

OAA 2016
OCT 25 + 26 TORONTO

Ontario Association
for Impact Assessment

Annual Conference Program

OAA 2016
OCT 25 + 26 TORONTO

www.oaia.on.ca
www.oaiaconference.com

**ENVIRONMENTAL ASSESSMENT:
TIME TO HIT THE RESET BUTTON**

October 25th & 26th 2016

Program prepared by Blue Moth Creative Inc.

BLUE MOTH CREATIVE
www.bluemoth.com



Thank You to Our Sponsors



The Ontario Association for Impact Assessment is a forum for advanced innovation and communication of best practice in impact assessment through the exchange of ideas and experiences among its members and with other organizations with compatible interests. The OIA promotes development of local and global capacity for the application of EIA in which sound science and full public participation provide a foundation for equitable and sustainable development.

2016 Board of Directors

Ariane Heisey, MNDM, President
Stephen Hazell, Nature Canada, Past-President
Caroline Burgess, BurgessPlan, Treasurer
Katie Bright, Metrolinx, Secretary
Jillian Bieser, University of Toronto, Communications
Adam Chamberlain, BLG, Director
Anjala Puvananathan, CEAA, Director
Ben Bradshaw, University of Guelph, Director
Chuck Birchall, Willms & Shier, Director
Simon Miles, Consultant, Director

2016 Conference Planning Committee

Ariane Heisey, MNDM, Conference Chair
Caroline Burgess, BurgessPlan, Conference Co-Chair
Katie Bright, Metrolinx
Anjala Puvananathan, CEAA
Jillian Bieser, University of Toronto
Simon Miles, Consultant
Cheryl Chetkiewicz, WCS
Anne-Laure Bouvier, MTO
Peter Brown, MOECC
Peter Croal, Consultant
Charles Birchall, Willms & Shier
Stephen Hazell, Nature Canada

DAY TWO: Lunch Speakers - Incorporating Indigenous Issues in Decision Statements (CEAA 2012): An Examination through Case Studies

Anjala Puvananathan

Anjala Puvananathan has significant experience in the federal civil service working in predominantly policy and management positions in the areas of environment, health and public health. She is currently a director on the board of the Ontario Association for Impact Assessment, and the Director, Ontario Region at the Canadian Environmental Assessment Agency. Prior to joining the Canadian Environmental Assessment Agency, Anjala held positions including Director for the Public Health Agency of Canada's Ontario and Nunavut Region, and Director, Strategic Policy and Intergovernmental Affairs, at Health Canada, Ontario Region. At Environment and Climate Change Canada, Anjala held several positions, including Senior Negotiator of the 2002 Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem.

Tracy Wright

Tracy Wright is an environmental sustainability specialist with experience in government, non-profit, and private sectors. Tracy is currently the Senior Aboriginal Advisor for the Canadian Environmental Assessment Agency, Ontario Region. In this role, Tracy works to incorporate Indigenous Traditional Knowledge and consultations into federal environmental assessments, and provide policy and operational advice on Indigenous issues. Prior to this role, Tracy worked at the City of Vaughan on Vaughan's Climate Change Action Plan, Energy Plan and Community Garden Policy. Previously Tracy worked with Environmental Defence, UNICEF Canada, the UN Environment Programme (in Nairobi, Kenya), and the Cambridge Conservation Initiative (in Cambridge, UK). Tracy has a MPhil in Conservation Leadership from the University of Cambridge and a BA in Political Science from Dalhousie University.





SESSION 10: Innovative Ways of Reaching EA's Intended Objectives and Outcomes

Kevin Hanna

Kevin Hanna is an alumnus of the University of British Columbia, and the University of Toronto — where he obtained his PhD. He is a faculty member at UBC where he leads the new UBC Centre for Environmental Assessment Research. Dr. Hanna's research centres broadly on cumulative effects assessment, policy and programme evaluation, environmental assessment best practices, and the role of Aboriginal governments and communities in resource and environmental management.

Greg Munford

Greg brings over 12 years' global environment sector experience to bear in delivering effective solutions for public and private sector clients' challenges. Greg's cross-disciplinary expertise includes the design and coordination of environmental and social impact assessments in accordance with a range of protocols including the Ontario EA Act, IFC Sustainability Performance Standards and EU directives. This includes stakeholder consultation, net environmental effects analysis, risk assessment and devising adaptive environmental management and monitoring programs. Greg is a member of GHD's Impact Assessment Service Line, coordinator of the Climate Change Impact and Assessment group and a member of the Institute of Environmental Management and Assessment (IEMA.net).

Cole Atlin

Cole Atlin is a PhD Candidate in the School of Environment, Resources and Sustainability at the University of Waterloo, working under the supervision of Dr. Robert Gibson. Her research focuses upon the need to integrate sustainability principles and conflict management processes into environmental assessment, particularly in complex regional extractive cases like the Ring of Fire. She has a Masters in Global Governance from the Balsillie School of International Affairs and a Masters in the Study of Law from the University of Western Ontario. Her work is supported by the WCS Weston Fellowship and the Social Sciences and Humanities Research Council.

