reserve estimates.
- Global Minerals Professional Alliance (GMPA), CIM and other global societies are engaging technical experts on discussions and solutions relating to tailings reprocessing, repurposing and ultimately tailings elimination.
- The aspects of ESG figure prominently in our webinars, technical presentations, magazine articles and resources.

#### Commitment

CIM’s Environmental and Social Responsibility Society, Health and Safety Society, & Diversity and Inclusion Advisory Committee are dedicated to issues of ESG

#### Best Practices

ESG Guidance Document for public commentary and Mineral Processing Best Practice review

#### Education & Innovation

Towards Net-Zero webinar; Symposium on Mines and the Environment; technical presentations, resources & case studies in decarbonization

## PUBLIC PERCEPTION

CIM plays an important role in promoting the positive and essential role our industry plays in our everyday lives. We provide the toolkit that helps branches, societies and committees reach out to thousands of students, recent grads and those already working within the mining sector. Together, we network, collaborate on projects, share lessons learned and promote expertise. Improving the awareness of the essential contribution mining makes to society is imperative.



### CIM INITIATIVES

Socio-Economic Benefits | Advancements in Sustainability | Careers in Minerals Industry | Contribution towards Net-Zero Future



#### Public Education

- CIM Joint Venture with Science North to develop an online educational experience focused on sustainability
- CIM Foundation educational mineral cards program



#### Supporting Communities

- Careers in Mining: Job Fair in collaboration with PDAC and MiHR
- Community Outreach: CIM Teacher's mine tours experiences; Branch engagement activities with their local communities



The Branch learned to host hybrid luncheon speakers using Facebook Live. We also sponsored delivery of a highly successful Mining Matters program at local elementary schools, reaching about 650 children.

- Northern Gateway Branch



## NURTURING LEADERS

Canada’s mining sector is facing a severe labour market shortage, with MiHR reporting a need for 100,000 new workers over the next 10 years. Through our societies, committees, branches, events, professional development and educational programming CIM is collaborating to move the dial on issues of D&I, Health and Safety, and the future workforce.

CIM  
MENTORSHIP  
PROGRAM

13%

MORE MENTORS

21%

MORE MENTEES

### CIM INITIATIVES

Diversity and Inclusion | Community & Indigenous Relations | Health & Safety | Professional Development | Mentorship



#### Education & Training

- Webinars, technical presentations and short courses



#### Championing Health & Safety

- Pan-Canadian initiatives through CIM Health & Safety Society



#### Future Workforce

- Canadian Mining Schools Committee addressing curriculum development; CIM Mentorship Program; Partnership with Canadian Mining Games



#### Diversity & Inclusion

CIM's Diversity and Inclusion Advisory Committee hosted 7 webinars and workshops on neurodiversity, Indigenous and community relations, including:

- The Benefits of Neurodiversity in the Mining Industry
- Cross-industry perspective: Indigenous Inclusions
- Operationalizing Diversity and Inclusion Through Risk Management



#### Recognizing Excellence

CIM has created a venue to recognize and honour high performing operations and individuals for their leadership in areas including safety and sustainability.



## BUILDING KNOWLEDGE

CIM is the trusted leader in creating, curating and sharing leading edge content and best practices and advancing the level and quality of technical and industry knowledge.

### CIM INITIATIVES

Advancing Innovation & Optimization | Productivity | Research & Development | Shareholder Confidence | Qualified Persons | Regulation



#### Leading-Edge Knowledge

- CIM Distinguished Lecturer Series; *CIM Magazine*, *CIM Journal*, *OneMine* and *CIM Technical Paper Libraries* and Knowledge Exchange webinar series



#### We launched 5 CIM National Events

- CIMVTL21, our first online annual conference
- Symposium on Mines and the Environment
- 60th Annual Conference of Metallurgists
- Mining 4.0: The Digital Mine Symposium
- Mining Needs You: Virtual Career Fair



#### Personal & Professional Development

- CIM Academy online learning platform

Downloads of CIM papers from OneMine

**21,394**

### We presented 18 new Knowledge Exchange webinars

- 1 Six Decades of Potash Mining in Saskatchewan: Major Achievements + Some of the Challenges Ahead
- 2 ESG & Mining
- 3 Compliance and Reporting in Geometallurgical Sampling
- 4 It's All About Kelvin - Estimating Innovation Performance in the Mining Industry
- 5 Synthetic High-Resolution Block Model for Benchmarking Mining Technologies

**TOP 5**

### We published 209 CIM Academy recordings in 2021

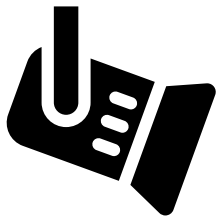
- 1 Cut-off Grade Optimization at the Chelopech Mine
- 2 What is the future of the Mining Business Model? Pt. III: Business Model Innovation
- 3 Tools to Effectively Evaluate and Communicate the Potential Value of Mineral Projects
- 4 Data-Driven Reconciliation: Integrating Drill and Blast with Truck Fleet and the Mill
- 5 What is the future of the Mining Business Model? Pt. I: The Trajectory of the Mining Business Model



## PUBLICATIONS

CIM societies and committees contributed to mining scholarship by publishing or drafting guidelines, standards, white papers, studies and journal articles.

-  *CIM Journal* - 15 articles published covering Environmental and Social Responsibility; Surface Mining; Underground Mining; Metallurgy and Materials; Geology; Maintenance, Engineering and Reliability
-  Draft CIM ESG Guidelines by the Environmental and Social Responsibility Society and the Mineral Resources and Mineral Reserves Committee
-  CSA/ISO Standard for Mine Closure and Reclamation by the Environmental and Social Responsibility Society
-  Proceedings from the 60th Annual Conference of Metallurgists - Metallurgy and Materials Society
-  Mining 102 Guidelines - Underground Mining Society
-  *Porphyry Deposits of the Northwestern Cordillera of North America: A 25-Year Update, Special Volume 57* - CIM Geological Society
-  20 white papers for the Rock Engineering Society AGM



## DIVERSITY & INCLUSION ADVISORY COMMITTEE

7  
webinars

**Published**  
"Gaining insight on parenting in mining"

### Initiatives

- Tell us, how do you D&I?
- Launched series on neurodiversity
- #thislittlegirlisme campaign

### SAIMM conference presentations

- Nathan Stubina, Sherritt International Corporation, "Sherritt International - What D&I and I&D means to us"
- Lana Eagle, Lana Eagle Consulting, "Building Meaningful Relationships between Mining Companies and Indigenous Peoples: a Canadian Perspective"
- Theresa Nyabeze, Vale, "Expanding our circle of concern - a Canadian observation"

# COLLABORATION

We have the reach and vehicles to engage industry stakeholders.

