

Detailed Program and Schedule

15th Biennial Global Conference
International Association for the
Study of the Commons



May 25-29, 2015

Edmonton Alberta Canada
Shaw Conference Centre

THE UNIVERSITY OF ALBERTA'S FACULTIES OF AGRICULTURAL, LIFE & ENVIRONMENTAL SCIENCES AND NATIVE STUDIES ARE PROUD TO PRESENT



NATIVE STUDIES



iasc2015.org

Welcome Remarks

International Association for the Study of the Commons 15th Biennial Global Conference

Brenda Parlee, Chair and Prateep Nayak, Co-Chair

We aim to build on the past successes of IASC meetings by providing valuable networking opportunities for our very global and diverse membership of academics, communities, practitioners, NGOs, governments resource people and industry leaders. As in the past, we will continue to learn from one another about "commons" issues that matter across local, regional and global scales and share that knowledge with new audiences seeking critical discussion on many issues of social, economic and environmental change. By hosting the conference in Alberta, Canada the intent is to provide an opportunity for participants to demonstrate: academic excellence, commitment to sustainability and respect for the vision of founding IASC members such as the late Dr. Elinor Ostrom. Venues and services offered by the city of Edmonton and the University of Alberta will enable us to support participants in affordable accommodation, and hold the event in a single facility in the beautiful river valley. Exciting and provocative keynote speakers, field-trips to locations such as the Alberta oil sands, and social events during the May 25-29 week guarantee the 2015 conference will be one you won't want to miss!

International Association for the Study of the Commons Executive Council

Tine De Moor, President

On behalf of the executive council of the International Association for the Study of the Commons, I welcome you all to the 15th biennial conference of our organization! Over the past years the commons have received increasing attention among scholars, practitioners and activists, in search of alternative governance models for natural and many other types of resources in times of big societal challenges. Whereas for a long time commons seemed to have disappeared out of the collective memory, the concept is picked up again across continents, from rural to urban settings, and finds application in many different sectors, from resource management to infrastructure to energy to care. We are convinced that your contribution to this conference may generate new thoughts may in turn lead to new research, new practices, new policies. As the IASC we intend to connect you with others working on similar topics in the field of commons, and to give voice to your projects on commons, both among researchers, practitioners and policy makers. We would like to invite all delegates, including those who are not an IASC-members so far, to join the IASC-membership meeting on Tuesday evening (7 p.m., Hall A; followed by drinks), to learn more about our recent activities and future plans, and to contribute your ideas to the association's future. Please do also join the IASC Regional meetings during lunch on Tuesday, Wednesday and Friday. These are intended for people from or working within specific regions to discuss possibilities of further collaboration. The IASC is made by its members and for its members, your contribution is vital for the resilience of the organization!

Faculty of Agricultural, Life & Environmental Sciences

Stan Blade, Dean and Professor

It is my distinct pleasure to welcome you to Edmonton on behalf of the Faculty of Agricultural, Life & Environmental Sciences, which is celebrating its centennial this year! The 15th Biennial Global Conference for the International Association of the Study of the Commons is an opportunity for attendees to meet people from over 50 countries and forge lasting friendships and partnerships across the globe. Our Faculty has been working towards “providing solutions to global challenges” over the past 100 years in many areas that are of focus during the five-day conference including, poverty, food security, social-ecological resilience, effective governance, human rights, indigenous knowledge, sustainable natural resource development and climate change. The cultural celebrations at both the opening ceremonies and global celebrations banquet will be a unique experience for all, focusing on the diverse culture and community that Edmonton is known for. We are glad you could join us for this special centennial celebration, in partnership with the Faculty of Native Studies. Enjoy the conference!

Faculty of Native Studies

Brendan Hokowhitu, Dean and Professor

The Faculty of Native Studies is pleased to welcome all the delegates, attendees, presenters and guests to Edmonton, Alberta, Canada for the International Association for the Study of the Commons 15th Biennial Global Conference taking place from May 25-29, 2015. I would firstly like to acknowledge that this event is being held on Treaty territory and that the Province of Alberta has treaty relations with Indigenous Peoples from Treaty 6, 7 and 8. I would like to also acknowledge the Traditional Territory on which we are gathered, as a meeting place for peoples from around the world. I would like to specifically acknowledge and thank the diverse Indigenous peoples whose footsteps have marked this territory for centuries such as the Cree, Saulteaux, Blackfoot, Métis, and Nakoda Sioux. It is important, more generally, to recognize the will of First Nations, Métis and Inuit peoples of Canada to continue to share their cultures and traditions with global and multicultural audiences despite the violence of colonisation. All of the Faculty of Native Studies, the University of Alberta and the Host Committee welcome you to what will be a diverse, meaningful and rich conversation.

Treaty 8 First Nations of Alberta

Grand Chief Steve Courtoreille

Tansi! - Greetings to you all, Treaty 8 First Nations of Alberta is pleased and honoured to be co-hosting the 15th Biennial Conference of the International Association for the Study of the Commons (IASC) Conference with University of Alberta. The week will be about sharing knowledge, information and experiences about the social, cultural and economic challenges that result from our changing environment – lands, waters and air. This year’s conference theme is: The Commons Amidst Complexity and Change. It will be a forum to engage in dialogue and relationship building about the range of local and global challenges we have in common such as food security, water governance, climate change and sustainable resource development. We are also looking forward to sharing some of the specific challenges we face as Indigenous people within our traditional territories and lands that are encompassed by Treaty No. 8. The Treaty 8 First Nations of Alberta are extremely proud to be a part of this international conference and welcome the opportunity it provides to build relationships. --- Ekosi.

General Schedule

	Monday 25-May	Tuesday 26-May	Wednesday 27-May	Thursday 28-May	Friday 29-May
8:00		Coffee (Hall A)	Coffee (Hall A)		Coffee (Hall A)
8:30		Opening Remarks Keynote Address (Hall A)	Keynote Address (Hall A)		Keynote Address (Hall A)
9:00		Coffee (Hall A)	Coffee (Hall A)		Coffee (Hall A)
10:00					
10:30		Concurrent Session	Concurrent Session		Concurrent Session
11:00					
11:30				One Day Fieldtrips Depart next to Lister Hall Jubilee Aud.- 9:00 Return 14:00;	
12:00		Lunch Youth Science Fair (Hall A)	Lunch General Meetings		Lunch General Meetings
12:30	Pre Conference Workshops Meet at Lister Hall at 8:45				
13:00		Concurrent Session	Concurrent Session		Concurrent Session
13:30					
14:00		Coffee (Mtg. Level)	Coffee (Mtg. Level)		Coffee (Mtg. Level)
14:30		Concurrent Session	Plenary Session (Hall A)	Indigenous Talking Circle Sustainable Resource Development Van Vilet Centre	Concurrent Session
15:00					
15:30					
16:00					
16:30					
17:00		Dinner Break (Food Truck Options Main Level Shaw \$\$)	Dinner Break LRT Depart to CCIS (Food Truck Options at CCIS Bdg. \$\$)	Dinner Break (Food Truck Options Lister Hall. \$\$)	
17:15					
17:30		Keynote Address (Hall A)		Graduate Student Event AgFor Bdg. "The Pit"	
18:00					
18:30				Human Rights Event Lister Hall	Global Celebrations Banquet and Ostrom Awards Shaw Conference Centre (Hall A)
19:00	Buses Lister Hall - Depart 16:30 and Return 22:00	IASC General Meeting (Salon 12)	Water Sustainability Film Screenings Reception CCIS 1-440	Commons Film Screenings CCIS - 1-440	
19:30					
20:00					
22:00					

* All Concurrent Sessions on Shaw Meeting Level - Shaw Conference Centre

Opening Ceremony

Fort Edmonton Park

Dinner and Entertainment - Free for Registrants
7000 143rd Street, Edmonton

(1) Guests will travel by bus from Lister Conference Centre (University of Alberta) to Fort Edmonton Park where they will board the train on a two-phased dinner of locally themed foods. (2) At the old fort, guests will have the opportunity to enjoy some yummy appetizers. (3) From there, some guests can ride in a horse & wagon while others walk through the park to historic Blatchford Hangar where dinner will be served. (4) Formal words of welcome and a cultural performance will follow by local First Nation dancers and drummers and Metis Fiddling group with jigging. The night will close with a traditional Dene Drum Dance.

Please arrive at the Jubilee Auditorium (next to Lister Hall) between 16:15 and 15:00. Buses will begin departing at 16:30 to Fort Edmonton Park main gates and continue on a 20 minute schedule. Registrants who do not arrive at Lister Hall by this time may not be accommodated on buses but are welcome to find their own transportation to Fort Edmonton Park.

16:30	Buses begin to Depart Jubilee Auditorium (next to Lister Hall) 16:30, 16:45, 17:00
18:00	Dinner service begins (between 18:00-19:30)
19:30	Ceremonial Grand Entry
20:00	Opening Prayer
20:05	Opening Remarks by Local Dignitaries
20:45	First Nations Pow-wow Performances

Global Celebrations Banquet

Shaw Conference Centre

Dinner and Entertainment
Ticket Purchase Required

The banquet showcases Edmonton's young music, dancing and performing talents. We are celebrating our multicultural city and the diversity of nations represented in IASC 2015!

The award winning genius of Cree Hoop Dancer Dallas Arcand and the young Ukrainian dance ensemble, Volya, are among the performers for the evening. Enjoy a diversity of foods from the Shaw Conference Centre's world class menu and prepare to be amazed by the show. You may even want to bring your dancing shoes!

Doors Open at the Shaw Conference Centre Hall A at 17:30.
Ticket Purchase before May 25th - www.iasc2015.org

Keynote Speakers

May 26-29,2015



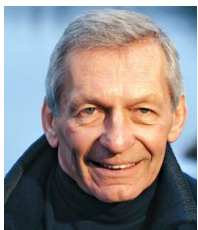
Heather Menzies

Righting Relations with the Land and the Global Economy: Lessons from our Ancestors on the Commons (Shaw Conference Centre Hall A - 9:00)



Nancy Turner

Working Together for a Common Goal: Food Security Traditions for Western Canadian First Peoples (Shaw Conference Centre Hall A, May 26 - 17:00)



David Schindler

The Oil Sands and the State of Science in Canada
(Shaw Conference Centre Hall A - May 27th 8:30)



Francois Paulette

As long as the rivers flow...
(Shaw Conference Centre Hall A - May 27th 8:30)



Rob Huebert

Arctic Sovereignty and Climate Change - Canada's Future in a Changing North
(Shaw Conference Centre Hall A - May 29th - 8:30)



Itoah Scott-Enns

Sustainability in Northern Canada - A Future for Indigenous Youth
(Shaw Conference Centre Hall A - May 29th - 8:30)

Monday Workshops

Pre-Conference Workshops Monday, May 25 (9:00-15:00) Lister Hall, GSB and Pembina Hall, University of Alberta				
No.	Location	Time	Theme	Workshop Leader(s)
1	Pembina Hall 1-19	10:00-12:00	Nehiyawe tân - Introductory Cree Language Workshop and Cree Knowledge	Dorothy Thunder, Faculty of Native Studies, University of Alberta, University of Alberta
2	Pembina Hall 2-06	9:00-12:00	Indigenous Rights and Issues of Economic Sustainability in Canada	Richard Price Faculty of Native Studies, University of Alberta
3	Bison Rm. Lister Hall	9:00-12:00	Supporting Communities and NGOs in Making Change: Northern and Southern Perspectives	Gordon Foundation & Franciso Chapela The Christensen Foundation,
	Pembina Hall 1-56	13:00-16:00	Indigenous Environmental Movements	Crystal Lameman, Beaver Lake Cree Nation & Eriel Deranger, Athabasca Chipewyan First Nation
4	Prairie Rm. Lister Hall	9:00-12:00	Teaching Co-management of the Commons	Evelyn Pinkerton, Simon Fraser University British Columbia
5	Alberta Rm, Lister Hall	9:00-12:00	Collaborative Research: Lessons Learned Across Cultures and Natural Resources	Peggy Smith, Lakehead University Gabriela Lichtenstein, CONICET, Argentina
6	GSB 553	9:00-12:00	Food Security Policy Locally and Globally - The Role of Coops and Cooperation	Ellen Goddard University of Alberta
		13:00-16:00	Subsistence Economies and Food Sharing	David Natcher University of Saskatchewan
7	GSB 511	9:00-12:00	Citizen Science and Community-Based Monitoring in the Stewardship of Water Resources and Fishing Livelihoods	Renato Silvano, Dept. of Ecology, UFRGS Brazil
8	Bison Rm. Lister Hall	13:00-16:00	Rethinking our Economy: The Social Economy and the Economics of Happiness	Mark Anelski, Edmonton, Alberta
9	Alberta Rm. Lister Hall	13:00-16:00	An Introduction to the Commons - Commons 101	Leticia Merino, Ruth Meinzen-Dick & Kate Ashbrook

Participants must be pre-registered. Workshop volunteers will meet workshop participants and take them to their room for those not in Lister Conference Centre. Please meet at 8:45 outside the Aurora Room.