ENVIRONMENTAL ASSESSMENT: TIME TO HIT THE RESET BUTTON



What has changed in the last 40 years that influences EA objectives and outcomes?

What was EA intended to do and is it still meeting that intent?

What could be done when planning processes and EA overlap?

Environmental Assessment (EA) practitioners in Ontario today face a labyrinth of EA processes all slightly different with ever increasing requirements for more and more information and more and more consultation. The result is often a massive EA document filled with complex technical information that is both difficult to understand and time consuming to review. Is this complex and unfriendly process actually leading to better outcomes?

Decision-makers in Ontario (and elsewhere) doubtless are hearing this message and are now planning reviews of the respective EA regimes beginning this year with the federal government. These government-led initiatives are providing a golden opportunity for EA practitioners to reflect on what EA has become, and what we, as EA practitioners, want it to look like moving forward.



“ OIAA 2016 is a conference for industry professionals interested in environmental assessment. For two days in October, a community of smart, talented people come together to share ideas, tell stories and decide whether it's time to hit the reset button. ”

OAIA 2016 Conference Speaker Biographies

SESSION 1: Introduction and Open Plenary Session

Ariane Heisey, MES, MCIP, RPP

Ariane Heisey is a professional environmental planner whose focus has been on environmental assessment for the last 27 years. She is currently the Team Lead for Environmental Assessment and Land Use Planning at the Ring of Fire Secretariat at the Ontario Ministry of Northern Development and Mines. Ariane has been President of the Ontario Association for Impact Assessment for the last two years and OAIA Conference Chair for the last four years. Ariane is a Registered Professional Planner, a full member of the Ontario Professional Planners Institute and the Canadian Institute of Planners and the Prospectors and Developers Association of Canada. She holds a Masters in Planning from York University.

SESSION 2: EA Practitioner Perspectives on the Promise and Custom of EA Law and Practice

Bram Noble

Bram Noble is a professor at the University of Saskatchewan. His research focuses on environmental assessment; in particular, strategic environmental assessment and regional frameworks and applications for cumulative effects assessment. Bram has been engaged in several strategic and regional EA initiatives, including the Athabasca Oil Sands Regional Assessment, the Elk Valley Cumulative Effects Management Framework and Regional Assessments in the Beaufort Sea and in Saskatchewan.

Mark Winfield, PhD

Mark Winfield is a Professor of Environmental Studies at York University. He is also Co-Chair of the Faculty's Sustainable Energy Initiative, and Coordinator of the Joint Master of Environmental Studies/Juris Doctor program offered in conjunction with Osgoode Hall Law School. Prior to joining York University Professor Winfield was Program Director with the Pembina Institute and prior to that Director of Research with the Canadian Institute for Environmental Law and Policy. He has published articles, book chapters and reports on a wide range of environmental and energy law and policy topics. His report *A New Era of Environmental Governance in Canada: Better Decisions Regarding Infrastructure and Resource Development Projects* was published earlier this year by the George Cedric Metcalf Foundation.

Jeff Barnes

Jeff Barnes recently retired from Stantec Consulting Ltd. where he was Vice President Environmental Services after a 37-year career in Environmental Assessment (EA) and related disciplines. He has managed, and participated in, hundreds of EAs, both in Canada and internationally. He has published extensively on EA methods, cumulative effects, effects monitoring, scoping and regulatory processes. Mr. Barnes has extensive experience with the Canadian Environmental Assessment Act, 2012 and its antecedents, and provincial and energy board environmental assessment processes. He has appeared as a witness before both House of Commons and Senate Committees regarding EA legislative reform and is currently a member of the Multi-Interest Advisory Committee to the Expert Panel reviewing federal EA processes.

Kyle Hunt

Kyle is a senior scientist and project manager in the impact assessment and permitting group at AECOM with over 13 years of environmental assessment and permitting experience. He has managed numerous high profile and controversial projects including transmission, pipeline, power generation and renewable energy developments. His experience spans the complete project life cycle including routing and siting studies, environmental assessment and permitting approvals, cumulative effects assessment, environmental management, construction monitoring and reclamation. Kyle has played a key role in developing unique regulatory frameworks where a typical EA was not required.

SESSION 9: Creating the Next Generation of EA Law & Practice: Challenges & Opportunities for Canada & Ontario

Robert Gibson, PhD

Robert B. Gibson is a professor in the School of Environment, Resources and Sustainability at the University of Waterloo, specializing in environmental policy issues and broader sustainability imperatives. He has been involved with environmental assessment law, policy and process issues since the mid-1970s and now focuses mostly on integrating sustainability considerations in a diversity of applications including environmental assessments at the project and strategic levels.