OVER

**\$190,000**

GIVEN OUT IN DONATIONS,  
SCHOLARSHIPS  
AND GRANTS



**18**

IN-PERSON EVENTS,  
INCLUDING  
Golf Games &  
Tournaments, Mining  
Week Activities, Steak  
& Lobster Event,  
Curling Funspiel,  
Student Nights



**112**

WEBINARS, VIRTUAL  
MEETINGS AND  
SEMINARS



**130**

BRANCH, SOCIETY  
AND COMMITTEE  
EVENTS



## COLLABORATING ACADEMIC INSTITUTIONS

BRITISH COLUMBIA  
INSTITUTE OF  
TECHNOLOGY

ÉCOLE POLYTECHNIQUE  
MONTRÉAL

KEYANO COLLEGE

LAKEHEAD UNIVERSITY

MCGILL UNIVERSITY

SCHULICH SCHOOL OF  
BUSINESS

UNIVERSITÉ DU QUÉBEC  
EN ABITIBI-  
TÉMISCAMINGUE

UNIVERSITÉ LAVAL

UNIVERSITY OF BRITISH  
COLUMBIA

UNIVERSITY OF CALGARY

UNIVERSITY OF  
SASKATCHEWAN

UNIVERSITY OF  
TORONTO









# EVENTS













































In 2021, CIM, along with its partners, launched five large-scale online events for the minerals, metallurgy and materials sector which drew speakers and attendees from around the world.

## CIMVTL21 a “virtual” success!

**CIM ICM VTL21** Faced with the ongoing COVID-19 pandemic, CIM National took the opportunity to host the first-ever virtual CIM Convention and pivoted to a digital delivery of live events. We are pleased to report that the 2021 CIM Convention + EXPO was a huge success! The technical program had presentations organizations under 12 themes and had a strong focus on digital solutions and mine production.

					
<b>Delegates</b>	<b>Presentations</b>	<b>Exhibitors</b>	<b>Corporate Sponsors</b>	<b>Keynotes &amp; Plenaries</b>	<b>Networking Events</b>
<b>1,140</b>	<b>159</b>	<b>140</b>	<b>75</b>	<b>7</b>	<b>10</b>

### Sponsors

<b>EVENT PATRON</b>			<b>DOUBLE DIAMOND</b>			<b>PLATINUM</b>					
											
<b>GOLD</b>											
											
<b>SILVER</b>											
											
<b>COPPER</b>											
											
<b>NICKEL</b>											
											
<b>FRIEND</b>											
											
											
<b>MEDIA</b>											
											

## Symposium on Mines and the Environment



**SYMPOSIUM 2021 • VIRTUEL**  
 SUR L'ENVIRONNEMENT ET LES MINES  
 MINES AND THE ENVIRONMENT  
**14-16 JUIN 2021**

This bilingual symposium is normally held every three years in Rouyn-Noranda, Quebec, and focuses on discussing current best practices in balancing mineral extraction and environmental protection.

The symposium is a partnership between The Université du Québec en Abitibi-Témiscamingue (UQAT) and CIM, and the result of a collaboration between the Research Institute on Mines and Environment (RIME) UQAT-Polytechnique, the Unité de Recherche et de Service en Technologie Minérale (URSTM), and many government actors and mining companies.



Delegates

**346**



Workshops  
(58 attendees)

**4**



Presentations

**22**



Student Posters

**44**



Keynote Speakers

**3**



Corporate Sponsors

**19**



Social Events

**3**



Career Award Recipient

**1**

### Sponsors

#### GOLD



#### SILVER



#### SUPPORTER



## 60th Annual Conference of Metallurgists



Offering a broad range of topics in hydrometallurgy, light metals, materials and manufacturing, mineral processing, pyrometallurgy and sustainability, the Conference of Metallurgists provided an international forum for both industrial and academic researchers to meet and discuss recent advances in the field.



Round Table Discussions

6



Presentations

129



Keynote

13



Student Awards

6

### Sponsors

#### TOP SPONSOR

**HATCH**

#### SOCIAL ENGAGEMENT SPONSORS

GLENCORE  
TECHNOLOGY

**sherritt**

#### PARTICIPANT SPONSOR

**KPM**  
Kingston Process Metallurgy Inc.

#### SUPPORTERS

**BLG**  
Borden Ladner Gervais

ridout & maybe LLP  
CANADA'S INTELLECTUAL PROPERTY AND TECHNOLOGY LAW FIRM

**KÜTTNER**

**CA ENG**  
Good People Doing Good Work

**SNC • LAVALIN**

**DALHOUSIE**  
UNIVERSITY

**BBA**

Metso:Outotec

**Ryerson**  
University

**HAZEN**

**SGS**

**CIMMAGAZINE**

Canadian  
**MINING**  
Magazine

## Mining 4.0: The Digital Mine Symposium

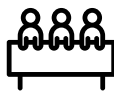


There is a growing collection of case studies that illustrate the impact these technologies are having on safety, reliability, productivity and even sustainability. Mining 4.0 was a forum to meet with others in the minerals and metals industry to explore these developments and build on them to accelerate mining's digital transformation.



Days

3



Live Panel Discussions

4



Technical Sessions

6



Field Trip

1



Keynote Speakers

3



Networking Opportunities

6



[Implementing a digital program] is a collaboration. You need to work with a network of components, providers and ultimately people.

– Andrew Scott, METS Ignited

### Sponsors



National Research Council Canada

Conseil national de recherches Canada



Mining Needs You: Virtual Career Fair

# Mining Needs You Virtual Career Fair



Presentations and networking opportunities that connected a new workforce to in-demand mining occupations and work-integrated learning opportunities

**STUDENTS ASK:**

**Q: How do you grow and maintain your professional network?**

A: "The best for me is attending conferences. You get to know people and you end up seeing them at each conference you attend."

– François Landry, Senior Partner,  
ERM: Environmental Resources Management

**Q: What are some of the most important lessons you've learned in your career?**

A: "Flexibility is the key to success. We must persevere and be adaptable and agile to be responsive to changing circumstances. I'd also say to treat every experience as a learning experience and every person you meet as someone to learn from. Push yourself beyond your comfort zone and aim to assume more responsibility. Be respectful of everyone you meet. This industry, while global in scale, is actually a very small world. Very importantly, take the opportunity to volunteer with an organization. Not only will it help others, it will expand your network and horizons and make you a better person."

– Karen Rees, Second Vice-President, PDAC

**Q: How do I make connections in the industry as a new Canadian?**

A: "There are, no doubt, many challenges when job-seeking in a new country. How you can get started is to first find people who have a similar background to you – people who are new to Canada as well, maybe even from the same part of the world that you're from because there's a natural degree of trust already there thanks to the shared experience and culture. Then look for companies that are open-minded and interested in hiring from all walks of life."

– Mike Bird, CoachOiseau Career Coaching



Job Seekers  
**+500**



Recruiters  
**40**



Days  
**2**

**Sponsors**



Funded by the Government of Canada  
Financé par le gouvernement du Canada



# CIM FOUNDATION

[www.cimfoundation.ca](http://www.cimfoundation.ca)

During 2021, the CIM Foundation and its partners, including MineralsED and the Club de Minéralogie de Montréal, continued to remind educators that we provide educational materials free of charge without copyright restrictions through our website.