Thursday Fieldtrips

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One Day Fieldtrips Thursday, May 28 (9:00-14:30)				
No.	Transportation	Approx. Return	Title	Field Trip Leader(s)
1	School Bus	14:30	Treaty Rights and The Commons	Reg Cardinal, Faculty of Native Studies, University of Alberta
2	Van	14:30	Ukrainian Cultural Heritage Village	TDB, University of Alberta
3	School Bus	14:30	Community-based Monitoring	Gloria Enzoe, Lutsel K'e Dene First Nation Jesse Cardinal, Keepers of the Athabasca
4	Van	14:30	Prairie Urban Farm	Debra Davidson, University of Alberta
5	Van	14:30	Alberta Plant Walk and Tea Making Session	Carrie Armstrong and Brett McKenna, Mother Earth Essentials, Edmonton, Alberta
6	School Bus	14:30	Paddling in the Parkland	Dustin Twinn, Swan River First Nation and Treaty 8 First Nations of Alberta
7	School Bus	14:30	Elk Island National Park	Katie Peterson, University of Alberta
8	School Bus	14:30	River Valley Ecological Tour	John Acorn, University of Alberta
9	School Bus	14:30	What is Water Worth in Alberta?	Alberta RiverWatch
10	School Bus	14:30	Oil Sands and the Commons: Refinery Row	Ken Caine, Department of Sociology, University of Alberta
11	Van	2:30PM	Cycling Tour of Edmonton's Green Spaces	John Parkins, University of Alberta Kevin Jones, City-Region Studies Centre, University of Alberta
12	Van	14:30	Devonian Botanic Garden	Lee Foote, Director, Devonian Botanic Garden, University of Alberta
13	Van	14:30	A Walk Through Time: Edmonton's History	Nathalie Kermoal, Faculty of Native Studies, University of Alberta
14	Van	14:30	Royal Alberta Museum and Art Gallery of Alberta	Jeff Andrews, University of Alberta

Participants must be pre-registered. Workshop volunteers will meet participants outside the front doors of Lister Hall and take them to their van or bus, which will leave Jubilee Auditorium (next to Lister Hall). **If you have not purchased a lunch, please bring food and water. Please also bring appropriate footwear (e.g., hikers) and rain gear if needed.**

Tuesday Plenaries and Featured Events

TUESDAY, MAY 26 (8:30-10:00) MORNING Chair: Brenda Parlee			
8:30	Shaw Conference Centre, Hall A	Brenda Parlee	Welcome and Meeting Logistics
8:45		Treaty 8 First Nations of Alberta	Welcome Remarks
9:00		Heather Menzies	Righting our Relations with the Land and the Global Economy: Lessons from our Ancestors on the Commons

TUESDAY, MAY 26 (12:30-13:30) LUNCH Chair: Brenda Parlee			
12:30	Shaw Conference Centre, Hall A	Dale Awasis	First Nations Right to Education: Human Rights in Alberta
12:45		Treaty 8 First Nations of Alberta Youth	Science and Traditional Knowledge Fair Poster Session

TUESDAY, MAY 26 (18:00-20:30) EVENING Chair: Brenda Parlee			
18:00	Shaw Conference Centre, Hall A	Nancy Turner	Working Together for a Common Goal: Food Security Traditions for Western Canadian First Peoples
19:00	Shaw Conference Centre, Salon 12	IASC General Meeting and Membership Reception	
19:00- 21:00	Riverdale Community Centre	Gathering and Dene Tea Dance (Bus will depart at 19:15) this is a short walk from the Shaw Conference Centre, see <i>Maps</i>	

Wednesday Plenaries and Featured Events

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WEDNESDAY, MAY 27 (8:30-10:00) MORNING Chair: Brenda Parlee			
8:30	Shaw Conference Centre, Hall A	David Schindler	The Oilsands and the State of Science in Canada
9:15		Francois Paulette	As long as the rivers flow...

WEDNESDAY, MAY 27 (12:00-13:30) LUNCH Shaw Conference Centre			
12:00	Salon 9	Insa Theesfeld and John Powell	IASC Regional Meeting (Europe)
12:00	Salon 10	Anne Larson and Leticia Merino	IASC Regional Meeting (Latin America)
12:00	Salon 11	Lapo Magole	IASC Regional Meetings (Africa)

WEDNESDAY, MAY 27 (15:30-17:00 & 18:30-20:30) AFTERNOON & EVENING			
15:30	Shaw Conference Centre, Hall A	Fikret Berkes, Bonnie McCay and Ruth Meinzen-Dick, facilitated by Derek Armitage	Communities, conservation and the commons: a retrospective
18:30	University of Alberta Centennial Centre for Interdisciplinary Studies (CCIS) 1-440	Walter and Duncan Gordon Foundation	Film Screenings and Discussion "Water Governance on Mount Kenya" & "Cold Amazon: Mackenzie River" *Reception to follow

Thursday Plenaries and Featured Events

THURSDAY, MAY 28 (2:30-18:00)	
University of Alberta, Van Vilet Centre 2-215 (see Map 1)	
2:30	Indigenous Talking Circle on Sustainable Resource Development

THURSDAY, MAY 28 (15:00-21:00)		
University of Alberta, Lister Conference Centre		
15:00	Glacier Room	Indigenous Craft Vendors \$\$

THURSDAY, MAY 28 (17:15-21:30)			
University of Alberta (see Map 1)			
17:15	"The Pit" Agriculture and Forestry Centre	Elicia Ratajczyk, et al.	<u>Graduate Student Event</u> Coding the Commons: Toward an Alignment and Synthesis of Key Concepts and Protocols
17:45		Discussion, Networking & Reception sponsored by University of Alberta International	
18:30	Van Vilet Centre 2-215	Tanya Kappo	Discussion Destruction of Land and Indigenous Women in Commons: Toward Sustainable Resource Development and Protection of Life
18:30	Maple Leaf Room, Lister Conference Centre	Jesse Ribot	Panel Violence and Racism in Commons: Towards Sustaining Peace and Human Rights A Talking Circle in Memory of Cinque-'Q'-D'Jahsporaf
18:30	CCIS 1-440	Film Screening	Films on the Commons

Friday Plenaries and Featured Events

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FRIDAY, MAY 29 (8:30-10:00) MORNING Chair: Brenda Parlee			
8:30	Shaw Conference Centre, Hall A	Rob Huebert	Climate Change and Arctic Sovereignty – Canada's Future in a Changing North
9:15		Itoah Scott-Enns	Sustainability in Northern Canada – A Future for Indigenous Youth

FRIDAY, MAY 29 (12:00-13:30) LUNCH Shaw Conference Centre			
12:00	Salon 9	Xavier Basurto and Marco Janssen	IASC Regional Meetings (North America)
12:00	Salon 10	Alyne Delaney	IASC Regional Meetings (Asia)

Tuesday Morning - Concurrent Sessions 10:30-12:00

10:30 - 12:00

Salon 12	T.1	<i>Treaties - A Way of Life for Western Canada's Indigenous Peoples</i> <i>Tanya Kappo - Treaty 8, Treaty 7 and Treaty 6 First Nations of Alberta</i>	
		Laboucan, Rose	Treaty 8 First Nations of Alberta
		Lameman, Ron	Confederacy Of Treaty Six First Nations
		Beaver, Mike	Treaty 8 First Nations of Alberta
		Discussion	

10:30 - 12:00

Salon 2	T.2	<i>Environmental Justice and the Commons - Gary Machlis</i>	
		Zachrisson, Anna	Conflict over Indigenous Commons: Self-Organization to Influence Institutional Space
		Watanabe, Shigeo	Challenges of Namibian administrative structure to implement the Access to genetic resources and Benefit Sharing legislation
		Krogman, Naomi and Machlis, Gary	Desolation Row: Sustainability for the Oft-forgotten
		Yembilah, Rita and Draper, Diane	Contextualising farmer-herder conflicts in Ghana: A Socio-Geographical Approach
		Discussion	

10:30 - 12:00

Salon 11	T.3	<i>Institutions for Ecosystems Services - Ruth Meinzen-Dick</i>	
		Bernier, Quinn	Institutions for Ecosystems Services: What Do We Know, What Do We Need to Know?
		Kitchell, Erin	Institutional Innovation, Livestock Corridors, and Ecosystem Services in Agropastoral Drylands
		Bennett, Michael	Local Institutions & Household Delivery of Ecosystem Services under China's Conversion of Cropland to Forests Program
		Snorek, Julie	The production of contested landscapes: Changes to ecosystem services in the Sahel
		Fleischman, Forrest	How what we know and don't know about forest bureaucracies impacts the study of forest management in South Asia
		Discussion	

10:30 - 12:00

Salon 13	T.4	<i>Global Governance of Genetic Resources and Associated Knowledge: A Commons Approach - Tania Bubela</i>	
		Boggio, Andrea	Global Governance of in Genetic Resources and Associated Knowledge: A Commons Approach
		Louafi, Selim	Equity challenges in governing global commons: The example of the global benefit sharing fund of the International Treaty on plant genetic resources
		Geary, Janis	Applying institutional logics theory to understand how community heterogeneity impacts establishing successful commons: A case study of the International Barcode of Life Project
		Contreras, Jorge	The 2014 NIH Genomic Data Sharing Policy
		Gebbru, Aman	From Common Goods to Public Goods – The Effects of Legal Intervention on Codification of Traditional Knowledge
		Discussion	

10:30 - 12:00

Salon 9	T.5	<i>Advancing Diagnostic Research on Disturbances in Transboundary Rivers of Western North America - Dustin Garrick</i>	
		Garrick, Dustin	Droughts, Disturbances and Diagnosis: Triangulating Analytical Techniques for Assessing Robustness to Climate Extremes in the Rio Grande/Bravo Basin
		de Loe, Rob,	Beyond the basin: rethinking the boundaries and players involved in multiscale water governance
		Heinmiller, Tim	The Evolution of Policy-Relevant Beliefs and Advocacy Coalitions in Southern Alberta Water Governance