Anna Johnston, LLB

Anna Johnston is a staff counsel at West Coast Environmental Law, where she develops and advances law reform proposals and practical solutions related to environmental assessment law and federal environmental law rollbacks. She has represented community and Indigenous groups on environmental assessments of major energy projects and has organized and participated in EA law reform initiatives at the BC and federal level.

Jason MacLean LLB/BCL, PhD Candidate

Jason MacLean is an assistant professor at the Bora Laskin Faculty of Law at Lakehead University specializing in environmental law and corporate accountability. His environmental law research focuses primarily on the importance of broad civil society participation in climate change law and policymaking, including environmental assessment.

Cheryl Chetkiewicz, PhD

Cheryl Chetkiewicz is an Associate Conservation Scientist with Wildlife Conservation Society Canada leading field and applied research in Ontario's Far North. Her research focuses on regional-scale issues in the Far North, specifically wildlife (e.g., caribou, wolverine, fresh water fish) research and monitoring, assessing the cumulative impacts of land use and climate change on wildlife, and promoting the need for regional environmental and strategic assessments, especially in the Ring of Fire.

Peter Siebenmorgen

Mr. Siebenmorgen works collaboratively with the EFN Chief and Council and membership to assess the range of challenges and opportunities presented by various resource development proposals within EFN's traditional territory. In his position, he assists in the strategic planning and project management for community economic development, capacity building, and governance supports, as well as the development of community-based exercises and research to establish and implement local visions for the future. In particular, he is engaged in community based planning for mining and infrastructure projects in the 'Ring of Fire' region and developing approaches and strategies for managing complex relationships with industry and Government Ministries.

SESSION 8: Effective Participation in EA

Julie Reid Forget

Julie Reid Forget is vice-president at Transfer Environment & Society, a leading edge firm in public participation and environment communication. Ms. Reid Forget holds a bachelor in engineering, honours in international development studies and a master in economics. Julie has more than 15 years of experience in social integration of industrial and infrastructure projects from early scoping to closure. She is specialized in adapting public engagement processes to various regulatory and cultural contexts in Quebec, Canada and abroad. This often includes responsible land acquisition, participatory environment and social impact assessment, responsible local development planning and participatory nuisances management.

Anneliese Grieve

As the Principal of Anneliese Grieve Strategic Environmental Planning Solutions, Anneliese solves client problems with a set of skills and experiences informed by over 27 years of experience working in the environmental industry and a profound understanding of how to achieve environmental approvals. Anneliese is a recognized expert in the application of EA for the approval of complex and controversial projects and has specialized expertise in social impact assessment and stakeholder engagement. Recent work has involved creating regulatory strategies that use non-traditional approaches to environmental planning to meet the needs of the project, the affected communities, and the proponent while also meeting all legal and regulatory requirements. Anneliese is a trained facilitator with expertise in bringing diverse stakeholder groups together to find common ground and shared values in order to identify a path forward.

Julia Cushing

Ms. Cushing has over 9 years of experience conducting environmental assessments (EA) for projects in various industries. She possesses a thorough understanding of the Ontario EA Act, the Municipal Class EA process and the Ontario Renewable Energy Approval process. Ms. Cushing's contribution to these and other projects has involved leading discipline experts to conduct effects assessments; assessing alternatives; and preparing EA reports to fulfill provincial and/or federal regulations. She has extensive experience undertaking stakeholder consultation programs; including developing strategies for incorporating stakeholder input into the EA framework.



Toronto and Region Conservation (TRCA) works with its partners to ensure The Living City® is built on a natural foundation of healthy rivers and shorelines, greenspace and biodiversity, and sustainable communities.

We are proud sponsors of OAIA 2016



www.trca.ca

SESSION 3: Integrating Climate Change into EA

Sean Capstick

Sean Capstick is a Principal in Golder's Greater Toronto Area office with 25 years of environmental consulting and government experience. Sean is directing a number of atmospheric and climate change studies on public/private infrastructure, has extensive experience in the areas of Air Quality, GHG inventories and Climate Change and has presented on these topics widely. Sean leads Golder Associates' "Climate Change Technical Community", an internal knowledge sharing initiative to promote the use of the latest climate change science and develop Best Practices to consider both the potential effects of a project on climate change and the effects of climate change on a project.

Laura Zizzo

Ms. Zizzo, Founder and CEO of Zizzo Strategy Inc., started her legal career with a prominent Bay Street law firm focusing on Environmental and Energy Law before founding the first law firm in Canada focused on climate change in 2009. She has worked for electricity sector consumers and producers on related policy and regulatory developments including the renewed regulatory framework for electricity in Ontario and the development of market mechanisms as well as the financial implications and stakeholder relations to address climate change. She has experience advising and helping to develop cap and trade systems internationally and has extensive knowledge and experience in the creation and use of environmental attributes in the energy sector. She is a frequent writer and speaker on the move to the low-carbon economy and is a leading voice on the legal imperative to adapt to climate change.