Despite COVID restrictions which limited fundraising events, and in partnership with the Management and Economics Society (MES), the CIM Foundation held silent auctions. We thank all those who placed bids. These funds are integral to the work of the Foundation.

The CIM Foundation has continued to award scholarships to support students and has provided funds to CIM Student Chapters to organize and host virtual events.



CIM FOUNDATION | FONDATION IEM  
50th ANNIVERSARY | 50e ANNIVERSAIRE

## Accomplishments

In 2021, Natural Resources Canada (NRCan) assisted the CIM Foundation's mineral card project by providing a grant to promote Canada's 31 critical minerals. NRCan supported the Foundation's grant application by confirming \$30,000 for the project. The cards will be printed and distributed in 2022.



**2021 BOARD OF DIRECTORS** Ed Beswick (President), P.Eng., FCIM, Jacqueline Allison Ph.D. FCIM (Chair of the Nomination Committee), Tom Broddy, FCIM, Carlos da Costa Ph.D., FCIM, (Chair of Finance Committee), Tracy Holmes, P.Eng., Jean-G. Fortin, ing., FCIM, Jessie Liu-Ernsting, P.Eng., MBA, Zoltan Lukacs, P.Eng., FCIM, (Chair of the Scholarship Committee), Nathan Stubina Ph.D., FCIM, (Chair of the Fundraising Committee)

## 2020-2021 CIM COUNCIL

### Executive

#### President

Samantha Espley, BESTECH

#### President-Elect

Pierre Julien, DRA Global

#### Incoming-President Elect

Anne Marie Toutant, IAMGOLD

#### Immediate Past President

Roy Slack, Cementation Americas

#### Audit and Risk Chairman

Eric Talbot, PricewaterhouseCoopers

#### Directors at Large

Michael Allan, MJ Allan Consulting

Michael Cinnamond, B2Gold Corp.

### District Vice-Presidents

#### Eastern District, Second Year

Allan Cramm, Anaconda Mining

#### Eastern District, Second Year

Dany Bélanger, Telecon

#### Central District, First Year

Andrew Smith, Dumas

#### Central District, Second Year

Sarah Wilson, SGS Canada Inc.

#### Western District, First Year

Cameron Stockman, CEC Mining Systems Corp.

#### Western District, Second Year

Vacant

### Society Chairs

#### Canadian Mineral Processors Society

Stuart McTavish, SF McTavish Consulting Inc.

#### Environmental and Social Responsibility Society

Karen Chovan, Consultant

#### Geological Society

Dan Marshall, Simon Fraser University

#### Health and Safety Society

Glenn Lyle, MIRARCO

#### Maintenance, Engineering and Reliability Society

Jean Vavrek, American Biltrite

#### Management and Economics Society

Jacqueline Allison, Tethyan Resource Corp

#### Metallurgy and Materials Society

Greg Richards, Teck Resources Limited

#### Mining Society of Nova Scotia

Maggie Mackay, Klohn Crippen Berger

#### Rock Engineering Society

Doug Milne, University of Saskatchewan

#### Surface Mining Society

Ross Pritchard, Teck Resources Limited

#### Underground Mining Society

George Darling, Sandstorm Gold Royalties

### Staff/Ex Officio

#### Chief Financial Officer

Benoît Sawyer, CIM

#### Ex-officio

Angela Hamlyn, CIM

Marilou Reboulis

#### Director, Media and Marketing

Ryan Bergen

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#### Audit and Risk Chair

Eric Talbot, PricewaterhouseCoopers

#### Directors at Large

Garth Kirkham, Kirkham Geosystems;

Johnna Muinonen, Dumont Nickel

### District Vice-Presidents

#### Eastern District, Second Year

Serge Perreault, Consultant

#### Eastern District, First Year

Stefanie Vo, Hatch

#### Central District, Second Year

Andrew Smith, Dumas Mining

#### Central District, First Year

Curtis Clarke, Golder Associates Ltd

#### Western District, Second Year

Cameron Stockman, CEC Mining Systems Corp

#### Western District, First Year

Jason Belanger, Nutrien Ltd

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#### Health and Safety Society

Glenn Lyle, MIRARCO

#### Maintenance, Engineering and Reliability Society

Dominique Privé, STI Maintenance

#### Management and Economics Society

Jacqueline Allison, Tethyan Resource Corp

#### Metallurgy and Materials Society

Janice Zinck, Nova Scotia Government

#### Mining Society of Nova Scotia

Joe Hines, East Coast Metal Fabrication

#### Society for Rock Engineering

Mike Yao, Vale

#### Surface Mining Society

Ross Pritchard, Teck Resources Limited

#### Underground Mining Society

George Darling, Sandstorm Gold Royalties

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#### Ex-officio

Angela Hamlyn, CIM

Marilou Reboulis

#### Director, Media and Marketing

Ryan Bergen

#### Director, Member Engagement and Partnerships

Karine Limage

#### Director, Events and Professional Developments

Christopher Marilley

# CIM SOCIETIES

CIM has eleven societies that are instrumental in helping industry professionals develop their knowledge and expertise in the Canadian minerals, metals, materials and petroleum sectors. Societies are integral to CIM because of the significant impact of the various conferences, publications, workshops, awards and scholarships they deliver with the support of their dedicated volunteer members.

## CANADIAN MINERAL PROCESSORS SOCIETY

<https://www.cmpsoc.ca/>

**Executive Members Chair** Andrew Taylor, St Barbara  
**Past Chair** Berge Simonian, Copper Mining Corporation  
**1st Vice-Chair** Irma Gabric Burk, Transmin  
**Secretary** Rory Cameron, NRCan/CanmetMINING  
**Treasurer** Wesley Griffith, NRCan/CanmetMINING

## ENVIRONMENTAL AND SOCIAL RESPONSIBILITY SOCIETY

<https://societies.cim.org/esrs>

**Executive Members Chair** Karen Chovan, Enviro Integration Strategies  
**Vice Chair** Jenifer Hill, Consultant  
**Past Chair** Edith Garneau, Independent Consultant  
**Treasurer** Toritshe-Sade Omoniyi, Tega Gold  
**Secretary** Marian Tibor-McMahon, Wood  
**Director, Communications** Scott Curry, Skookumchuck Pulp Inc.  
**Director, Technical Programming** Julie Champagne, National Research Council  
**Director, Working Group Coordinator** Mark Wallgren, Efflex  
**Director, Awards** Resa Furey, Stantec  
**Director, Publications** Gabriel Castillo Devoto, Hatch  
**Ad Hoc Advisors** Kim Bittman, Kim Bittman Consulting; David Forrester, AECOM; Karola Tóth, SNC Lavalin  
**Executive Support** Scott Curry, CQ Strategy Ltd

## GEOLOGICAL SOCIETY

<https://www.cim.org/subsites/societies/geological-society/>

**Executive Members President** Andrew Randell, SGDS-Hive  
**Vice-President** Libby Sharman, BHP  
**Past President** Dan Marshall, Simon Fraser University