		Schlager, Edella	Analyzing the Institutional Grammars of the Rio Grande River Basin
		Villamayor-Tomas, Sergio	Using the Social-Ecological Systems Meta-Analysis Database (SESMA) to characterize cases: the Rio Conchos example
		Plumb, Spencer	Assessing institutional changes in a payments for environmental services context: A case study of instream water transactions in Oregon
10:30 - 12:00	Salon 14	T.6	Governing Risk and Vulnerabilities in Coastal Commons: The Case of Small-Scale Fisheries - Cristiana Seixas
		Vaughan, Mehana	Konohiki: Restoring community governance of inshore fisheries in Hawaii
		Tipanyan, Chananchida and Mee-Udon, Farung	Evolution of common management : Opportunities and challenges for fishing communities in Thailand
		Bockstael, Erika	Participation makes management planning "less worse": A case from Paraty, Brazil
		Partelow, Stefan	An updated social-ecological system framework for lobster fisheries: Case implementation and a sustainability assessment in Southern California
		Discussion	
10:30 - 12:00	Salon 19	T.7	Back to the future: Commons from a Long Term Perspective - Miguel Laborda-Pemán
		De Moor, Tine	The Common Rules Project. Towards a common language to analyze and interpret commons' regulation in historical Europe
		Laborda-Pemán, Miguel	Changing the Commons. Understanding Institutional Change in Seven Pre-Industrial Communities, Northern Spain, 14th-19th centuries
		Pereira, Joana	Cooperation facing Liberalism: Crisis and War: One Hundred Years of Portuguese Cooperative Experiences (1834-1934)
		Larsson, Jesper	Conflict resolution mechanisms and the maintaining of an agricultural system. The development of local courts as an arena for solving collective action problems within Scandinavian civil law, 16th century to the end of 19th century
		Laborda-Pemán, Miguel	Village Federations: Robust Nested Governance in Northern Spain (Navarre, 14th- 20 centuries
		Discussion	
10:30 - 12:00	Salon 20	T.8	Redefining the Commons - Rights and Access to Healthcare, Education and Land Resources - Prahab Choudbury
		Feys, Roel	The Ethics of Allocating Health Care Resources through Institutions for Collective Action
		Kits, Gerda	Learning about living well in the land: Decolonizing the economics curriculum
		Gehrigh, Frederique	Discrepancies between paper and practice: Farmers' perception of land and water property claims in Tajikistan
		Mugadza, Amanda	Securing communal land rights in TFCAs for sustainable livelihoods
		Choudhury, Pranab	Community-based Landscape-linked land tenure: A case study of Nagaland, India
10:30 - 12:00	Salon 17	T.9	Challenges and Opportunities for Sustainable Resource Development in the Commons: Case Studies on Renewable Energy - Debra Davidson
		Salas, Maria Angelica	Gender Map of the Solar Energy Sector in Northern Philippines
		Moss, Tim	Local Energy Systems: A New Commons?
		Chenard, Carolyn	Participatory practices in the public sphere: A case study of the Site C Clean Energy Project in British Columbia
		Ehlers, Melf	A common pool resource framework for comparing community renewable energy projects
		Ruseva, Tatyana	Policy Paradoxes of Renewable Energy Development Bulgaria
		Facilitated Discussion	

10:30 - 12:00

Salon 6	T.10	Conservation Governance and Place-Based Communities: Applying a Social-Ecological Systems Lens - 1 - Anthony Charles	
		Samakov, Aibek	Spiritual commons: sacred sites as core of community conserved areas in Kyrgyzstan
		Arce-Ibarra, Ana Minerva	Exploring the meaning of 'Conservation' in Mexico's Lowland Maya Commons
		Zachariah-Chaligne, Alex	Motivations for Community-Based Conservation: A case from Odisha, India
		Garces, Maria Jose	Communal land and peasant's living strategies: a case study of an indigenous community in Ecuador
		Fikret Berkes	Discussant

10:30 - 12:00

Salon 10	T.11	Community Matters in British Columbia Fisheries Governance: Adapting to Global Pressures - Evelyn Pinkerton	
		Angel, Eric	The burden of conservation: who pays, who benefits, and why?
		Ladell, Neil	Aboriginal fishing principles and values in a globalized world: are remote aboriginal communities along coastal British Columbia able to adapt their traditional use and management of clam fisheries to fit within current environmental, market, and policy conditions?
		Milko, Haley	Keeping the next generation on the water: Opportunities and barriers to continuing aboriginal engagement with the ocean in northern BC
		Pinkerton, Evelyn	The Importance of Coastal Community Well-Being in the Evaluation of Fisheries Policies
		Facilitated Discussion	

10:30 - 12:00

Salon 15	T.12	Institutional Misfits: When Economic and Demographic Change causes Owners, Users, Caretakers, Beneficiaries, Uses, and Benefits of Commons to Slip out of Alignment - 1 - Gaku Mitsumata	
		Mitsumata, Gaku	Conditions for Collaborative Environmental Governance in Post-industrial Society
		Saito, Haruo	How do rights of public access affect performance of ecosystem services?
		Shimada, Daisaku	The Rise of Institutions allowing Public Access to Nature in Kyushu, Japan
		Delaney, Alyne	Institutional Deficits in Japan's Fisheries Cooperatives Associations: The Case of the Missing Members

10:30 - 12:00

Salon 16	T.13	Cooperatives and Agricultural Sustainability - Terry Veeman	
		Boenning, Kinga et al.	State-funded practice-science-cooperation: a case-study in German agriculture
		Kobayashi, Mai	Bhutan's gentle transition: Organic agriculture and natural resource use in the Himalayan Kingdom
		Jaffe, Joann	Collaborative Research and the Integrated Cooperative Model in the Context of the Commons: Promise and Praxis
		Patnaik, Archana	Institutionalisation of Plant Genetic Resources and intellectual commons: A case study of Central Rice Research Institute, India
		Choudhury, Pranab	Commons Foodscapes for a Local Food Security: Juxtaposing Biodiversity, Culture, Nutrition and Indigenous Community in Indian Forest-Foodscapes
		Discussion	

10:30 - 12:00

Salon 18	T.14	Redefining the Commons - Looking back and Looking Ahead - Tobias Haller	
		Haller, Tobias	Land Acquisitions, Common Pool Resources and Common Property Institutions: Some Theoretical Reflexions from an Anthropological Perspective
		Mancini, Flavia and Paoloni, Lorenza	Usi civici (civic uses): the Italian side of Commons
		MacKinnon, Iain	A Celtic system of 'native title'? Crofting commons and the colonization of the Highlands and Islands
		Hardy, Nat	Common Struggles; Common Legacy: Black Migration From Georgia to Nova Scotia (1812-1863)

	Swallow, Kimberly	New Models for Redefining the Commons: Local and Governance Success
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Tuesday Early Afternoon - Concurrent Sessions 13:30-15:00

13:30-15:00

Salon 12	T.15	Living on the Deposits: Aboriginal Territories in Alberta's Oil Sands - Janelle Baker	
		Longley, Hereward	'I'm not going to tell you that because then you'll go up there': Traditional Land Use Mapping and Cartographic Colonialism in 21st Century Athabasca Bitumen Extraction Conflicts
		Dersch, Ave	Primary and Secondary Impacts on First Nations Traditional Land and Resource Use in Alberta's Southern Oil Sands Region
		Mills, Jennifer	Consultation and Contestation in the Albertan Bituminous Sands
		Baker, Janelle	First Nations Perceptions of Wild Food Contamination in Alberta's Oil Sands Region
		Discussion	

13:30-15:00

Salon 2	T.16	Between a Rock and a Caribou - Development Impacts on First Nations in Ontario's Far North - Peggy Smith	
		Smith, Peggy	The Context for Development in Ontario's Far North
		Ferris, Raymond	First Nation Land Use in Treaty #9 Territory
		Waboose, Murray	Sustainable Human Development
		Duckert, Dan	A New Treaty Relationship for Development
		Discussion	

13:30-15:00

Salon 11	T.17	Payments for Environmental Services (PES): Under what conditions will PES strengthen resource users' motivations to conserve forests? - Krister Andersson	
		Lopez, Maria Claudia	The implications of local forest conditions and dependence on forests in the design of PES programs
		Kerr, John	Payment for environmental services for collectively managed natural resources
		Hayes, Tanya	Do economic incentives drive collective behavior to govern the commons? An assessment of Ecuador's Socio Bosque program
		Murtinho, Felipe	Payment for Ecosystem Services in the Commons: Who participates?
		Salk, Carl	Individual forest-use habits and the inclination to harvest in forest-framed public goods games

13:30-15:00

Salon 13	T.18	Critical Reflections on the Role of Traditional Knowledge and Peoples' Perceptions in Sustainable Development of Local Commons - Jelina Haines	
		Johnson, Leslie	Huckleberries, Food Sovereignty, Cumulative Impact and Community Health: reflections from northern British Columbia, Canada
		Haines, Jelina	Indigenous knowledge sharing and relationship building through narrative storytelling and creative activities.
		Samar, Brefo Sparkler	Local knowledge and ethnobotany survey of medicinal plants for traditional healthcare delivery in Ghana
		Curi, Melissa	Brazilian Indigenous People Kamaiurá and Sustainable Development
		Oyerinde, Olubukola (Victoria)	Indigenous Knowledge on Non-Timber Forest Products (NTFPs) in fringe Communities of Oluwa Forest Reserve, Ondo State, Nigeria

13:30-15:00

Salon 9	T.19	New institutional designs for community development and environmental conservation- John Parkins	
		Egunyu, Felicitas and Reed, Maureen, G.	Social learning for collaborative forest management in a community-based organization: Lessons from Uganda

	Kitamura, Kenji and Sato, Tetsu	Integrated Local Environmental Knowledge for Actions Aimed at Encouraging Adaptive Societal Change: Community Initiatives in the Nishibetsu Watershed, Japan
	Parkins, John and Reed, Maureen	Forest Governance as Neoliberal Strategy: A Comparative Case Study of the Model Forest Program in Canada
	Birch, Allison and Sinclair, John	Assessing the “Joint-ness” in Forest Management in the Kullu Valley, Himachal Pradesh
	Gatto, Paola	Long-term adaptation in historical forest commons: experiences from the South Eastern Alps

13:30-15:00

Salon 6	T.20	Conservation Governance and Place-Based Communities: Applying a Social-Ecological Systems Lens - 2 - Anthony Charles	
		Seixas, Cristiana S.	Who should care for nature? Perceptions of Caiçara communities and protected area managers/staff in Paraty, Brazil
		Marschke, Melissa	Can commons insights help improve small producer aquaculture management?
		Berdej, Samantha	Bridging communities into conservation: an Indonesian case study
		Koli, Anar	Resource Entitlement and Social Vulnerability to Climate Change in Bangladesh: Experience from Community based Conservation Initiatives
		Facilitated Discussion	

13:30-15:00

Salon 19	T.21	A New Geography of Commons Theory: Thoughts from Mexico - James Robson	
		Robson, James	Migration and Comunalidad: Transformations in indigenous governance systems in a biocultural hotspot of Mexico
		Klooster, Daniel	How Migration Transforms Institutional Choice for Indigenous Mexican Communities
		Lira, Maria	Can Indigenous Transborder Migrants Affect Environmental Governance In Their Communities of Origin? Evidence from Mexico
		Merino, Leticia	New struggles for the commons
		Moss, Tim	Spatiality of the Commons

13:30-15:00

Salon 20	T.22	Success and Failures of Programs, Policies and Incentives on the Commons - Nancy Turner	
		Macnaughton, Alison	“Paiche Reigns!” The impacts of species introduction on indigenous fisheries development in the Bolivian Amazon
		Kaskoyo, Hari	Community forestry program in protection forest and its impact on local livelihoods: Case studies in Lampung Province, Indonesia
		Spalding, Pamela and Turner, Nancy	Barriers and Bridges to Including Traditional Ecological Knowledge in Land Use and Resource Development Planning in British Columbia
		Grandi-Nagashiro, Maria Cecilia	Forestry incentives and its outcomes: The experience from Chile
		Brnkalakova, Stanislava	Forest commons and community forestry in evolution in Europe

13:30-15:00

Salon 17	T.23	Challenges and Opportunities for Sustainable Resource Development in the Commons: Case Studies on Mining - Naomi Krogman	
		Rosyida, Isma	A Critical Analysis of Multi stakeholders Utilization of Marine and Coastal Resources and Local Socio Political Influences: Dealing with Risks and Uncertainty (A Case of Tin Mining)
		Jyotishi, Amalendu	Formal to Informal: Transitions in Institutions and Governance of Gold mining in Nilgiri-Wayanad Region of India over last 170 years
		Berryman, Shanti	A community-designed study of the effects of mining dust on traditional plants of the Nlaka'pamux people of central-interior British Columbia
		Hanson, Lorelei	Framing Climate Change in Alberta: Protecting the Commons?
		Discussion	