Sarah Robicheau

Sarah is on the ECO's environmental protection report team, focusing on wide variety of issues, including food and agriculture policy, environmental matters affecting Aboriginal communities, species at risk and biodiversity protection, and environmental law compliance and enforcement. Prior to joining the ECO, she worked as an environmental lawyer at a leading national law firm. Sarah is a graduate of Osgoode Hall Law School and also holds a Masters in Environmental Studies from York University, where her research focused on the role civil society organizations play in environmental policy and program development.

Paul Norris

Paul Norris is the President of the Ontario Waterpower Association (OWA) – a non-government organization established in May 2001 to represent the collective interests of the province's waterpower industry. Under Paul's leadership the OWA has grown to include over one hundred and fifty (150) members with a shared commitment to the advancement of environmentally sustainable economic development and resource management. Waterpower – Ontario's First Choice – is expanding and remains the province's primary source of renewable energy.

Frank J. E. Zechner

Frank Zechner is a sole legal practitioner in Toronto and was called to the Ontario Bar in 1983. Frank was in-house counsel for several major corporations through to 1999 when he established his own law practice focusing on environmental and construction law as well as related commercial issues. Frank has authored several research reports for the Residential and Civil Construction Alliance of Ontario.



INFORMED, COLLABORATIVE, AND INNOVATIVE ENVIRONMENTAL ASSESSMENT

WSP has played a role in some of the most challenging infrastructure projects in Canada. We know that successful projects depend on a strong planning process.

By engaging stakeholders and proponents in a collaborative and informed process, our approach to environmental assessment achieves innovative and practical planning decisions.

WATERLOO ION LRT
Region of Waterloo, Ontario

ENGINEERING A WORLD OF POSSIBILITIES

   wsgroup.ca | worldofpossibilities.ca



Gillian McLeod

Gillian has a Master's Degree in Energy Conservation and Land Use Planning. She is a Sr. Environmental Advisor with Ontario Power Generation and has over 30 years' experience in the area of environmental management. In the last 15 years has dedicated her time to undertaking environmental assessments for redevelopments and greenfield electricity generation projects for thermal, solar and hydroelectric facilities. Examples of projects for which she has successfully completed EAs include Portland Energy Center, Hound Chute, Wawa, Sandy Falls, Lower Sturgeon, Mattagami Lake Dam, New Post Creek and Ranney Falls; six of which are either constructed or in construction. One of the reasons for this success is the planning and implementation of effective engagement with aboriginal, public and agencies.

Mary Boyden

Mary Boyden has spent her adult life in Northern Ontario rediscovering and nurturing her Anishinaabe heritage after spending her childhood as part of a large and boisterous family in an urbane neighbourhood of Toronto. Incongruity has been a theme throughout much of Mary's life with a career spanning mining, adult education and social innovation, often in the midst of social change. After 30 years of building capacity and encouraging cross-sector and cross-cultural relationships within Treaty 9 territory, Mary is critical of any attempt to limit opportunities for people to share the rewards of realizing common goals. As the newly named Managing Director for Eighth Fire Solutions Inc, Mary's role is to continue to groom the trail to respectful ways for Science and Indigenous Knowledges to build relationships within land use planning and resource development. Following the direction of an unprecedented group of Knowledge Keepers from throughout Canada who have become known as the AMAK Elders Circle, Eighth Fire Solutions is working towards demonstrating the power of Traditional Ecological Knowledge to respond to the critical issues we face today and for the next generations.

Martin Millen

Martin Millen is a member of Matachewan First Nation, a community at the top of the Arctic Watershed in Northern Ontario. He has been privileged to spend the last 24 years learning the stories, songs, ceremonies and truths of the Anishinaabe Peoples from the Elders and Wisdom Keepers who carry the original knowledges of Turtle Island. Martin worked for his community as the Research Coordinator with respect to forest management planning, giving him a solid base in the field of land use planning within the Boreal Forest. Today, one of Martin's roles is to continue supporting the healing of the people who depend on the medicines and waters of the land which is the foundation of original Indigenous knowledge. Through Aktamowin Aki Services, Martin has built a unique relationship between a major mining company and an unprecedented group of Elders and Knowledge Keepers from across Canada who have become known as the AMAK Elders Circle. The foundational work of AMAK has been to build a model for sharing the responsibility for land use planning and management which is based on, but not limited to, Traditional Ecological Knowledge (TEK). Moving into the 21st Century, innovation and collaboration will require physical actions by all cultures. The AMAK model is one of the many that are needed in these changing times. Martin is maintaining the vision required for this work, on behalf of the AMAK Elders and all those who are taking their responsibility for the future generations.