## HEALTH AND SAFETY SOCIETY

<https://www.cim.org/subsites/societies/health-and-safety-society/>

**Executive Members Chair** Glenn Lyle, MIRARCO  
**Vice-Chair** Samantha Espley, BESTECH  
**Secretary** Bryan Wilson, Golder  
**Treasurer** Nelson Bodnarchuk, Torex Gold  
**Past Chair** Roy Slack, Cementation Canada

## MAINTENANCE, ENGINEERING AND RELIABILITY SOCIETY

<https://societies.cim.org/mers/en/>

**Executive Members Chair** Dominique Privé STI Maintenance Inc  
**Immediate Past Chair** Jean Vavrek, American Biltrite  
**First Vice Chair** Martin Provencher, Aveva  
**Second Vice Chair**, Vacant  
**Director, Sponsorship** Vacant  
**Treasurer** Richard A. McIvor, McIvor Engineering and Maintenance Services Inc  
**Administrator/Recording Secretary** Marcel M. Djivre, Sudbury, ON  
**Director Peer Review Chair, Publications** Agus P. Sasmito, McGill University  
**Director Membership** Charles E. Knight, Hatch  
**Director Education** (Scholarships/Student Liaison) Dean Millar, Bharti School of Engineering, Laurentian University  
**Director Energy** Michelle Levesque  
**Director, Website Coordinator** Noémie Rouleau, RPMGlobal  
**Executive Aid** Vacant  
**Director/Executive Members** Brad Kingston, Tetra Tech; Mustafa Kumrai, McGill University; Glenn Lyle, Centre for Excellence in Mining Innovation; Tom Shumka, Global-PAM; Bill Wright, Metania; Alan Cajueirio, Asset Performance Canada; Don Brough, TEMA ISENMANN, Inc; Lee Weitzel; William Quinn, Global PAM  
**Retired Director/Executive Members** Jean Béliveau, Agnico-Eagle Mines Ltd; Jo-Anne Boucher; Pierre-Luc Dufour; Luc Gagnon, Gestion de Projets LG; Mel Harju; B. F. Kubica, J. F. Comer Inc.; André Lemay; Robert J. Lipic; F. Bennett McLaughlin; Jacek Parazczak, Université Laval; J. R. Robert Pronovost, Retired; Damian Rohraff, Saskatchewan Research Council; Eric Schraml; Bruce Wesner, LCE - Life Cycle Engineering  
**On Sabbatical Leave** Rahul Lakhote, Colas Canada  
**Ex Officio** CIM Angela Hamlyn






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## MANAGEMENT AND ECONOMICS SOCIETY

<https://www.cimmes.org/>

**Executive Members** Chair and Director Jacqueline Allison, Allison Consulting **Immediate Past Chair and Director** Carlos da Costa, University of British Columbia/Simon Fraser University **Secretary** Aravind Raman, Hatch **Co-Treasurer** Lisa Ross, Revival Gold **Co-Treasurer** Simona Cara, Anomis Consulting **Directors** Jessie Liu-Ernsting, Keystone Resource Solutions; Larry Smith, Lawrence, Devon, Smith & Associates; Keith Spence, Global Mining Capital; Jane Spooner, Retired

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## METALLURGY AND MATERIALS SOCIETY

<https://www.metsoc.org/>

**Executive Members** President Stephen Corbin, Dalhousie University **Immediate Past President** Mansoor Barati, The University of Toronto **1st Vice-President** Janice Zinck, Nova Scotia Government; **2nd Vice-President** Roki Fukuwaza, Hatch **3rd Vice-President** Erin Bobicki, University of Alberta **4th Vice-President** Julie Levesque, Cégep Trois-Rivières **Secretary** Dimitrios Filippou, Rio Tinto **Treasurer** Greg Richards, Consultant **Hydrometallurgy** Alexander Burns **Light Metals** Sumanth Shankar, McMaster **Materials** Yu Zou, University of Toronto **Minerals, Science & Engineering** Charlotte Gibson, Queen's University **Pyrometallurgy** Tanai Marin, XPS **Sustainability** Brittany MacKinnon, Hatch **Business Development** Daniel Brosig, Energy Solutions - Gas Cleaning Technologies LLC **Publications** André Phillion, McMaster University **Membership** Georges Houlachi, Hydro Québec **Student Services** Sidney Omelon, McGill University

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## MINING SOCIETY OF NOVA SCOTIA

<https://societies.cim.org/msns/en/>

**Executive Members** President Maggie MacKay, Klohn Crippen Berger **1st Vice-President** Morgan Schauerte, Hemmera/Ausenco **Immediate Past President** Joe Hines, East Coast Metal Fabrication Inc

**Treasurer/Secretary** Florence Sigut **Past Presidents** Gary Chew, Sansom Equipment; Byron MacMillan, CGC Little Narrows

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## SOCIETY FOR ROCK ENGINEERING

<https://www.cim.org/subsites/societies/society-for-rock-engineering-res/>

**Executive Members** Chair Mike Yao, Vale **Chair Elect** Kamran Esmaeili, University of Toronto **Past Chair** Doug Milne, University of Saskatchewan **Treasurer** Dave Landry, Vale **Secretary** Darren Neely, Nutrien **Past Chair & Publications Officer** Martin Grenon, Université Laval **Member at Large** Efstratios Karampinos, Université Laval; Steven Otto, Golder Associates; John Unrau, Mosaic Potash Esterhazy

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## SURFACE MINING SOCIETY

<https://www.cim.org/subsites/societies/surface-mining-society-sms/>

**Executive Members** Chair Ross Pritchard, Teck Resources Ltd **Past Chair** Zoli Lukacs **Incoming Chair** Brad Strueby, Teck Resources **Director** Allan Boddy, NovaTech Mining **Past Chair & Director** Tom Broddy **Directors** Bob McCarthy, SRK; Mike Petrina, Moose Mountain Technical Services; Tim Skinner, SMART Systems Group

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## UNDERGROUND MINING SOCIETY

<https://www.cim.org/subsites/societies/underground-mining-society-ums/>

**Executive Members** Chair George Darling, Sandstorm Gold Ltd **Vice Chair** Ali Madiseh, University of British Columbia **Past Chair** Gary Poxleitner, SRK Consulting (Canada) Inc **Treasurer** Lorelei Ratuszniak, EOD Consulting **Secretary** Dylan Shacker, Nutrien **Directors** Donna Beneteau, University of Saskatchewan; Peter Cain rokdoc Services Inc; Robrecht Schmitz, Sibelco; Ferri Hassani, McGill University; Vanessa Poxleitner, SRK Consulting (Canada) Inc; Fran Yunwirth

# CIM COMMITTEES

CIM has a number of standing and ad hoc committees that play a vital advisory role to CIM Council. Through their leadership efforts, guidelines, publications and events, these committees not only impact CIM members but also the greater mining communities in Canada and internationally.