13:30-15:00

Salon 14	T.24	Alleviating Poverty and Malnutrition in Rural and Urban Hotspots - Brent Swallow	
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	Davidson, Debra	Urban Food Security and Land Use: Defining the Connections; Identifying the Vulnerabilities, and Source of Transformation
	Miller-Tait, Evan	Promoting Agrobiodiversity and Food Security in India: Challenges in designing a pro-poor intervention
	Hudson, Suraya	Social Practices of Knowledge Mobilization for Sustainable Food Production: Nutrition Gardening and Fish Farming in the Kolli Hills of India
	Maharjan, Mishra Engila	Agricultural Strategies that Build Livelihood Resilience
	Adepoju, Abimbola	Correlates of food insecurity status of urban households in Ibadan Metropolis, Oyo State Nigeria

13:30-15:00

Salon 10	T.25	“On the other side of fairy tales”: Making commons work for commoners in the real world - Gabriela Lichtenstein and Fikret Berkes
	Ross, Helen	An inclusive approach to the management of Australia's Moreton Bay: a commons perspective
	Loucks, Laura	The Emergence of Community Science: Closing the Governance Gap Through Transformative Learning
	Ribot, Jessie	No Need to Make Sense: The Arts of Domination in Senegal's Forest Projects
	Lertzman, David	Factors for Effective Ethical Indigenous Corporate Collaboration: Creating Shared Space With Industry and Community in the Boreal Forest
	Facilitated Discussion	

13:30-15:00

Salon 15	T.26	Institutional Misfits: When Economic and Demographic Change causes Owners, Users, Caretakers, Beneficiaries, Uses, and Benefits of Commons to Slip out of Alignment - 2 - Margaret McKean
	Ohno, Tomohiko	Examining principles for cross-scale interactions: The example of large-scale watershed planning in Japan
	Kagohashi, Kazuki	Institutional change and sustainability of a pond irrigation system in the Sanuki plain: A historical analysis
	Tomiyoshi, Mitsuyuki and Kohsaka, Roh	Mobilizing Protection of the Genetic Commons: Seed Conservation Activities by Local Residents in Nôtô, Japan / Post-Industrial Society
	Iwasaki, Shimpei	Potentials and historical process of new forest commons from fishers' initiatives in Japan
	McKean, Margaret	Discussant

13:30-15:00

Salon 16	T.27	Cooperatives and Agricultural Sustainability - Rodd Myers
	Myers, Rodd	Dinner table politics: a multi-scalar access analysis of a rattan value chain starting in the forest commons of Central Sulawesi, Indonesia and ending in your kitchen
	Massieu, Yolanda	Maize seeds in Mexico as common: culture, food and resistance
	Watson, Kelly	The importance of communal “wild” lands for beekeepers in Burundi
	Watanabe, Shigeo	An institutional analysis on the management of a Namibian Women's Cooperative
	Futemma, Célia; de Castro, Fábio	Partnerships: Innovative collective actions among farmers and non-farmers in the Eastern Brazilian Amazon Region

13:30-15:00

Salon 18	T.28	Security in the Local Commons: Multiple Approaches for Assessment - Lars Hallstrom
	Neudoerffer, Cynthia	Understanding local food security through community self-assessment of resilience
	Patnaik, Archana	Marginalised community, New Commons and Autonomy: A case study of Deccan Development Society in India
	Shobayashi, Mikitaro	Rebuilding commons for addressing issues associated with food production efficiency and agri-environment: A new institutional approach for collectively managing individual farm lands in Japan
	Sarker, Ashutosh	Managing Private Terraced Paddy Fields as Transcommons in Japan
	Teshale, Fekadu	The Contribution of highland bamboo (Yushania alpina) to Rural livelihoods and status of its domestication in Bule district, Geddo Zone, SNNPR

Tuesday Late Afternoon - Concurrent Sessions 15:30-17:00			
15:30-17:00	Salon 12	T.29	Between a Rock and a Caribou - Development Impacts on First Nations in Ontario's Far North - Peggy Smith
		<i>Smith, Margaret (Peggy)</i>	The Context for Development in Ontario's Far North
		<i>Duckert, Dan'l</i>	An alternative view of land-use planning: Introducing Akhee design
		<i>Drake, Karen</i>	Amended but still Unconstitutional: The Trials and Tribulations of Ontario's Mining Act
		<i>King, Lauren</i>	Exploring the dimensions of power in co-management arrangements: A synthesis of the literature
		<i>Facilitated Discussion</i>	
15:30-17:00	Salon 2	T.30	Governing the Commons for Building Equity in an Uncertain World - Nathan Bennett
		<i>Klain, Sarah</i>	Ecologically sustainable but unjust?
		<i>Bennett, Nathan</i>	Positioning Equity in Social-Ecological Systems Frameworks and Common-Pool Resource Management
		<i>Trimble, Micaela</i>	An Evaluation Framework for Adaptive Co-management: Towards Commons Governance in an Uncertain World
		<i>Agnew Muhati, Elijah</i>	Resilience of the Commons in the Midst of Fragmentation and Titling of Natural Resources
		<i>Clark, Elizabeth</i>	Enclosing the oceans: Values embedded in fisheries research, practice and policy
15:30-17:00	Salon 18	T.31	Collective Action Issues in the Provision and Production of Ecosystem Services - Tatanya Ruseva
		<i>Singh, Ajay</i>	Rule embeddedness and institutions for private land conservation in the United States
		<i>Drescher, Michael</i>	Ontario conservation tax incentives programs: an investigation of cross-scale interactions among state and non-state actors and ecosystem service provisioning
		<i>Bennett, Drew E.</i>	Markets or incentives collective action? A comparative case analysis of payments for ecosystem services programs in the United States
		<i>Lien, Aaron</i>	A rules-based classification of payment for ecosystem services programs
		<i>Villamor, Grace</i>	Gender-specific appreciation of landscape multi-functionality and ecosystem services in Southeast Asia
		<i>Gopi, Girigan</i>	Gender, poverty and ecosystem services: a case study of conversion of traditional rice agro-ecosystems in Wayanad, India
15:30-17:00	Salon 13	T.32	Local and Traditional Knowledge in Wildlife Research and Co-Management - Stephan Schott
		<i>Walker, Phil</i>	The Grey's influence on individual's perception of wolves in light of Cultivation Theory
		<i>Kristine Wray</i>	Traditional Knowledge and Changing Caribou Populations
		<i>Autto, Hannu</i>	Clubs, common-pools and collective actions: discussing complex production systems in light of Sami reindeer pastoralism
		<i>Schott, Stephan</i>	Harvesting, Food Security and Wildlife Management in Nunavut
		<i>Lokken, Nils</i>	Attitudes towards Wildlife Co-management in the Kivalliq Region of Nunavut

15:30-17:00

Salon 9	T.33	New institutional designs for community development and environmental conservation - John Parkins	
		Brown, Carolyn	Institutional context and climate change adaptation in the humid forest zone of Cameroon
		Navarrete Frias, Carolina	Institutional arrangements to support cross-scale and cross- thematic integration for natural resource governance at the landscape level in the Amazon
		Mori, Tomoya	The Structural Analysis of the Role Played by Social Capital in Communal Forestry Management in Low Areas, Lao PD
		Gruezmacher, Monica	Managing palm species in evolving social-ecological systems; insights on different forms of resilience in the Colombian Amazon
		Bastakoti, Rishi	What Makes Community Forestry Pro-poor: Lessons From Nepal

15:30-17:00

Salon 6	T.34	Governing Risk and Vulnerabilities in Coastal Commons: Marine Protected and Conservation Areas - Anthony Charles	
		Araujo, Luciana	Small-Scale Fishers' participation in Consultative Councils of Protected Areas in the southeastern coast of Brazil: challenges for public participation
		Weber de Moraes, Gabriela and Schlüter, Achim	From government to governance: a case of Marine Protected Areas in Costa Rica
		Paula, Gabriela	Impacts of institutional changes and MPA management to indigenous peoples' livelihoods and food security in Southern Brazil
		Ramirez, Luisa and Slocombe, Scott	Territorial rights for coastal communities in Colombia: Opportunities and challenges for the governance of marine protected areas
		Lancaster, Darienne	Assessing Recreational Fisher Compliance in British Columbia's Rockfish Conservation Areas

15:30-17:00

Salon 19	T.35	Local & Traditional Knowledge and the Commons: Building Livelihood and Well-being - Janette Bulkin	
		Van Assache, Kristof	Tempering mechanisms for governing boom & bust cycles and the utility of evolutionary analyses; the case Alberta, Canada.
		Bulkin, Janette	Public Trust and Indigenous Trust traditions: Emerging opportunities for securing land rights in Guyana, Suriname and Belize
		Berryman, Shanti et al.	A community-led approach for landscape planning: Lessons from a project with Fort McKay First Nation, Alberta
		de Castro, Fabio	Farming knowledge building between migrant and local peasants in the Eastern Amazon
		Hutter, Amanda	Seven Generations and Sustainability: Putting Traditional Ecological Knowledge into a contemporary First Nation ecosystem services industry
		Discussion	

15:30-17:00

Salon 20	T.36	Sustainable Resource Development in the Arctic - Chris Southcott	
		Chris Southcott	Resources and Sustainable Development in the Arctic - Key Themes of Social Change in the Circumpolar North
		David Natcher	Resource Development and Subsistence Economies in Northern Canada
		Mary Nirlungayuk	Building Food Security in the Arctic - The Role of Arctic Coops
		Jansen, Kelsey	These Trees have Stories to Tell: Oral History and Dendrochronology about the Effects of Mining on Caribou Movements
		Discussion	

15:30-17:00

Salon 17	T.37	The Commons in Mexico: Natural Resources, Dispossession and Resistance - Yolanda Massieu	
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	<i>Basabe, Claudio</i>	Commons in risk: livestock in Chinantla, Mexico
	<i>Massieu, Yolanda</i>	The commons defense against mining in rural regions in Mexico
	<i>Lebreton, Clotilde</i>	The Environmental Governance of the Commons in the Nevado de Toluca Protected Area (State of Mexico). A Critical Analysis of Participatory Mechanisms for Environmental Management
	<i>Altamirano-Jimenez, Isabel</i>	How do real indigenous forest dwellers live? Neoliberal conservation in Oaxaca
	<i>Singh, Simron</i>	Governing Common-pool resources: Can Payment for Ecosystem Services (PES) Deliver?

15:30-17:00

Salon 14	T.38	New institutional designs for community development and environmental conservation - Maureen Reed	
		<i>Tarekegne, Fedeku</i>	The impact of community based Forest management on Local community Livelihoods in Belete-Gera Forest, Ethiopia
		<i>Beaudoin, Jean-Michel</i>	Growing deep roots: How can Aboriginal communities find their way in forest governance?
		<i>Widmark, Camilla</i>	Attitude Toward Environmental Consideration Among Non-industrial Private Forest Owners in Sweden
		<i>Gatto, Paola</i>	Forests in commons between production of timber and provision of ecosystem services: an analysis in the Veneto region of Italy
		<i>Miovska, Marina and Gatto, Paola</i>	Cooperation groups and collective action in forestry, through lenses of post-socialist situation: Croatia and Serbia as cases of South East Europe

15:30-17:00

Salon 10	T.39	"On the other side of fairy tales": Making commons work for commoners in the real world - Gabriela Lichtenstein and Fikret Berkes	
		<i>Lichtenstein, Gabriela</i>	Innovative approaches to challenges faced by projects that link social inclusion with conservation: the Payun Matru case study
		<i>Clark, Douglas</i>	Polar bears, complexity, and cautionary lessons for managing a dynamic commons
		<i>Cinti, Ana</i>	The Challenge of Managing Artisanal Fisheries Embedded in Protected Areas -Valdes Peninsula (Argentine Patagonia) as a Complex Commons
		<i>Islam, Durdana</i>	Between a business and a social enterprise: the Norway House Fisherman's co-op, northern Manitoba, Canada
		Facilitated Discussion	