TIME	SESSION	SPEAKERS
12:30 – 1:45 pm	Lunch Incorporating Indigenous Issues in Decision Statements (CEAA 2012): An Examination Through Case Studies	Anjala Puvananathan, CEAA Tracy Wright, CEAA
1:45 – 3:00 pm	<p>Session 9 – Creating the Next Generation of EA Law and Practice: Challenges and Opportunities for Canada and Ontario Canada has been practicing environmental assessment (EA) for over 40 years and its first generation environmental assessment regimes have made important contributions including bringing greater attention to environmental considerations in project development, opening up decision making to public scrutiny, and forcing an examination of prevailing priorities and practices. But environmental assessment laws and practices in Canada have not really achieved the transformation envisioned in proponent and decision-maker culture that integrates attention to environmental concerns.</p> <p>Next generation EA is an update of the original intentions of EA that incorporates new understandings and expectations – especially about complex socio-ecological systems, cumulative effects, imperatives for a transition towards sustainability, and means of facilitating meaningful public engagement. The session will outline the main components and their interactions and considers implications for EA law and policy reform in Canada and Ontario drawing on a 2016 EA Reform Summit held in May 2016 and Canada's Constitutional and international obligations to Indigenous peoples.</p>	<p><i>Moderator:</i> Charles Birchall</p> <p><i>Speakers</i></p> <ul style="list-style-type: none"> • Robert Gibson, University of Waterloo • Anna Johnston, West Coast Environmental Law • Jason MacLean, Lakehead University • Cheryl Chetkiewicz, Wildlife Conservation Society Canada
3:00 – 3:15 pm	Coffee Break	
3:15 – 4:45 pm	<p>Session 10 – Innovative Ways of Reaching EA's Intended Objectives and Outcomes This session will showcase innovative ways of reaching EAs intended objectives and outcomes.</p> <p>The first presentation will focus on the BC government's recently introduced cumulative effects framework (CEF) which helps guide resource development decision-making. The framework is implemented through the BC Ministry of Forests, Lands and Natural Resource Operations, but will have the capacity to support the province's EA system. This presentation will provide an overview of BC's innovative CEF approach, conflict issues, and the implementation challenges it faces.</p> <p>The second presentation will look at how selected governance institutions from around the world have addressed the identification, evaluation and integration of ecosystem services into their EA protocols and will consider the scope of bringing best practices to bear for a revamped Ontario EA Act.</p> <p>The final presentation of the session will revisit the Ring of Fire and will explore how best practice tools – strategic level assessment and the contribution to sustainability test – could be applied jointly to the Ring of Fire to improve outcomes.</p>	<p><i>Moderator:</i> Peter Croal</p> <ul style="list-style-type: none"> • Kevin Hanna, University of British Columbia • Greg Munford, GHD Ltd. • Cole Atlin, University of Waterloo
4:45 – 5:00 pm	Conference Wrap-Up	• Incoming President

SESSION 5: Public Engagement in EA: What's the Story

Anastasia Lintner

A passionate public interest advocate, Dr. Lintner is Principal of Lintner Law. Prior to moving to private practice, she was employed as a staff lawyer and economist with Ecojustice Canada for more than a decade. She has taught and researched at numerous post-secondary institutions, including the University of Guelph, Wilfrid Laurier University, Memorial University of Newfoundland and Labrador, Balsillie School of International Affairs, Osgoode Hall Law School, and Queen's University. Dr. Lintner specializes in environmental assessment, conservation and water law, and in Ontario's Environmental Bill of Rights.

Get Our Environmental Law Specialists on Your Team!

Our team of environmental lawyers includes 6 Environmental Law Specialists
Certified by the Law Society of Upper Canada



Marc McAree M.E.S., LL.B.
Certified as a Specialist in Environmental Law by the Law Society of Upper Canada
Called to the bars of British Columbia and Ontario
416 862 4820 | mmcaree@willmsshier.com



Julie Abouchar B.Sc., LL.M.
Certified as a Specialist in Environmental Law by the Law Society of Upper Canada
Called to the bars of New Brunswick, Northwest Territories, Nunavut and Ontario
416 862 4836 | jlabouchar@willmsshier.com



Charles J. Birchall LL.B., LL.M.
Certified as a Specialist in Environmental Law by the Law Society of Upper Canada
Called to the bars of Northwest Territories, Nunavut and Ontario
613 761 2424 | cbirchall@willmsshier.com

Willms & Shier Environmental Lawyers LLP is named "Law Firm of the Year" for
Environmental Law in The Best Lawyers in Canada®, 2017 Edition.
Proud Sponsor of the OIAA Conference

www.willmsshier.com



BEHIND EVERY SUCCESSFUL PROJECT IS A DEDICATED LEGAL PARTNER.

With over 750 legal professionals and 70 areas of practice, Borden Ladner Gervais LLP (BLG) brings a depth of resources and offers a thorough understanding of your industry and project needs to help create a true partnership. Our experience, flexibility and commitment lead to results you can be confident will help you reach your short and long-term goals.