## AUDIT AND RISK COMMITTEE

**Chair** Eric Talbot **Past Chair** Mark Patterson **Chief Executive Officer** Angela Hamlyn; **CIM Director Finance & Business Systems** Benoit Sawyer **Members** Felicity Bandic; Rocio Benitez; Gary Snow; David Whittle

## AWARDS COMMITTEE

**Chair** Sarah Wilson, SGS Canada Inc. **Secretary** Laura Foley, CIM **Members** Tom Broddy, Retired; David Forrester, AECOM; Angela Hamlyn, CIM; Ferri Hassani, McGill University; Karine Limage, CIM; Serge Perrault, SOQUEM; Anne-Marie Toutant, CIM

## CANADIAN MINING SCHOOLS

**Chair** Hani Mitri, McGill University **Vice-Chair, Communications** Anne Johnson, Queen's University **Ex-Officio** Angela Hamlyn, CIM **Members** Derek Apel, University of Alberta; Tikou Belem, Université du Québec en Abitibi-Témiscamingue (UQAT); Donna Beneteau, University of Saskatchewan; Katherine Bruce Cambrian College; Ming Cai, Laurentian University; Robert Hall, South Dakota School of Mines; Carmen Jensen, University of British Columbia

## SPECIAL COMMITTEE ON THE VALUATION OF MINERAL PROPERTIES (CIMVAL)

**Co-Chairs** Keith Spence, Global Mining Capital Corp.; Dr. William (Bill) Roscoe, P.Eng, Roscoe Postle Associates Inc. **Secretary** Eden Oliver, Theorem Synthetic Intelligence **Members** Dr. Carlos da Costa, University of British Columbia/Simon Fraser University; Michael Fowler, McCutcheon Ltd.; Marc Legault, Agnico-Eagle Mines; Bruce McKnight, Minerals Advisory Services; Derek Melo, KPMG; Howard Rosen, Secretariat Dr. Michael Samis, SCM Decisions; David Scott, Blair & Associates, Associate Consultant

## DIVERSITY AND INCLUSION ADVISORY COMMITTEE

**Co-Chairs** Theresa Nyabeze, Vale; Mohammad Ali, Kirkland Lake Gold **Secretary** Katie Burau, Stantec **Committee Members** Mafalda Arias, Mafalda Arias and Associates; Miriam Clark, Okane Consultants; Lana Eagle, Consultant; Samantha Espley, Bestech Canada Ltd.; Nermina Harambasic, O-Mod; Anne Johnson, Queen's University; Madi Manal, ABB; Tebatso Mothupi, Student; Robert Schafer, Eagle Mines Management LLC; Nathan Stubina, Sherritt International; Lorena Tere, Apple; Jacqueline Varey, Hatch **Ex Officio** Angela Hamlyn, CIM; Marilou Reboulis, CIM

## GOVERNANCE COMMITTEE

**Chair, Governance Committee** Samantha Espley, BESTECH **President Ex Officio** Pierre Julien, DRA **Directors at Large** Pierre Boivin, McCarthy Tétrault; Dan Borenstein McCarthy Tétrault; Garth Kirkham, Kirkham Geosystems Ltd; Johnna Muininen, Dumont Nickel; Eric Talbot, PWC **Ex Officio** Benoit Sawyer, CFO

## INTERNATIONAL ADVISORY COMMITTEE

**Co-Chairperson** Greg Rasmussen, RPMGlobal **Co-Chairperson** Nathan Stubina, Sherritt International Corp **Past-President** Roy Slack, Cementation A Munay & Roberts Company **President** Pierre Julien, DRA Global **CIM CEO** Angela Hamlyn, CIM **Members** Bern Klein, UBC; Doris Hiam-Galvez, Hatch; Daniel Gagnon, RA Global; Pramod Kumar, Polycorp; Carlos da Costa, University of British Columbia / Simon Fraser University

## MEMBERSHIP COMMITTEE

**Chair** Dylan Shacker, Nutrien **Members** Deanna Hersey, Western University; Vikram Jayaraman, DRA Global; Pierre Julien, DRA Global; Betty Lin, Hatch; Kelly Mangwengwende, Pan African Mining;



Cameron Stockman, CEC Mining Systems Corp;  
 Brad Strueby, Teck Resources Limited **MetSoc**  
**Managing Director** Brigitte Farah **Member Engagement**  
**Coordinator** Laura Foley **CIM Chief Executive Officer**  
 Angela Hamlyn **Director, Member Engagement and**  
**Partnerships** Karine Limage

## MINERAL RESOURCES MINERAL RESERVES COMMITTEE

**Co-Chairs** Deborah McCombe, SLR; Garth Kirkham, Kirkham Geosystems **Members** Sebastien Bernier, Yamana Gold; Alain Carrier, InnovExplo; Wes Carson, Wheaton Precious Metals; Normand Champigny, Québec Precious Metals Corporation; Hendrik Falck, Government of Northwest Territories; Greg Gosson, Wood; Angela Hamlyn, CIM; Jennifer Hill, J LH Environmental; Edward (Ted) Mahoney, Viva Gold Corp.; Rodrigo Marinho, Teck Resources Limited Vivienne McLennan, Capstone Mining Corp.; Kevin Palmer, Teck Alaska Incorporated; David Paquin Bilodeau, Agnico Eagle; Reno Pressacco, SLR Consulting; Al Renaud, Cameco Corporation; Stella Searston, Mine Technical Services Ltd.; Alistair Sinclair, Sinclair Consultants Ltd.; Stephen Taylor, SRK Consulting; **Observers** Chris Collins, BC Securities Commission; Craig Waldie, ON Securities Commission; Erika Latourelle-Vigeant, Autorite des marchés financiers (AMF)

## PROFESSIONAL DEVELOPMENT COMMITTEE

**Chair** Donna Beneteau, University of Saskatchewan  
**Vice Chair** Maggie MacKay **File Storage** Brigitte Farah, CIM

## TECHNICAL PUBLICATIONS COMMITTEE

**Chair** Chuck Edwards, Extractive Metallurgy Consulting **Canadian Mineral Processors** Erin Bobicki, University of Toronto **Environmental & Social Responsibility Co-Chair** Gabriel Castillo, UBC, **Geological Chair** Hendrik Falck, NWT Geological Survey **Geological Co-chair** Steve McCutcheon, McCutcheon GeoConsulting **Maintenance, Engineering & Reliability** Agus Sasmito, McGill University **Management & Economics** Mark Lamoureux, Retired **Metallurgy & Materials** James Budac, Retired **Rock Engineering** Martin Grenon Université Laval **Surface Mining** Loy Chunpongtong, Gamontip Consultants **Underground Mining** Ferri Hassani, McGill University **Underground Mining Co-chair** Ali Madiseh, UBC **CIM Staff** Janice Burke, CIM; Ryan Bergen, CIM; Michele Beacom, CIM, **Ex Officio** Angela Hamlyn, CIM

## CIM BRANCHES

Branches are organized geographically within three districts across Canada to address the local needs of members. They discuss regional issues concerning the industry and undertake CIM's mission at a local level.