15:30-17:00

Salon 15	T.40	Supporting the bottom-up from the top-down? Panel on external Induction & Support for collective action - 1 - Kinga Boennig	
		<i>Koontz, Tom</i>	Applying the Governmental Impacts Framework for Analyzing the Impact of Governments and NGOs on Collaborative Natural Resource Governance: A study of 12 Indian Forest Committees
		<i>Bruns, Bryan</i>	Facilitating Self-governance: Questions and Challenges for Institutional Co-evolution
		<i>Boennig, Kinga</i>	Inducing the bottom-up from the top-down? Conceptual considerations on state-funded cooperation and an empirical example from German agriculture
		<i>López, Lizeth Beatriz Gil</i>	Communitarian Committees in CNCH: An attempt of external induction for social organization
		<i>Koontz, Tom</i>	Discussant

15:30-17:00

Salon 16	T.41	Cooperation and Agricultural Sustainability - Phillipe Marcoul	
		<i>Babu, Lenin</i>	Changing Ownership of Agricultural Land, Degradation of Commons and Food Security: New Perspectives
		<i>Marcoul, Phillipe et al.</i>	"Blood is thicker than water": Economic implications of food gifting within kinship networks
		<i>Gertler, Michael</i>	Re-forming the Western Canadian grazing commons: Community and co-operative pastures under neoliberal restructuring

	Kruger, Heleen	Local institutions for cooperative pest management to underpin market access: The Case of Industry-Driven Area-Wide Fruit Fly Management
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15:30-17:00

Salon 11	T.42	Ignite Presentations (Tell your long story in short form - 5 minutes)	
		Khurram, Iqbal	Livelihoods of local communities in Ayubia National Park of Pakistan: The impact of Tourism and common pool resource management
		Sarker, Ashutosh	The Role of State-Reinforced Self-Governance for Managing Postwar Coastal Fisheries Commons in Japan
		De La Mora, Gabriela	Natural protected areas in urban spaces and collective action. A comparative study of two cities
		Siva, Bitra Sada	People's Initiatives to Conserve and Develop Traditional Tanks / Lakes in Cascades in India for improving Livelihoods, food security and Water Use Efficiency
		Deepananda, K.H.M. Ashoka	Role of Transaction Costs in Resource Planning and Management in Community-based Beach-seine Fisheries in Sri Lanka
		Gunakar, S.	Sustainable Livelihoods of Women in Small Scale Fisheries
		Sanneh, Ebouu	Sustainable forest management and marketing of forest products and services
		Shrestha, Krishna	The forest-food paradox: Rethinking Nepalese community forestry in the face of food insecurity
		Zeppa, Victoria	To Harvest or Not to Harvest: Institutional Change in Farmer-Trader Exchange Practices in the Indonesian Shallot Market
		Sahoo, Niranjan	A Study on Management Practice of Common Methods of Community for Livelihood Promotion and Agriculture in Jharkhand State of India
		Paudel, Naya	Enhancing food security through fostering forest-farm interface: Insights from Nepal's community forestry
		Musevenzo, Emeldeh	Ensuring a delicate balancing act of food security and livelihood improvement in communal areas – evidence from Zimbabwe
		Mir, Md. Azmain Muhtasim	Impact of Water Logging on Food Security and Livelihood Strategy of South-West Coastal Region People of Bangladesh
		Sinha, Himadri	Climate Change Adaptations through Collective Reconstruction: Case of Jharkhand in India

Wednesday Morning - Concurrent Sessions 10:30-12:00

10:30 - 12:00

Salon 2	W.1	Strategies for Governing the Commons: Exploring the Strengths and Limitations of Collaboration as a Water Governance Strategy - Rob de Loe	
		de Loe, Rob	Collaboration as a governance strategy: introduction to the special session
		Brisbois, Marie-Claire	Collaborating with power: Resource industry participation in multi-actor water governance
		Melnychuk, Natalya	Understanding legitimacy in multi-actor collaborative governance for water
		Morris, Michelle	Exploring the role of collaboration in the Mackenzie River Basin, Canada
		Panesar, Jaspal	Multi-actor approaches for knowledge sharing and governance of transboundary water resources
		Discussion	

10:30-12:00

Salon 9	W.2	Framing Commons as a Process: Exploring the Concepts of Commonisation and Decommonisation for Theory, Policy and Practice - 1 - Fikret Berkes	
		Nayak, Prateep	Introduction to the double Panel: Understanding the commons through commonisation and decommonisation
		Lopez-Maldonado, Yolanda	Groundwater common pool resources in Yucatan, Mexico: Understanding commonisation processes - and anticipating decommonisation - in the cenotes of the Mayan area
		Galappaththi, Eranga	Is Commonisation possible in shrimp aquaculture? A case from northwestern Sri Lanka

	Khan, Shah	Decommonization and Recommonization of Mountain Commons and their Impact on Livelihood Security
	Berkes, Fikret	Reflections from the Chair and Discussion

10:30 - 12:00

Salon 14	W.3	Linking Local to Global Perspectives in Strengthening the Commons - Maureen Reed	
		Basu, Soutrik	Understanding the efforts of Generation Challenge Programme (GCP) from commons perspective
		De Caro, Daniel	Investigating the Psychological and Contextual Determinants of Effective Community-Based Participatory Decision Making
		Djanibekov, Nodir	Explaining project failure paradox in post-Soviet Central Asia: The case of Uzbekistan
		Gambon, Helen	Fixation or dynamics? Governance of an indigenous territory and Biosphere reserve in the Bolivian Amazon
		Reed, Maureen	Raising orphans: The experience of UNESCO biosphere reserves in Canada

10:30 - 12:00

Salon 6	W.4	Resistance and Collective Action Around Grabbing the Commons - Jampel Dell'Angelo	
		Dell'Angelo, Jampel	Grabbing the Commons
		Brinkhurst, Marena	Practical Innovations for Protecting Common Lands and Resources: Grassroots Legal Empowerment Strategies
		MacKinnon, Anne	Conceptual conflict and interference with community management: Impact of imposing land-law concepts on water management
		Farhad, Sherman et al.	Commons governance and long-term provision of ecosystem services: The case of multi-level water governance in rice producing region, Isla Mayor, Andalusia, Spain
		Discussion	

10:30 - 12:00

Salon 17	W.5	A Social-Ecological Systems Approach to the Analysis of Governance of Natural Common Pool Resources Raul Pacheco-Vega	
		Nunan, Fiona	Analysing multi-level governance of mangrove forests in East Africa: an application of Ostrom's SES framework
		Kumazawa, Terukazu	Collaborative approach to assessment of social-ecological systems based on ontology engineering
		Janssen, Marco	Using agent-based models to compare behavioral theories on experimental data of irrigation games
		Pacheco-Vega, Raul	Applying the Social Ecological Systems framework (SES) to a Mexican water governance case: Bringing the politics back in
		Facilitated Discussion	

10:30 - 12:00

Salon 15	W.6	Distenglanging Community-Based and Community Driven Research and Action on Water Governance - Thomas Dyck	
		Dyck, Thomas	Addressing water concerns in southern Ontario: Insights from local First Nation contexts
		Lapologang, Magole et al.	From community Based to Community Driven: Creating an empowering environment for communities in management of the commons in the Okavango Delta Botswana
		Amblard, Laurence	Collective action as a tool for water quality management in agriculture: the case of co-operative agreements in French drinking water catchments
		Bepple, Jonathan	Reducing demand of water in Canada's thirstiest city through agent based modelling

10:30 - 12:00

Salon 16	W.7	Governing Risk and Vulnerabilities in Small-Scale Fisheries Commons - Anthony Charles	
		Fauzi, Akhmad	Risk Sharing and network economics of coastal communities: A case study of the small scale fishing communities in the Java and Bali, Indonesia
		Ho Thi Thanh Ngaa, Helen Rossa	Power and Power in Use: Fisheries Co-management in Tam Giang Lagoon, Vietnam

		literature review
	Amaral, Ellen et al.	The governance of co-management of Arapaima (Arapaima sp.) in the Middle Solimões, Amazonas, Brazil
	Discussion	

10:30 - 12:00

Salon 10	W.8	Monitoring and Stewardship in a Cultural Landscape - Connecting Traditional Knowledge and Social Action - Melody Lepine	
		Lisa King	Impacts of Oil Sands Mining on a Traditional Way of Life
		Melody Lepine	The Environmental Impacts of Resource Development and the Opportunities for Protecting the Land
		Kevin Courterelle	Perspectives on Monitoring the Athabasca River with Mikisew Cree Youth - CBM Program
		Jodi Stonehouse	Womyn, Water, and Well-Being: Looking at Indigenous Knowledge Downstream from Alberta's Tar-sands
		Discussion	

10:30 - 12:00

Salon 19	W.9	Combining Documentary Archives with Survey Data to Advance from Case Studies to Large-N Analysis of the Japanese Commons - Margaret McKean	
		Hayasaka, Keizō	The Kotsunagi Archive: from legal disputes on the commons to large-N analysis of Commons in Iwate Prefecture in the Twentieth Century
		Hayashi, Masahide	Causes and Consequences of Resource Shortage on the Japanese Commons in the early 20th century
		Kira, Yōsuke	The Impact of Changes in Forest Ownership in Japan: Cross-Sectional Time-Series Analysis of the Prefectures in the Late 19th and Early 20th Centuries
		Kanazawa, Yūsuke	Managing Commons during Rapid Economic Growth: A large-N analysis
		McKean, Margaret	Discussion

10:30 - 12:00

Salon 20	W.10	Accessing the Commons: Collaborative Care and governance in the Face of Privatization and Power - Mehana Vaughn	
		Vaughan, Mehana	Sustaining Communities through Small-Scale Inshore Fishery Catch and Sharing Networks
		Diver, Sibyl	Building legitimacy for Indigenous resource management institutions in the Pacific Northwest - Negotiating knowledge, shifting access: Building legitimacy for Indigenous institutions resource management institutions in the Pacific Northwest
		Baker-Médard, Mez	Gendering the Commons: the politics of marine protected areas and fisheries access
		Lukacs, Heather	Beyond formal groups: Neighbouring acts and watershed protection in Appalachia
		Montenegro, Maria	Land use and gender implications of labor allocation in the Upper Mantaro Watershed, Peru

10:30 - 12:00

Salon 18	W.11	Cultural Evolution and the Commons: A Cultural Evolutionary Approach to Commons Management - 1 - Tim Waring	
		Waring, Tim	A multilevel evolutionary framework for sustainability analysis
		Niles, Meredith	Achieving Climate Cooperation Among Farmers
		Levy, Michael	Network structure and cooperation in agricultural commons management
		Hillis, Vicki	A cultural evolutionary model of crop disease prevention in a networked social-agroecological system

	Facilitated Discussion
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10:30 - 12:00

Salon 13	W.12	The New Polycentricity? Conceptual basis and operationalization for the study of the Commons - Xavier Basurto	
		<i>Basurto, Xavier</i>	Introduction to the Panel: The New Polycentricity
		<i>Gruby, Rebecca</i>	Understanding polycentricity in practice: (How) does it work?
		<i>Marshall, Graham</i>	Polycentricity and adaptive governance
		<i>Zarychta, Allan and Andersson, Krister</i>	Local forest governance in Guatemala: Can Polycentric Governance Theory Explain Variation in Outcomes?
		<i>Clark, Elizabeth</i>	Enclosing the oceans: Values embedded in fisheries research, practice and policy
		<i>Schlager, Edella</i>	Discussion

10:30 - 12:00

Salon 12	W.13	Research for Academia, for, or with Practice? Workshop on the Use, Usability and Usefulness of Scientific Results in Practical Contexts - Kinga Boennig	
		This participatory workshop will deal with the questions: How far are our results on diverse topics of CPRs and social-ecological systems used in practice? To which extent are they useful and usable for diverse groups of practitioners, including e.g., members of local communities or policy-makers? To which extent are we as practitioners interested in the use of scientific results, and what have been our experiences with this so far?	
		Facilitated Discussion	