To learn how we can help you and your project, contact
Adam Chamberlain | 416.367.6172 | achamberlain@blg.com

Calgary | Montreal | Ottawa
Toronto | Vancouver | Waterloo Region
Lyonville | Paris | St. John's
Bordeaux | London | New York
New Orleans | United Kingdom
blg.com



Laura Bowman

Laura Bowman is an environmental lawyer and program manager at Ecojustice, Canada's only national environmental law charity. She has practiced for nearly a decade in the environmental non-profit sector in various locations across Canada and participated in numerous EA processes at the federal and provincial levels. She advises non-profits and community organizations on how to effectively participate in EA processes.

Loren Polonsky

Loren is a senior planner with 18 years of experience in managing public engagement programs for infrastructure studies in the U.S and Canada. Loren has developed, managed and facilitated public meetings, interactive workshops, roundtable discussions, focus groups and public opinion surveys for major planning assignments. His facilitation has benefitted a range of projects including transportation, transit, water and wastewater. Loren's interactive and social media approaches are award winning. As demonstrated in studies throughout Ontario, Loren's ability to comprehend and clearly convey all technical aspects of infrastructure projects is a distinct attribute that is appreciated by clients, colleagues and residents alike.

Phil Shantz

Phil Shantz is the Environmental Value Proposition Leader for Environmental Planning for Arcadis Canada Inc. and was previously manager of the environmental assessment group at SENES Consultants. Phil has spent most of his 25 year career working in Northern Ontario, much of it with Aboriginal Peoples. He has been project manager of several environmental assessments in Northern Ontario including the Lower Mattagami and New Post Creek Hydroelectric Projects. He has also recently been the Lead Technical Advisor to the Manitoba Clean Environment Commission for Hearings into the Lake Winnipeg Regulation, the Manitoba-Minnesota Transmission Project and a historic study of cumulative effects of hydroelectric development in Northern Manitoba.

Wayne Ross

Wayne Ross is the President of Coral Rapids Power, a company wholly owned by Taykwa Tagamou First Nation of which he is a member. Coral Rapids is a partner with Ontario Power Generation on the 25MW New Post Creek Hydroelectric Project. Wayne has been involved in all aspects of the project's development including: approvals, financial, engineering, environment and community involvement. Wayne is also an engineering technician with extensive experience in Northeastern Ontario. Wayne, his extended family and ancestors occupied and used the lands around the proposed generating station.

Caroline Burgess

Caroline is an environmental planner with 22 years' experience in public and Aboriginal consultation, environmental assessment and regional planning. She provides consulting services primarily to Indigenous communities and organizations to foster positive relationships between Indigenous people, governments and industry. She gained many years of experience in managing the socio-cultural and consultation components for multiple resource development and infrastructure projects in across Canada. Through this experience, she gained insight on how Indigenous communities could be more empowered in environmental assessment and in strengthening their role in land and resource stewardship. Caroline is a Registered Professional Planner in Ontario and a full member of the Canadian Institute of Planners, the Ontario Association for Impact Assessment, the International Association for Public Participation (IAP2), and the Prospectors and Developers Association of Canada. She is the Treasurer and President-Elect for the Ontario Association for Impact Assessment. Over the past decade, Caroline has worked for (or with) many of the First Nation communities in Northeastern Ontario in environmental planning and assessment. She is currently managing a Community Impact Assessment with the Wahgoshig First Nation related to the Energy East Pipeline Project.



Together with our clients, we create lasting community benefit

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation.

Proud sponsor of the OIAA 2016 Conference
www.ghd.com

TIME	SESSION	SPEAKERS
10:30 – 10:45 am	Refreshments and Networking	
11:30 – 12:30 pm	Session 8 – Effective Participation in EA This session will provide insight into how effective participation in EA may work or how it can work. The first presentation will focus on the modernization of an old environmental law in Quebec. On June 8th, 2016, the Ministry of Sustainable Development, Environment and Climate Change (MDEELCC) and the Ministry of Energy and Natural Resources (MERN) proposed a new law that will alter the current law in the following areas: comprehensive and responsive view of sustainable development (climate change, 16 sustainability principles), efficient EA process in modulating levels of efforts in function of risks, transparency of information available to publics, predictability of assessment processes and roles between the Ministry and project initiators. MERN's goal is to "promote the harmonization of land uses and improve social acceptability in connection with the use and development of public land and energy and mineral resources". Based on this initiative, the presentation will consider lessons for Ontario EA. The second presentation will address: What happens if some developers are being asked to conduct EAs for projects despite their project not triggering a regulated EA process? In these instances, how should a developer conduct an EA when there is no formal regulatory procedure to guide the process? This presentation will draw upon case studies from two recent EA projects led by AECOM: the Billy Bishop Toronto City Airport Runway and Jets Environmental Assessment (BBTCA EA) and the Henvey Inlet Wind Energy Centre Environmental Assessment (HIWEC EA). Proposed by Ports Toronto, the BBTCA EA was designed to assess the impacts of extending the runway landmass and introducing jet aircraft at the airport located on Toronto Island. The Henvey Inlet Wind Energy Centre is a joint venture between Nigig Power Corporation (wholly owned by Henvey Inlet First Nation) and Pattern Energy where a unique EA Regime was developed to assess the impacts of constructing and operating a 120-turbine wind energy project on Henvey Inlet First Nation Reserve #2. Through developing their own EA processes, these unique projects had to determine the goals of the EA, a framework for an assessment process, measures of success and how to engage the local communities in shaping the planning and assessment process.	Moderator: Peter Brown Speakers • Julie Forget, Transfer Environment and Society • Anneliese Grieve, Anneliese Grieve Strategic Environmental Planning Solutions • Julia Cushing, AECOM • Kyle Hunt, AECOM