### AMOS

**President** Robert Cloutier Magneto Investments LP  
**1st Vice-President** Ghislain Macameau Ghimac **2ième VP** Nico Brière Forage Nordik **Treasurer** Gilles Blanchet Consultant **Secretary** Dany Charron UQAT  
**Administrators** Sébastien D'Astous Ville d'Amos Marc-André Lavergne Yamana Gold; Michaël Lavoie Polyplast; Claude Balleux ADN Organisation; Michel Ratté Drones Experts; Philippe Belzile Glencore;

### CALGARY

**Chairman + Technical Program/Sponsors** Fraser Rowe, Deswik **Education & Awards / MES Liason/ Youth Fair** Patrick Landry, Cabin Ridge **Secretary** Jim MacDonald  
**Publicity / Facilities Liaison** Greg Peters, BBE **Technical Program / Sponsorship** Edward Alberts, Edward Alberts Consulting **Technical Program / Sponsorship** Stephanie D'Hondt (on leave), Terracon  
**Geotechnique Member Recognition / Treasurer** Haig Allalemdjian, Teck **Member Recognition / Treasurer (Training)** Blaine Renkas, Barr Engineering **Website / Membership / Social Media** Theresa Lavender, River Valley Consulting **Director-at-Large** James Faraday, River Valley Consulting

### CHAPAIS-CHIBOUGAMAU

**President** Gabrielle Rochefort, SOQUEM inc. **Vice-President** Patrick Houle, MERN (retraité) **Secretary-Treasurer** Stéphane McKenzie, Société du Plan Nord  
**Directors** Kevin Lemoine, Forage Joanie Béland, SOQUEM inc. Yvon Bellavance, Centre d'études collégiales de Chibougamau / Le Service aux entreprises et aux collectivités Julie Laberge, Les Entreprises Alain Maltais Inc. Daniel Bergeron, Troilus

### CROWSNEST

**Chairman & Treasurer** North Jones, Queen's University  
**Vice Chairman** Stephen Jarvis, Cummins Western Canada **Secretary** Lawrence Chow; AMEC **Director at Large** Alex Millar, Intermountain Specialties

### EDMONTON

**Chair and Sponsorship** Fenna Poelzer **Past Chairs** James Black, Finning Canada, Chris Pichurski **Vice Chair** Scott MacDougall; SunHills Mining LP **Technical Chair/Treasurer** Cayce Kerr, Finning Canada  
**Membership and Public Relations** Tyler Wudrick  
**Director** Kenton Banack **Student Representatives** Lukasz Gaciag, University of Alberta; Joshua Magtoto; Dianne Ceniza, University of Alberta

### GTA WEST

**Co-Chairs** Phil Cancilla Heath & Sherwood; Mary Murray The Human Well **1st Vice Chair** Peter Kilmurray Haver & Boecker **2nd Vice Chair** Stephen Mlot **Treasurer** John Thompson, John P. Thompson & Associates **Secretary** Yasha Chaugule, SGS Canada Inc. **Director** Bayar Baatar, Baatar Consulting Inc; Michelle Cilliers, Commerce Cillutions; Alessandra Fiorentini, Worley; Abhinav Nirula, Metso Outotec; Spencer Ramshaw, RSR Freelance; Mel Sauvè, Global Growth Results; Dave Soper, Weir; Michael Sue, Worley **CIM National Ambassador** Peter C. Salmon, Northern Cast Parts **2017 Past Chair** Sarah Wilson, SGS Canada Inc.

### HAMILTON

**Chair & Secretary** Shannon Clark, ArcelorMittal Inc. **Vice-Chair & Director** Jane Wood, ArcelorMittal Inc.

### LIMA (PERU)

**Chairman** Siegfried Arce, TATA Soluciones **Immediate Past-Chair** Bertrand De Windt **Secretary** Carlos Tambini **Treasurer** Joe Pezo **Executive Member** Edmundo Rodriguez

### LOS ANDES (CHILE)

**Chair** Simon Tarbutt **Treasurer** Fernando Pau  
**Administrator & Webmaster** Paula Quijada **Directors** Carlos Hernández; Martin Laroche; Pedro Lasota; Gonzalo Muñoz; John Selters; Armando Valenzuela

## MONTREAL

**Chair & Interim Treasurer** Jeffrey Cassoff, BBA **Vice-Chair** Danny Bernard, Toromont CAT **Secretary** Lise Chartrand **Directors** Steven Bowles, Investissement Quebec; René Dufour; Ferri Hassani, McGill University; Jeff Hussey, Osisko Metals; Frank Kruzich; Hani Mitri, McGill University; Martin Poirier, ArcelorMittal; Benoit-Michel Saumur, UQAM; Richard Simon, École Polytechnique; Ian Turner, Sitec; Mackenzie Watson

## NEW BRUNSWICK

**Chair** Derek Lawrence, Rulmeca Limited **Past Chair & Treasurer** Phillip Reeves **Vice Chair/Past Chair** Tom Healy **Secretary/Scholarships & Awards** Hannah Sharp **Directors-At-Large** Holly Stewart, Dept. Energy & Mines; Jon Oliver, Dillon Consulting

## NEWFOUNDLAND

**Chair/President** James Powell, Marathon Gold **Vice Chair** Matthew Stewart, Vale **Secretary** Len Mandville **Treasurer** Gary Snow **Past President** Paul McNeill, Anaconda Mining

## NORTH CENTRAL BC

**Chair** Klaus Ofner, West Fraser Electro-Mechanical Ltd. **Vice Chair** Jordan Easton, Lynum Industries **Treasurer** Katherine Ray, Molycop **Secretary** Scott Martin, Glencore Technology **Board Members** Francis Chachula, Quadra; Wade Gillard, Skeans; Lindsay Ollerich, Skeena Resources; Shauna Litke, SRK; Steve Prystie, Polycorp; Brad Liesch, Dubois Chemicals; Kevin Niebergall, CGIS

## NORTHERN GATEWAY

**Chair** Richard Cook, Knight Piésold Ltd. **Vice Chair** Gerry Black **Treasurer** Robert Gibson **Facilities** Amy Shaba, Boart Longyear **Secretary** Erin Richmond, The City of North Bay **Membership** Mark Wagner, Metso Outotec **Social Programs** Bernie Robertson, Gougeon Insurance Brokers

## OIL SANDS

**Chair** Mitchell Carter, Suncor Energy Inc. **Vice Chair** David Wallace, Brandt Tractor **Secretary** Rotating **Treasurer** DJ Gramt, Two Crossings **Technical Program Director** Mitchell Carter, Suncor Energy Inc. **Social Director** Jessica Lipton, Syncrude Canada Ltd. **Publicity Director** Megan Bartel, GIW **Communications Director** Jessica Lipton, Syncrude Canada Ltd. **Membership Director** Joshua Ajeigbe, KMC Mining

## OTTAWA

**Chair** Maz Sauber, CanmetMINING

## PORCUPINE

**Co-Chairs** Keiran Swanton, Glencore; Andrew Smith, Dumas **Treasurer** James Comeau, Glencore **Directors** Ken Stewart, Norcat; Mike Sabourin, Nalco; Steve Bergounhon, Lincoln Strategic; Wayne Mohns, Dumas; Rick Harper, Brandt; Maarten van Koppen, MacLean Engineering