10:30 - 12:00

Salon 11	W.14	Multi-Level Institutions for Social-Ecological Resilience - John Powell	
		<i>Potts, Jason</i>	Economics of an Innovation Commons
		<i>Sullivan, Abigail</i>	The impact of institutional heterogeneity: A mixed methods approach to understanding management outcomes of the invasive mile-a-minute weed (<i>Mikania micrantha</i>) in Chitwan, Nepal
		<i>Rommel, Jens</i>	Modeling Evolutionary Institutional Change in Social-ecological Systems: A Research Heuristic
		<i>Powell, John</i>	Resilience in marine resource governance - a deeper look at institutional change
		<i>Hoefnagel, Ellen</i>	Cross scale problems - working across social, cultural and ecological scales to build local and global sustainability

Wednesday Early Afternoon - Concurrent Sessions 13:30-15:00

13:30 - 15:00

Salon 2	W.15	Embedded in Landscapes: Toward a Research Agenda on Landscape Level Governance - Leslie King	
		<i>King, Leslie</i>	Institutional Interplay and Institutional Diagnostics for Landscape Level Governance
		<i>Kisingo, Alex W.</i>	Landscape level governance in the GSET: Lessons learnt and way forward
		<i>Robinson, Lance. W.</i>	Institutional Linkages for Landscape Level Governance: The Case of Mt. Marsabit, Kenya
		<i>Weber, Marian</i>	Cumulative Effects Perspectives on Environmental Change in Alberta - Connecting Theory and Governance
		Discussion	

13:30-15:00

Salon 13	W.16	Polycentricity in commons governance: Theories, case studies and future challenges - Raul Pacheco-Vega	
		Pacheco-Vega, Raul	Evaluating polycentricity in water governance? Towards a life cycle measuring framework
		Thiel, Andreas	Embedding and distinguishing polycentricity in research on environmental governance: a review and outlook
		Schlager, Edella	Polycentricity and the Design Principles: Explaining Regional Scale CPR Self-Governing Arrangements
		Garrick, Dustin	The Transaction Costs of Polycentric Water Governance in the Murray-Darling Basin: Tradeoffs and Trends in Sustainable Water Allocation Reform from 2000-2015
		Discussion	

13:30-15:00

Salon 14	W.17	Resistance and Collective Action Around Grabbing the Commons - Makere Harawira-Stewart	
		Neef, Andreas	Resistance to Land Grabs and Displacement in Cambodia: The Limits of Collective Action
		Pia, Andrea	For the Common Good: Water Users' Associations, Collective Action and the problem of "success" for Non-State Water Provisions
		Harawira-Stewart, Makere	Negotiating the tricky terrain of Indigenous rights, markets and the notion of the Commons, or, If water belongs to no one, why are we sending shiploads to China?
		Behn, Caleb	Keepers of the Water - British Columbia
		Jesse Cardinal	Keepers of the Water - Athabasca River
		Discussion	

13:30-15:00

Salon 9	W.18	Framing Commons as a Process: Exploring the Concepts of Commonisation and Decommunisation for Theory, Policy and Practice - 2 - Derek Armitage	
		Awan, Sajida	Environmental change and property rights: The case of Nurri and Jubhoo lagoons in Indus delta, Pakistan
		Ramalu Ragavan, Hari	Community-Based Marine Biodiversity Resources Management in Malaysia
		Euler, Johannes	The social practice of commoning as core determinant for commons
		Chan, Cheryl; Khan, Fatima Noor; Awan, Sajida	A Dialogue with Commons Scholars on the Past, Present and Future of the Commons
		Armitage, Derek	Reflections from the Chair and Discussion

13:30-15:00

Salon 6	W.19	Understanding the Robustness to Disturbance in Irrigation Social-Ecological Systems - Sergio Villamayor-Tomas	
		Villamayor-Tomas, Sergio	Understanding individual and collective responses to droughts in Mexican irrigation systems
		Anderies, John Marty	Small-scale irrigation and climate change: A Coupled Infrastructure Systems View Persistence and Change in Social-Ecological Systems: Perspectives from Studies of Small-Scale Irrigation through the Lens of Coupled Infrastructure System
		Wang, Yahua	Why water user associations underperformance in China: Analysis in SES framework
		Dell'Angelo, Jampel	'Who Decides?' Investigating Decision-making Dynamics of Community Water Projects on Mount Kenya
		Mapedza, Everisto	Gendered complex outcomes in the Kandeu Irrigation scheme's sustainable intensification option in Malawi

13:30-15:00

Salon 17	W.20	Applying a Commons Approach to Urban Social-Ecological Systems - Debra Davidson	
		<i>Nath, Sanchayan</i>	Collective action in urban social-ecological systems
		<i>Takamura, Gakuto</i>	Polycentralization of Urban Governance and the Role of Law to Open Community Boundaries: Legal Geography of Business Improvement Districts in San Francisco and New York City
		<i>Umetsu, Chieko</i>	Transformations of the Property Ward System in Modern Japan and Nagasaki
		<i>Tanyanyiwa, Vincent</i>	Understanding the Contribution of Parks and Green Spaces to Harare's Residents Wellbeing
		<i>Pubjabi, Bharat</i>	Institutional Design and the Geography of Rural-Urban Water Conflict in the Mumbai Region, India

13:30-15:00

Salon 15	W.21	Ethno-Ecology-Local and Traditional Knowledge in Understanding Ecosystem Change and Development - Renato Silvano	
		<i>Silvano, Renato</i>	Fishers' knowledge can improve spatial planning for conservation and fisheries management in a tropical floodplain
		<i>Deepananda, K.H.M. Ashoka</i>	Role of Indigenous Knowledge in Community Based Coastal Fishery Management: Case of Beach-seine & "Stilt-fishing" in Southern Sri Lanka
		<i>Mertens, Frédéric</i>	The role of social networks in mediating fish resources availability, access, utilization and stability in a community from the Brazilian Amazon
		<i>Whitehead, Matthew</i>	Many generations of change - Traditional Knowledge of the Effects of Development in Northern Alberta

13:30-15:00

Salon 16	W.22	Marine protected areas as community-building spaces - Xavier Basurto	
		<i>Gray, Noella</i>	Seeing the High Seas: Legibility and Governance of the Ocean Commons
		<i>Basurto, Xavier</i>	Uncovering 'Spiteful Cooperators' through combining experiments, a large-n survey, and interviews to analyze the impact of MPAs on fishing communities
		<i>Schlueter, Achim</i>	Turtle eggs harvesting and the incentives of an NGO: an experiment with Nicaraguan fishermen
		<i>Gabriela Weber de Morais</i>	From government to governance: a case of Marine Protected Areas in Costa Rica
		<i>Charles, Anthony</i>	Governance of Marine Fisheries and Biodiversity Conservation

13:30-15:00

Salon 10	W.23	Obstacles and Opportunities for Watershed Co-Management - Karen Bakker	
		<i>Marshall, Graham</i>	Path Dependence and the Economics of Recovering Environmental Water for Resilience in Australia's Murray-Darling Basin
		<i>Baines, Paul</i>	Raising a Great Lakes Commons
		<i>Sinha, Himadri</i>	Revisiting the Participatory Watershed Development Programmes of India
		<i>Hamilton, Matthew</i>	Policy networks and climate change adaptation in the Lake Victoria Basin: a multilevel perspective
		<i>Lukacs, Heather</i>	Vulnerability and Protection of Drinking Water Sources: A Case Study of the January 2014 Chemical Spill in West Virginia
		<i>Bakker, Karen</i>	Commons versus Commodities: Indigenous rights, water, and resource development in North-Eastern BC

13:30-15:00

Salon 19	W.24	Reviving Rivers: Knowledge, Practice, and Commons Management in Japanese River Catchments - Takeshi Ito	
		<i>Watanabe, Takehiro</i>	River Catchment as Commons: Law, Civil Engineering, and Ecology in Contemporary Japan
		<i>Hamada, Shingo</i>	Commons or Boundary?: Negotiating Knowledge and Oysters through Watershed Restoration in Eastern Hokkaido, Japan
		<i>Harada, Sadao</i>	The collective river management based on water transportation culture - A case of Hozugawa River
		<i>Ito, Takeshi</i>	Reviving Rivers: Knowledge, Practice, and Commons Management in Japanese River Catchments
		<i>Takahashi, Takuya</i>	How did policy intervention work out for forest commons in Japan? An analysis of time-series, prefectural data

13:30-15:00

Salon 20	W. 25	Obstacles and Opportunities for Watershed Co-Management - Anne McKinnon	
		<i>MacKinnon, Anne</i>	Obstacles and routes to river basin co-management: The case of two tribes and a state government, U.S.
		<i>Wilson, Nicole et al.</i>	Community responses in a changing hydrosocial system: Community-Based Monitoring among Indigenous nations of the Yukon River Basin
		<i>Aarnoudse, Eefje</i>	Conjunctive water management in North West China: A promising strategy to deal with uncertainty
		<i>Miller, Brett; Jones, Kelly; James, Erin</i>	Assessing the Symbolic and Economic Value of Stream-Flow in the Salmon River Basin, Idaho
		<i>Discussion</i>	

13:30-15:00

Salon 18	W.26	Cultural Evolution & the Commons: Empirical Applications of a Multi-Level Evolutionary Framework - 2 Vicken Hills	
		<i>Brooks, Jeremy</i>	Examining environmental conservation and sustainable development in Bhutan through the lens of cultural multilevel selection theory
		<i>Frost, Karl</i>	Cultural evolution theory applied to questions of sustainability in the interlocking politics of resource extraction industries, First Nations sovereignty, food security, and environmental activism in BC, Canada
		<i>Arnold, Gwen</i>	A cultural evolutionary explanation for the use of compulsory pooling in unconventional hydrocarbon production
		<i>Garibaldi, Ann and Dyck, Thomas</i>	Understanding the social and cultural dimensions of cumulative land impacts in a northern Alberta Aboriginal community
		<i>Discussion</i>	

13:30-15:00

Salon 11	W.27	Meta Data, Games and Experiments for Strengthening Collective Action in the Commons - Ruth Meinzen-Dick	
		<i>Meinzen-Dick, Ruth</i>	Can Experimental Games Strengthen Collective Groundwater Management? Learning from Field Experiments in India
		<i>Sarker, Ashutosh</i>	Common-Pool Resources Management in Experimental Economics and Neuroscience Perspectives
		<i>Mohammed, Abrar</i>	A Modified Actor-Power-Accountability Framework (MAPAF) for analyzing commons governance: Case study from Ethiopia
		<i>Andersson, Krister</i>	Linking the short- and long-term in common pool forest management using role-playing game
		<i>Wright, Glenn</i>	Trust, and Common Pool Resource Governance: Some Experimental and Observational Evidence

13:30-15:00

Salon 12	W.28	Bridging Practice, Research and Advocacy for Communities and Forests in Canada - Peggy Smith	
		A special panel, including academics and practitioners, will address the bridging of practice, research and advocacy among academics and civil society to advance community forestry. An additional focus will be the new national network - Community Forests Canada - that emerged in 2013 as a means to support existing and proposed community forestry initiatives, policy engagement and research.	
		Smith, Margaret (Peggy)	Public Policies to Enable Community Forests in Canada
		Bullock, Ryan	Towards a new national network for community forestry in Canada
		Palmer, Lynn	Practice and Advocacy for Community Forestry in Canada
		Discussion	

Friday Morning - Concurrent Sessions 10:30-12:00

10:30 - 12:00

Salon 2	F.1	Multiple Approaches to Analyzing Commons: Insights on Conflicts, Cooperation and Collective Action - Ruth Meinzen-Dick and Kate Ashbrook	
		Doss, Cheryl and Meinzen-Dick, Ruth	Collective Action Within the Household: Insights from Natural Resource Management
		Gual, Miquel A.	Conflict and cooperation strategies in the management of commons. A case study from Isabella, Galapagos Islands
		Chipoma, Cornelius	Relating Commons Analyses to Public Sector Management: Experiences from Zambia's Educational Sector
		Rahman, Md. Mokhesur	Do Knowledge and Technologies have any Gendered Impact in Coping with Climate Induced Vulnerability? Experience of South- Western Coastal Communities of Bangladesh
		Mee Udon, Farung	Thai Women's participation in Governance
		Discussion	