TIME	SESSION	SPEAKERS
8:00 – 9:00 am	OIAA Annual General Meeting with Breakfast - all welcome to participate Registration	
9:00 – 10:30 am	<p>Session 6 – Indigenous Involvement in EA: Finding A Better Way</p> <p>This session will describe a number of initiatives where Indigenous peoples have been actively involved in the EA process.</p> <p>The first presentation will describe how the Taykwia Tagamou Nation (TTN) has been involved in both the environmental assessment process and particularly how TTN established Coral Rapids Power to engage in the key aspects of the New Post Creek Hydroelectric Project.</p> <p>The second presentation will focus on the recent trend for Indigenous groups to prepare their own EAs based on their criteria for significance of adverse impacts on their traditional territories and their ability to exercise their Aboriginal or Treaty rights. A number of questions will be examined which will be considered in the context of a case study of a Community Impact Assessment prepared with a northern Ontario First Nation for the Energy East Pipeline Project.</p> <p>The third presentation will describe an innovative way to use Indigenous Knowledge in the remediation of gold mining tailings in northern Ontario. It will describe how Eighth Fire Solutions Inc. connects responsible, industry-leading organizations with leaders in Indigenous Knowledge from across Canada. It will also draw on a case study involving the Coniaurum and Pamur mine tailings management areas.</p>	<p>Moderator: Sandy Naim</p> <p>Speakers</p> <ul style="list-style-type: none"> • Phil Shantz, Arcadis • Wayne Ross, Coral Rapids Power • Gillian McLeod, OPG • Caroline Burgess, Burgess Environmental Planning • Katherine Card, Vista Strategy • George Sackenay, Elder Wahgoshig First Nation • Peter Croal, Peter Croal Consulting • Mary Boyden, Eighth Fire Solutions • Martin Millen, Eighth Fire Solutions
10:30 – 10:45 am	Refreshments and Networking	
10:45 – 11:30 pm	<p>Session 7 – Case Study – Eabametoong First Nations and Their Experiences with the Planning and EA Process</p> <p>This presentation will consider the experience of the Eabametoong First Nation (EFN) as it navigates proposed industrial development in its traditional territory. EFN is one of the nine members of the Matawa Tribal Council and is the largest community in the region. Its land is part of the 5000 km² ecologically significant, mineral rich region known as the Ring of Fire. This discussion will give background and insight into EFN's experience, and more generally, the First Nation experience with EA and larger planning concerns. This presentation will discuss both process concerns and also substantive issues with the EA process as faced by EFN. The discussion will provide direction for potential EA reforms that could improve the process for communities such as EFN.</p>	<p>Moderator: Cheryl Chetkiewicz</p> <p>Speakers</p> <ul style="list-style-type: none"> • Peter Siebenmorgen, Resource Stewardship Advisor • Community Representative

Katherine Card

Katherine is a Vista Strategy associate and a socio-economic practitioner with experience in social impact assessment, public consultation and report writing. Katherine has extensive pipeline experience, having worked as the environmental planning lead and socio-economic planning lead on numerous National Energy Board (NEB) regulated pipeline applications. She has prepared coordinated and written Environmental and Socio-economic Assessments and has assisted in the planning, coordination and execution of community engagement for NEB regulated pipeline applications. Most recently Katherine is working with Caroline Burgess on the Community Impact Assessment with the Wahgoshig First Nation related to the Energy East Pipeline Project. She has been part of the socio-economic team responsible for developing the socio-economic assessment, including the creation of a socio-economic management plan and socio-economic monitoring plan, for the NEB-regulated Trans Mountain Expansion Project. She has worked in various sectors including pipelines, oil and gas and flood management.

Peter Croal

Peter Croal has been involved with indigenous peoples and impact assessment for over 30 years in Canada as well as internationally. He managed the Environmental Integration Unit at the Canadian International Development Agency for 20 years. His career started off as an exploration geologist in the mining, groundwater and petroleum fields. Peter has developed a number of tools to assist with the use of traditional knowledge in the impact assessment and development fields.