## QUEBEC

**President** Renald Gauthier FCNQ Construction Inc. **Vice-President** Patrice Roy Ministère de l'Énergie et des Ressources naturelles (MERN) **Secretary** VACANT **Treasurer** Donald Leroux COREM **Administrators** Frédéric Béland Sika Canada; Christian Dupuis Université Laval; Charles Gagnon Université Laval; Jean-Yves Labbé Ministère de l'Énergie et des Ressources naturelles (MERN); Michel Robinson Consultant

## RED LAKE

**Chair** Samuel Lewis, Trillium Gold Mines **Vice-Chair** James Macca, Evolution Mining **Treasurer** Jeff Frostiak, Evolution Mining **Directors** Monique Boucha, Evolution Mining; Logan Kucherhan, Evolution Mining; Paul Malegus, Evolution Mining; Tracy Melquist, Evolution Mining; Vittoria Ruchetto, Evolution Mining; Sylvia Smith, Evolution Mining

## ROUYN-NORANDA

**President** Guillaume Bigué, Agnico-Eagle **Vice-President** Manon Garant, Yamana Gold **Treasurer** Hubert Parent-Bouchard, Ressource Minière Radisson **Secretary** Marie-Pier Gauthier, MP Solution

## SAGUENAY

**President** Benoit Lafrance, CONSOREM-TRCM  
**Treasurer** André-Michel Maheux, A2GC **Secretary** Stéphanie Lavaure, CONSOREM **Administrator** Marie-Odile Chartier, IOS Services Géoscientifique; Sarah Dare, Professeure-UQAC; Blanche Richer, Étudiante UQAC; Anick Tremblay, Étudiante UQAC; Christian Tremblay, CERM-UQAC

## SASKATOON

**Chair** Louis-Pierre Gagnon, Orano Canada **Vice Chair** Dave Tamney, Clifton Engineering **Past Chair** Erin Moss Tressel, NewFields Canada **Treasurer** Graham Corsar, JNE Welding **Administrator** Keenan Collins, Hatch Ltd. **Membership Coordinator** Kelsey Hewitt, Okane Consulting **Website Coordinator** Dennis Lammers, Applied Industrial Technologies **Technical Night Coordinator** Gordon Loucks, Timken Canada LP **Scholarship Coordinator** Donna Beneteau, University of Saskatchewan **Sponsorship Coordinator** Dylan Shacker, Golder Associates **CIM National Liaison** Jason Belanger, Nutrien **University of Saskatchewan Liaison** Douglas Milne, University of Saskatchewan **SK Polytech Liaison** Cameron Sears, Saskatchewan Polytechnic **University of Saskatoon Student Chapter Liaison** Abby Gulka, University of Saskatchewan **Communications Coordinator** Kevin Ma, Nutrien **Golf Tournament Coordinator** Jae Isaac, Finning (Canada) **Special Events** Brad Hill, Applied Industrial Technologies **Members at Large** Vanessa Calayan, Nutrien; Chuck Edwards, Chuck Edwards Extractive Metallurgy Consulting; Richard A.J. May, Hatch Ltd.; A. Dave Mackintosh, ADM Consulting

## SASKATOON GEOSECTION

**Branch Chair** Andy Yackulic, Denison Mines Corp. **Program Chair** Chris Hamel, UEX Corp. **Secretary** Caitlin Glew, Cameco Corp. **Treasurer** Darcy Hirsekorn, Consultant **Past Chair** Shayne Rozdilsky, Consultant

## SOUTH CENTRAL BC

**Chair** Tyler Thompson, New Afton **Vice Chair** Shawn Manunla, PRI **Treasurer** Brad Price, Finning **Secretary** Katherine Ray, Molycop

## SUDBURY

**Chair** Colin Pegues, Vale **Vice Chair** Neil Milner, 4M Mining **Past-Chair** Christine Bertoli, Deswick **Treasurer** Dwayne Kroll, Retired **Education Chair** Jeff Lafortune, College Boreal **Donations** Karen Paquette, Vale **Membership** Trang Tran-Valage, Fortai **Sponsorship** Katie Bureau, Stantec **Student Rep** Milton Chateauvert, Laurentian **Facilities** Yijing Sun, Vale

## SUDBURY GEOSECTION

**Chair** Andy Yackulic, Denison Mines **Past Chairperson** Shayne Rozdilsky, Consultant **Program Chair** Chris Hamel, UEX Corp. **Treasurer** Darcy Hirsekorn, Consultant **Secretary** Caitlin Glew, Cameco Corporation

## THETFORD MINES

**Chair** Normand Boutet **Secretary/Treasurer** Jovette Marois, CEGEP de Thetford **DIRECTORS** Jean Tardif, Dundee, Technologies Durables Inc.; Eric Dubois, CEGEP de Thetford

## THUNDER BAY

**Chair** Greg Paju, District Geologist, Resident Geologist Program, Ontario Geological Survey, ENDM **Vice Chair** Peter Hollings, Chair, Department of Geology and Director, CESME, Lakehead University **Secretary/Treasurer** Dorothy Campbell, District Geologist, Resident Geologist Program, Ontario Geological Survey, ENDM **Directors** Peter Hinz, Retired Geologist; Chris Dougherty, President, Nordmin Engineering Ltd.; Michele Tuomi, Director/VP Exploration, Landore Resources Canada Inc.; Dwayne ZieBarth, Director - Industrial Central and Western Canada, WSP

## TORONTO

**Chair** Hrayr Agnerian, Agnerian Consulting **1st Vice Chair, Events and Sponsorship Committee Lead** Gordana Slepcev, Consultant **2nd Vice Chair, Education Committee Lead** Benjamin St-Onge, Quantec Geoscience Limited **Past Chair, Professional Development Committee** Kurt Breede, Metallica Consulting **Treasurer** Nick Miseros, MS Partners LLP **Secretary** Mary McKenzie, Odgers Berndtson **Membership Committee Leader** Natasha Faucher, Bantrel **Communications Committee Leader** Stephanie Skitch, Pleiades Exploration **Golf Tournament Coordinator** Van Vekris, Marks-Clerk **Directors at Large** Mohammed Ali, Kirkland Lake Gold; Rosemary Niechcial, Waypoint Infrastructure Inc.; Ivana Sabaj, Halyard Inc.; Andres Recalde, Peru-Canada Chamber of Mines; Valerie Maltais, Coeur Mining; Spencer Ramshaw, RSR Freelance; Natasha Faucher, Bantrel; Alex Veresezan, CSA Global; Neeti Sondi, Halyard Inc.; Alessio Scurci, University of Toronto; Sasan Maleki; Sabrina Dias, Soop Strategies; Patryk Puzkarek, CGIS; Carrie Boutilier, CGIS **Past Chairs** Kurt Breede, Newton Minerals; Curtis Clarke, Golder Associates; Wilson Mike, Retired; Marty Dregischan, Maple Energy & Mining; Alicia Ferdinand, Proven Reserves; Tom Rannelli, Major Drilling; Joe Hinzer, WGM