10:30 - 12:00

Salon 15	F.2	Community forestry/REDD in action: Beyond readiness, interaction between external incentives and local collective action concerns - Rohit Jindal	
		Yu, David	The effect of information feedback on social-ecological system robustness: Evidence from a behavioral laboratory experiment
		Mamta, Vardhan	Participatory Forest Management in Tanzania: Lessons for REDD
		Kerr, John	The Influence of Short-Term Financial Incentives on Social Norms and Behaviors
		Jindal, Rohit	To cheat or not? Behavioral experiments on self-monitoring in Vietnam, with implications for REDD
		Nijnik, Maria et al.	Climate change and forestry: common pool regimes as panacea or Pandora's Box?
		Discussion	

10:30 - 12:00

Salon 13	F.3	Multi-scale governance in small-scale fisheries II: Experiences from Latin America - Maria Jose Espinosa Romero	
		Romero, Maria Jose Espinosa	Implementing multi-scale governance in fisheries management: lessons learned from Mexican fisheries
		Bennett, Abigail	Multi-level governance of small-scale fisheries under global market pressures: A comparative case study of Mexican sea cucumber fisheries

<i>Cox, Michael</i>	Exploring fishing dynamics in the Dominican fishing village of Buen Hombre
<i>Cinti, Ana</i>	Small-scale fisheries in ecologically sensitive areas: opportunities and challenges for sustainability under diverse institutional arrangements
<i>Hayashida, Ana</i>	Leadership, control mechanisms and networks for sustainable fishing
<i>Mancha-Cisneros, Maria del Mar</i>	Marine reserves are no panacea: institutional scale and cooperative management for reserve efficacy under multi-scale governance

10:30 - 12:00

Salon 9	F.4	Understanding Climate Adaptation from an Institutional Economics Perspective: A Framework and Community Bridging Exercise - Konrad Hagedorn	
		Thiel, Andreas	The institutional economics of climate change adaptation: modeling uncertainty in collective action and collective actors
		Hagedorn, Konrad	Bridging across institutional analysis frameworks: challenges and opportunities
		Villamayor-Tomas, Sergio	Frameworks and scholarly networks on institutional analysis of socio-ecological systems
		Inglis, Jan	Developing a Social Political Decarbonisation Pathway to Protect Our Global Atmosphere Commons
		Discussion	

10:30 - 12:00

Salon 14	F.5	Institutions that Moderate Heterogeneity and Promote Collective Action - Leticia Merino	
		Mudliar, Pranietha	Institutions that Moderate Heterogeneity for Collective Action: Case Studies from India and the United States
		Ido, Ayako	What Promotes Community Collective Action? Qualitative Analysis of Community Forest Management in Cambodia
		Chapela, Francisco	The challenge of crafting institutions for the commons: The case of community forestry support programs in Mexico 2003-2008
		Soliev, Ilkhom	The Costs of Benefit Sharing, the Case of the Ferghana Valley in the Syr Darya Basin
		Discussion	

10:30 - 12:00

Salon 11	F.6	Policy Focus - The politics of multilevel governance in land use change and climate policy - Anne Larson	
		Larson, Anne	The politics of multilevel governance in land use change and climate policy: a conceptual framework
		Gonzales Tovar, Jazmin	The politics of multilevel governance in land classification and land rights allocation
		Myers, Rodd	Dinner table politics: a multi-scalar access analysis of a rattan value chain starting in the forest commons of Central Sulawesi, Indonesia and ending in your kitchen
		Kijazi, Martin	REDD+ Rhetoric and Realities: Legitimizations and Legitimacy of REDD+ Benefits in Tanzania
		Kowler, Laura	The legitimacy of multilevel governance structures for benefit sharing: REDD+ and other low emissions options in Peru

10:30 - 12:00

Salon 16	F.7	Treaty Rights and Governance - Multiple Perspectives on First Nations and Metis Histories and Futures - Shalene Jobin and Nathalie Kermaol	
		Nathalie Kermaol	Living on the Land: Indigenous Women's Perspectives on Place
		Shalene Jobin	Neoliberal Capitalism and the Revitalization of Indigenous Economic Alternatives - Cree Economies: Indigenous Governance and Resistance to Settler- Colonial Logics

Robertson, Sean and Bunting, Kenzie	"Friendship" as a way of research: making the common from the in-between of Indigenous-nonIndigenous relationships
Tough, Frank	How the De Jure Rule of European Law Can Complement a De Facto Dispossession of Indigenous Lands: Probes into the Mystery of Property
Discussion	

10:30 - 12:00

Salon 12	F.8	Commons Today: Two Pilot Segments for a Documentary Film Series - Anne McKinnon
		Two pilot films for a documentary on commons issues; The series will introduce viewers to the vitality of commons issues in today's world, dispelling the popular impression that common property management is either outdated or doomed to failure. The series, focusing on commons issues in the developing and develop worlds, and in resources from groundwater to climate, will examine both challenges to and characteristics of successful common pool resource management. We seek IASC member comments to improve the series design.
		Facilitated Discussion

10:30 - 12:00

Salon 10	F.9	Institutional Fit in Social-Ecological Systems: The Same Old Problem or a New Frontier for Commons Research? - Jeremy Pittman
	Pittman, Jeremy	Finding adaptive and sustainable linkages: What can social-ecological network analysis show us about institutional fit?
	Epstein, Graham	Firewood and forest commons: exploring the contributions of collective action and institutional fit to forest conditions
	Berdej, Samantha	Social dimensions of fit to advance the conservation of marine commons in the Coral Triangle
	Mohammed, Abrar	A Social-Ecological Systems approach to explain disparity in outcome from community-based natural resource management (CBNRM): Case studies in Chilimo Forest, Ethiopia
	Ribas, Nielle	Are institutions enough to promote change? A case study on the relationship of institutions, window of opportunity and socio-ecological change

Friday Early Afternoon - Concurrent Sessions 13:30-15:00

13:30-15:00

Salon 2	F.10	Complex Challenges to Governing the Commons - John Powell
	Zurbriggen, Cristina	Rethinking Democratic Governance as an element of inclusive and sustainable development
	Prateek, Gautam	Complexities of success in community based natural resource management
	Cho, Sung Bong	Tragedy of the Privatization of the Commons
	Okubo, Mika	Depopulated rural community and its resource management
	Brown, Lawrence	The acceptance of traditional authorities in the Okavango basin - An Experimental Study in Namibia and Botswana

13:30-15:00

Salon 15	F.11	Challenges and Opportunitites from REDD for Management of Commons - Carlos Soria Dall'Orso
	Dall'Orso, Carlos Soria	FPIC, REDD and Green Economy and their influence in sustainable commons management in Peru
	Bastakoti, Rishi	REDD+ Challenges for Local Community Rights and Participation - Experience from Nepal

Kjosavik, Darley Jose	New Enclosures in the Time of Climate Change? The Commons, REDD+ and Cocoa farmers in Western Ghana
Miller, Brett	Forest Carbon Management in Indigenous Territories as a Global Common Pool Resource: a Case Study of REDD+ Opportunity Costs and Indigenous Perspectives on Governance in the Rio Platano Biosphere Reserve, Honduras
Teshale, Fekadu	Local people's perception on the carbon project and socio-economic effect of community based forest management: the case of Soddo district, Wolaita zone Ethiopia

13:30-15:00

Salon 13	F.12	Exploring visions, perspectives, and systems for engaging in the collaborative governance of "Common Ground", Kenora, Northwest Ontario - Melanie Zurba	
		Robson, James	Constructing a Commons in Canada's Hinterland
		Wheeler, Mya	Connecting to place through sharing stories: Using modified focus groups through place-based inquiry to create opportunities for participation in the Common Ground Land of Kenora, Ontario
		Bob, Megan	Understanding what triggers, enables, and hinders cross-cultural collaboration in fisheries management
		Zurba, Melanie	Exploring visions, perspectives, and systems for engaging in the collaborative governance of "Common Ground", Kenora, Northwest Ontario
		Discussion	

13:30-15:00

Salon 9	F.13	Living with Climate Change through Commons Governance - 1 - Prateep Nayak	
		Nayak, Prateep	Why Commons Matter for Living with Climate Change: Connecting Experiences from Global South and North
		Bastola, Aditya	Mapping Sectoral Impacts of Climate Change in the Terai, Hill and Mountain Commons of Nepal
		Lohar, Masood	The anatomy of the Cross-sectoral collaboration for living with climate change
		Ragavan, Hari	Dealing with community protocol for access and benefit sharing of biological resources as per the Nagoya Protocol in Malaysia
		Perkins, Patricia Ellie	Commons and Climate Justice

13:30-15:00

Salon 11	F.14	Policy Focus - The politics of multilevel governance in land use change and climate policy - 2 - Anne Larson	
		Myers, Rodd	Killing us without blood: in search of recognition justice in Bukit Baka Bukit Raya National Park, Indonesia
		Ravikumar, Ashwin	Decentralization and land use across countries: democracy and jurisdictional complexity
		Trench, Tim	The legitimacy of ejido and community governance in the context of REDD+ early actions in southern Mexico
		Yang, Anastasia	Multilevel land use planning in Vietnam: authority and capacity misalliance
		Greenleaf, Maron	"We started with a project and ended with a system": Land tenure and benefit distribution in Acre, Brazil's environmental services program

13:30-15:00

Salon 14	F.15	Contested Commons and New Ways to Deal with Resuting Challenges - Marty Luckert	
		Kjosavik, Darley Jose	Contested Commons: The Forest Rights Act 2006 and Indigenous People's Land Struggles in Kerala, India

Siddick, Abubacker	Alleviating malnutrition of the Tribal families in rural India: A case study of Kolli hills, an agrobiodiversity hotspot region in India
Verma, Sanjay	Sustaining Non-Timber Forest Products Based Rural Livelihood of Tribals in Jharkhand: Issues and Challenges
Tamura, Norie	Local challenges to create new communal management institution in Japan from 2 examples regarding agriculture and forestry
Forno, Francesca	United We Buy: re-embedding the economy within society for a sustainable world

13:30-15:00

Salon 16	F.16	Understanding the role of the forest bureaucracy in managing India's commons - Marcus Wangel
	Gupta, Divya	Community forestry in the Indian green economy: Taking stock of the van panchayats
	Wangel, Marcus	Polycentric Ideals, Institutional Change and Forest Governance in South India
	Bhattacharjee, Kasturi	Understanding the Relationship between Forests and Floods: Empirical Evidence from India
	Mudliar, Pranietha	Inter-organizational Collaborative Networks Water Management in India
	Agarwala, Meghana	Interactions between forest bureaucracy and elected committees in influencing outcomes in forest management in Central India
	Barnes, Clare	Making friends to influence people: civil society coalitions' strategy choices for influencing community provisions in the Forest Rights Act, India

13:30-15:00

Salon 12	F.17	Community-based Source Water Protection - Laura Machlis and Amanda Doyle
		This session will focus on methods for conducting source water protection (SWP) planning, particularly for First Nation communities. It will provide an overview of the rationale behind source water protection, will provide hands-on training for engaging in SWP planning at the community level, and will be a forum for opening up discussion on some of the challenges that aboriginal communities face when it comes to drinking water safety.