MORRISON HERSHFIELD

Environmental Solutions

Creating Value, Minimizing Risk

Working to maximize your environmental opportunities while minimizing impacts to the natural, socio-economic, and cultural environments.

- Environmental Assessment
- Environmental Planning
- Environmental Mgmt. Systems
- Permitting & Approvals
- Natural Sciences
- Climate Change Mitigation & Adaptation
- Project Sustainability
- Geo-Environmental Services
- Waste Management



70 YEARS

PEOPLE • CULTURE • CAPABILITIES



www.morrisonhershfield.com/environmental

TIME	SESSION	SPEAKERS
8:00 – 9:00 am	Registration/Breakfast	
9:00 – 9:30 am	Welcome, Conference Logistics and Introductory Plenary Session This session will introduce the conference theme by discussing Minister Murray's challenge to OIAA on how to change the current EA process in Ontario leading to better social and economic outcomes. The results of the workshop held in May 2016 will also be discussed.	<ul style="list-style-type: none"> • Ariane Heisey, President, OIAA
9:30 – 10:45 am	Session 2 – EA Practitioner Perspectives On The Promise And Custom Of EA Law And Practice EA practitioners will answer, discuss, key questions related to the progress and ongoing challenges confronting EA in Canada. The audience will also be encouraged to engage and ask questions. Themes for the discussion include: - Timeliness; - Duplication; - Aboriginal EA best practices; - EA as a planning tool (has it evolved into something else?); - Capacity for participating in EA; and - Where is EA going in your jurisdiction (an update, what about climate change?).	Facilitator: Kevin Hanna Speakers • Bram Noble , University of Saskatchewan • Mark Winfield , York University • Jeff Barnes , Stantec (retired)
10:45 – 11:00 am	Refreshments and Networking	
11:00 – 12:15 pm	Session 3 – Integrating Climate Change Into EA with facilitated audience discussion As awareness of the potential impacts of future climate change grows, climate change planning must be clearly and successfully integrated into EA processes. Stakeholders are demanding that more climate change related information be provided and EA reviewers are increasingly requiring detailed documentation and discussion of how a changing climate may affect a project. Regulators have yet to provide detailed guidance on how this can be achieved. More guidance and best practices are needed for considering project-level greenhouse gases (GHGs) in context of national and sub-national GHG reduction targets, for considering risks associated with climate change and developing adaptation management plans and measures. Liabilities associated with climate change planning also need to be identified. There will be an interactive discussion on information needs/policy gaps for incorporating climate change assessments into the EA process. The session will conclude with a suggested path forward based on discussions surrounding the posed questions.	Moderator: Simon Miles Speakers • Sean Capstick , Golder Associates • Laura Zizzo , Zizzo Strategy Inc. • Sarah Robicheau , Office of the Environmental Commissioner of Ontario

TIME	SESSION	SPEAKERS
12:15 – 1:45 pm	Networking Lunch	
1:45 – 2:45 pm	Session 4 – Class Environmental Assessments Projects subject to Class EAs make up the majority of EAs in Ontario. This session will explore lessons learned through the implementation and application of the most recently approved Class EA in Ontario, the Ontario Waterpower Association's Class EA for Waterpower; and through one of the most used Class EAs, the Municipal Engineers Association Municipal Class EA.	Moderator: Mike Bricks Speakers • Paul Norris , Ontario Water Power Association • Frank Zechner , Lawyer
2:45 – 3:00 pm	Refreshments and Networking	
3:00 – 4:30 pm	Session 5 - Public Engagement In EA: What's The Story? Public engagement is the cornerstone of EA in Ontario. This session will examine how public participation in environmental assessment in Ontario has changed over the past 40 years relying on academic research and actual experiences in the EA process. Recommendations will be made about how Ontario's environmental assessment program can be improved to ensure meaningful public engagement. The second presentation will provide an overview of the status and use of EA in Ontario in the municipal wastewater sector and related public and indigenous participation issues. Using two municipal wastewater case studies the presentation will focus on the failure of EA to meaningfully engage the public in regulatory processes and to address big picture questions about cumulative effects and assimilative capacity. The presentation will address the question of "when and how should big picture environmental impact issues be decided, based on what information and what degree of public input?" The third presentation in this session will look at the meaning of the term "consultation" relative" to the Environmental Assessment Act in Ontario and how by using the term "consultation" it is restricting how far some groups are willing to engage the public in the planning process. Comparisons will be made to the United States experience.	Moderator: Katie Bright Speakers • Anastasia Lintner , Lintner Law • Laura Bowman , Ecojustice • Loren Polonsky , GM Blue Plan
4:30 – 4:45 pm	Day 1: Announcements and Introduction to Day 2	
5:00 - onwards	Network at the U of T Faculty Club Pub	