## VAL D'OR

**Chair** Annabelle Rioux, Eldorado Gold Lamaque **Vice Chair** Ariane Jutras, Mine Canadian Malartic **Treasurer** Lily-Katryne Comtois, Agnico Eagle **Past Chair** André Bernard, Mine Canadian Malartic **Administrators** Vincent Boileau, Groupe Minier C-Mac Thyssen; Tania-Jane Dallaire, Sandvik Mining & Rock Technology; Marcel H. Jolicoeur, North American Lithium; Gérald Lefrançois, Corriveau J.L. & Associés Inc.; Dominic Mailhot, Abi-Quip; Samuel Morin, Agnico Eagle; Mary Carmen Vera, Cree mineral exploration board

## VANCOUVER

**Co-Chairs** Mary-Jane Piggott, Klohn Crippen Berger; Laurie Reemeyer, Resourceful Paths **Vice-Chair** Shervin Teymouri, Mineit Consulting Inc **Past Chair** Yvonne deBoer, Cementation **Academic Liaison** John Gravel, Bedrock-Service **Treasurer** Ron Gill, PwC **Sponsorship Committee** Andrew Mitchell, Retired; Tad Crowie, JDS Mining **Marketing** Mehmet Oz **Technical Committee** George Darling, Sandstorm Gold; Farzad Nader, Sedgman **Venue Coordinator** Neda Farmer, Mining Plus **Registrar** Neda Farmer, Mining Plus **Student Lead UBC** Jaron Ivanisko, Student **Student Lead BCIT** Fabricio Barrionuevo, Student **Director at Large/Senior Advisor** Tom Broddy, Retired

THANK YOU TO OUR DEDICATED  
**CIM VOLUNTEERS!**

# FINANCIALS

	End of December 2021 Unaudited - (\$000)	
	2021 \$	2020 \$
<b>Statement of Revenues and Expenses</b>		
<b>OPERATIONS</b>		
<b>Revenue</b>		
Annual Conference		
Conference revenues	\$644	\$-
Conference expenses	\$(563)	\$(71)
<b>Net Annual Conference results</b>	<b>\$81</b>	<b>\$(71)</b>
Exhibition - Trade Show		
Exhibition revenues	\$338	\$34
Exhibition expenses	\$(18)	\$(92)
<b>Net Exhibition - trade Show results</b>	<b>\$320</b>	<b>\$(58)</b>
<b>Net Other Meetings Revenues</b>	<b>\$40</b>	<b>\$50</b>
<b>Net Events contribution</b>	<b>\$441</b>	<b>\$(79)</b>
Advertising		
Advertising Revenues	\$672	\$726
Sales commissions and expenses	\$(171)	\$(189)
<b>Net advertising contribution</b>	<b>\$501</b>	<b>\$537</b>
Membership		
Individual revenues	\$517	\$564
Corporate revenues	\$179	\$171
<b>Net Membership contribution</b>	<b>\$697</b>	<b>\$735</b>
Other Revenues		
Subscription sales	\$41	\$-
Canada Wage Subsidy	\$453	\$562
Canada Rent Subsidy	\$96	
Heritage Canada Publishing Grant	\$131	\$116
Patron Sponsorships	\$1,611	\$-
Program / Digital Events / CIM Academy	\$37	\$114
Miscellaneous Income	\$121	\$216
<b>Net Other Revenues Contribution</b>	<b>\$2,491</b>	<b>\$1,008</b>
<b>Total Revenues from Operations</b>	<b>\$4,129</b>	<b>\$2,202</b>
<b>Expenses</b>		
Administration	\$282	\$344
I.T.	\$193	\$212
Professional fees	\$226	\$56
Promotion	\$27	\$14
Publications	\$381	\$451
Communications and Marketing	\$81	\$25
Membership	\$71	\$90
Program / Digital Events / CIM Academy	\$57	\$115
Salaries	\$2,243	\$2,380
Training and Professional Development	\$17	
International Project	\$12	\$16
Council	\$0	\$11
Travel	\$6	\$24
<b>Total Operations Expenses</b>	<b>\$3,581</b>	<b>\$3,744</b>
<b>Net Results from Operations</b>	<b>\$548</b>	<b>\$(1,543)</b>



End of December 2021  
Unaudited - (\$000)

## Balance Sheet National Office Only

	2021 \$	2020 \$
<b>Assets</b>		
Current		
Cash	475	695
Short term investments	-	-
Accrued interest receivable	8	21
Accounts receivable	741	545
Sundry receivables	0	(39)
Prepaid expenses and sundry assets	307	179
	1,531	1,401
Investments	6,751	6,790
Capital assets	120	113
<b>Total</b>	<b>8,401</b>	<b>8,304</b>
<b>Liabilities</b>		
Accounts payable	892	785
Accounts payable branches and societies	4,087	4,608
Accrued expenses	436	368
Membership dues received in advance	317	316
Books and Volumes	(36)	(21)
Deferred revenue - Trade Show and Sponsorships	2,531	2,597
	8,227	8,653
<b>Accumulated funds</b>		
Internally restricted funds	-	-
Operating reserve fund	-	-
Unrestricted fund	175	(349)
	175	(349)
<b>Total</b>	<b>8,401</b>	<b>8,304</b>



## RENAISSANCE

The past couple of years have been personally traumatic for so many people, with lost jobs, lost loved ones and challenging circumstances. CIM was not immune to Covid19, with our 2020 Vancouver convention cancelled and an uncertain financial future resulting. Branches and Societies moved to online events to conduct important work and maintain connections. Thank you, Samantha Espley and Pierre Julien, for guiding CIM through this period, working with Angela Hamlyn, her strong CIM National team, and the Societies, Branches and Committees of CIM who collectively ensured that CIM not only survived but is thriving and evolving as a result of the efforts of many. A special thank you also to our Corporate Patrons and many key Sponsors.

Spring 2022 brings the promise of the industry getting together in Vancouver to learn, exchange ideas, innovate with others, welcome newcomers, and celebrate excellence IN PERSON. I've never been so excited to attend a national convention and look forward to seeing many of you in person, beyond my Zoom screen!

As someone who has spent decades in mining (wait, that makes me sound old), I can certainly attest to the fact that the industry is not always as adept with change as it might be. But we no longer have the luxury of embracing change at a snail's pace. Social, technological, environmental and financial forces are exerting increasing pressure on us. How will the industry maintain profitability, support innovation and respect Indigenous and community needs and rights?

The answer lies in the collaborative framework that is CIM. Working together, we can effect incredible advancements. The world is relying on us as explorers, developers, miners, processors, and reclaimers to collaborate with each other and newcomers to extract and recycle the critical minerals and metals required for energy transition while aggressively addressing our own carbon footprints.

As CIM advances towards 2023 and our 125th Anniversary, it is more relevant than ever!

**Anne Marie Toutant**  
Incoming CIM President

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