13:30-15:00

Salon 10	F.18	IGNITE PRESENTATIONS (Tell your long story in short five minutes)
	McKay, Ruth	Three Case Studies of the Commons: Success and Failure
	Wang, Yichuan	Exploring institutional openings for cooperative watershed management in the Mackenzie River Basin
	Macnaughton, Alison	Examining the outcomes of managed pirarucú (<i>Arapaima gigas</i>) fisheries across Pan-Amazonia using a social-ecological framework.
	Vianello, Michelle	A Venetian Narration of the Commons: experimenting with the definition of Commons between city and lagoon
	Dou, Xiaoxi; Elgie, Allison and Klein, Melanie	An alternative water governance framework bonding the pathways to deliver the human right to water
	Klein, Melanie and Molina, Monica	Approaching the Food-Energy-Water Nexus: From Watershed to Megaproject Based Perspectives
	Aiuvalasit, Michael	Archaeological perspectives on collective water management strategies employed during prehistoric droughts in the North American Southwest
	Chaudhury Shripati Mishra	Can Vermicomposting aid in ameliorating Soil Health Status in the Eastern Ghat Mountain Range, India?
	Oishi, Taro	Common-Pool Resource Awareness in Recreational Fishing and the Formation Process: A Structural Equation Modeling Approach Based on a Questionnaire Survey of Japanese Recreational Fishermen
	Javaid, Aneeqe	Different extraction methods and resource appropriation in CPR game
	Mogi, A.	For making the commons work; essential role of 'co-production coordinator'

<i>Canizales Perez, Rogelio</i>	How long does a groundwater collective action last? Duration analysis of small-scale farmer collectives in the Irrigation District of Costa de Hermosillo, Mexico
<i>Bagh, Sartik</i>	Hunger and food security in developing countries with special reference to Kalandi district of India
<i>Irshad, Mohammed</i>	Individual risk, Collective Rationality and Commons use: a theoretical debate
<i>Quiñones-Ruiz, Xiomara Fernanda</i>	Insights into the black box of Geographical Indications' registration processes
<i>Balaraman, Subramanian</i>	Socio-ecosystem based approach in the security assurance of food, livelihoods, and well-being of Indian fishermen

Friday Late Afternoon - Concurrent Sessions 15:30-17:00

15:30-17:00

Salon 2	F.21	Power in Institutions and Institutional Analysis of Common-Pool Resources - Eric Coleman and Insa Theesfeld	
		<i>Bennett, Abigail</i>	Embracing conceptual diversity to integrate power and institutions: Using a relational typology
		<i>Coleman, Eric</i>	Power Dynamics in Policy Network Governance
		<i>Graziano, Paulo</i>	A Power-Based IAD Framework: A Theoretical Approach (with an application to One Italian municipality)
		<i>De Vos, Bridgit and Hofelnagel, Ellen</i>	Information networks and power in the practice of quota swapping
		<i>Facilitated Discussion</i>	

15:30-17:00

Salon 15	F.22	SESMA - Comparative Case Studies of Large-Scale Commons - Michael Cox	
		<i>Cox, Michael</i>	SESMA: Comparative case studies of large-scale commons
		<i>Ban, Natalie</i>	Diagnosing large-scale marine protected areas: A comparative analysis of the social, ecological and institutional drivers of successful governance
		<i>Van Laerhoven, Frank</i>	Understanding governance of large freshwater systems: a comparative analysis of transnational watershed regimes in the Mediterranean region
		<i>Contreras, Jorge</i>	Multi-Commons and Meta-Commons in the New Data-Sharing Universe
		<i>Facilitated Discussion</i>	

15:30-17:00

Salon 13	F.23	Methodological Innovations for Peace and Resilience - Letcia Merino	
		<i>Sarkar, Rinki</i>	Imperatives for Addressing Depleting Commons in the Western Himalayas. Linking Research, Policy & Practice: A Case Study of Chilgoza Pine
		<i>Prasad, Anirudh</i>	Methodological Issues in the Management Practices of Commons: A Case of Jharkhand in Eastern India
		<i>Johansson, Patrik</i>	Nurturing Adaptive Peace: Resilience Thinking for Peacebuilders
		<i>Snorek, Julie</i>	Is your program resilient? Lessons from testing resilience in the Sahel
		<i>De Keyser, Maïka</i>	All we are is dust in the wind? Overcoming the constant threat of sand drifts

	Facilitated Discussion
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15:30-17:00	Salon 9	F.24	Living with Climate Change through Commons Governance - 2 - Ellie Perkins	
			<i>Retallack, Matthew</i>	A Systems Approach to Projecting Economic Risk Stemming from Climate Change in Ontario's Mississippi Valley Watershed
			<i>Theesfeld, Insa</i>	Climate Change Mitigation in Russia's Agricultural Sector
			<i>Ruttan, Lia</i>	Forest Fires, Caribou, and Climate Change: Differing Visions on Governance, Land and Wildlife in the Northwest Territories
			<i>Kabiri, Nbeta</i>	Resource Endowments and climate change governance in the East African Community
			<i>Tai, Hsing-Sheng</i>	Science and Practices - Social-Ecological Resilience: Lessons from Taiwan

15:30-17:00	Salon 14	F.25	Supporting the bottom-up from the top-down? Panel on external induction & support for collective action - 2 - Kinga Boennig	
			<i>Thiel, Andreas</i>	Analyzing performance and change of SES governance from the Transaction Costs Economics perspective: the cases of drainage management in Uzbekistan and wildlife management in Germany
			<i>De Vos, Bridgit, Hofelmeier, Ellen</i>	Information networks and power in the practice of quota swapping
			<i>Pranay, Ranjan</i>	Understanding adoption behavior from the theoretical lens of collective action and social network analysis
			<i>Maco, Michal</i>	Experimenting with Commons: Management of Semi-Public Urban Spaces
			<i>Pratap, Dinesh</i>	Climate Change Impacts and Adaptations by Communities in a Tribal Region of Central Himalaya: A study from Uttarakhand Himalaya, India
			Facilitated Discussion	

15:30-17:00	Salon 11	F.26	The Cosmopolitan Commons: Governing the commons under conditions of changing national, transnational, and community interdependencies - Allain Barnett	
			<i>Ratajczyk, Elicia and Brady, Ute</i>	Challenges and opportunities in coding the commons: problems, procedures, and potential solutions in large-N comparative case studies
			<i>Baggio, Jacopo</i>	Analyzing design principles to diagnose common pool resources: methodological challenges and possible solutions
			<i>Barnett, Allain</i>	Combining qualitative and quantitative methods to strengthen CPR case-analysis: examining inconsistencies
			<i>Yu, David</i>	The effect of information feedback on social-ecological system robustness: Evidence from a behavioral laboratory experiment
			Facilitated Discussion	

12:00-13:30	Salon 12	F.27	Commons Management and Conservation on the Ground: Learning from Interactions between Science and Practice - Cris Sexias	
			The aim of this session is to discuss experiences of practical interventions by scientists, practitioners, and community members 'on the ground' concerning management and conservation of the natural commons. Small groups of participants will reflect on questions: What lessons on science-practice-policy interaction can be drawn from participants' experience? What research needs can be identified? What ideas can be applied in other contexts to foster science-practice-policy interventions?	
			OPEN DIALOGUE SPACE: Addressing Transversal, Unexpected, and Sometimes Unseen Topics in the Governance of Common Resources - Thomas Dyck and Luisa Ramirez	

The purpose of this session is to create an open conversation to explore the challenges imposed by transversal or crosscutting topics such as colonialism, paternalism, and conflict in the study of common resource governance. The session involves participating in small group conversations facilitated to enable everyone to share their experiences and knowledge about the topic. Insights from the session will be shared back through social media. Come join the conversation!

10:30-12:00

Salon 16	F.28	Local & Traditional Knowledge and the Commons: Building Livelihood and Well-being - Ken Caine	
		<i>Islas, Camila</i>	Traditional Ecological Knowledge on wildlife as a subsidy for Ecosystem-based Management in Brazilian protected areas
		<i>Caine, Ken</i>	Hybrid youth knowledge in environmental governance in Northern Canada
		<i>Gauchan, Aneeta</i>	Potentials and Conflicts of Managing a Valued Common; Study of "Himalayan Gold" Management in the Alpines of Nepal
		<i>Goetter, Johanna</i>	From open access to a regime of mixed common- and private property: Indigenous appropriation and regulation of the fodder tree <i>Euphorbia stenoclada</i> in southwest Madagascar
		<i>Discussion</i>	

15:30-17:00

Salon 10	F.29	Social Metabolism, institutional change and the commons - Singh, Simron	
		The study of commons is inextricably linked to the study of institutions. Commons resources are held collectively under well-defined institutional arrangements - categorized as conventions, norms, and legal rules. They offer meaning to social relations, and protect and reproduce interests. The session and the ensuing panel discussion aim to explore how the concept of social metabolism could provide empirical basis on the biophysical dimension of society-nature interactions that might be relevant to the study of commons and institutional change.	
		<i>Singh, Simron; Nayak, Prateep; Armitage, Derek</i>	

BRIEF FAQs

See iasc2015.org for a full listing of FAQ

What do I need to bring?

For those participating in a one-day fieldtrips and to the pre-conference field trip to Fort McMurray, you may find a small backpack, water bottle, travel mug and good sturdy footwear useful. Specifically, for those travelling to Jasper and the Columbia Icefields; all of those items should be considered mandatory, as well as hat, mitts and some extra layers of clothing. Weather in the mountains can be unpredictable, don't be surprised if it snows!

No water bottles or travel mugs will be provided in your conference packages so you may want to bring your own. Water stations with glasses will be available both at Lister and Shaw Conference Centre throughout the conference.

Where is?

1. Registration

May 24, 2015 / 1400-1800/ Aurora Room, Lister Hall, University of Alberta, 87 Avenue & 116 Street

May 25, 2015 / 0700-1800/ Aurora Room, Lister Hall, University of Alberta, 87 Avenue & 116 Street

May 26-27 & 29, 2015/ 0700-1700/ Shaw Conference Centre, 9797 Jasper Avenue

May 28, 2015/ Registration is closed for this offsite fieldtrip day

2. Pre-Conference workshops

Three locations, check the program for specific locations for the workshop you are registered in. Pre-conference workshops include a lunch. The workshop facilitator will tell you where to pick up your lunch. Please reference the attached map for walking directions.

Lister Conference Centre, University of Alberta, 87 Avenue & 116 Street

Pembina Hall, University of Alberta, 89 Avenue & 117 Street

General Services Building, University of Alberta, 89 Avenue & 116 Street

3. Opening Ceremonies

Fort Edmonton Park, 7000 – 143 Street

Transportation to Fort Edmonton Park is provided to all registered conference attendees and guest (if pre-registered).

4. Main Conference

Shaw Conference Centre

9797 Jasper Avenue

What meals are included?

Included with Registration:

- Opening Ceremony buffet dinner
- Coffee, tea and water will be provided every day of main conference.
- Coffee breaks will include light snacks in the morning and afternoon.
- Box lunches are available by pre-purchase only. Deadline for box lunch purchase is May 20, 2015.

Where is...?**University of Alberta - Map 1**

- Health Sciences Jubilee LRT (this is the closest LRT station to Lister Conference Centre)
- University LRT (this is the closest LRT station to the CCIS)

Downtown Edmonton - Map 2

1. Matrix Hotel
2. Comfort Inn and Suites Hotel
3. Shaw Conference Centre
4. Central LRT Station (closest LRT to Shaw Conference Centre)

Riverdale Community Centre - Map 3**(Light-Rail Transit) LRT Information**

Fare is \$3.20 to ride the LRT. Change is provided at kiosks located at Health Sciences Jubilee and Central Station. These machines take only Canadian Funds. You must keep your proof of purchase ticket (transfer) with you at all times when you ride the train and produce if asked by a Peace Officer. Your proof of purchase ticket (transfer) is good to ride the train for a 90 minute period of time. The time is stamped on the ticket. You will need to purchase a ticket in the morning on your way to the Shaw Conference Centre and at the end of the conference day when you return to campus if you are staying at Lister Hall. There is a \$250 fine for riding the train without a valid proof of purchase ticket (transfer).

Tickets can be purchased in SUBMart in the Student's Union Building on Campus, for hours see their website: <http://www.su.ualberta.ca/businesses/submart/>

Online LRT ticket purchase:

<http://shop.edmonton.ca/Default.asp?c=o&ust=NgjAfoR8Ra8Nlyp5FkRCqpbYCO-HOaaY1x4I2lCuBqnzxX5EMZZNzpnDs2k4bIStcju6LyUA>

Where Can I Eat?

On Campus: See Map of Campus Dining Services in your program

Lunch on Conference days (Tuesday, Wednesday and Friday)

Boxed Lunch - Pick up in Hall A between 12:00 p.m. – 1:30 p.m. Pre-purchase required, you will receive your ticket when you pick up your registration package.

Food Trucks will be available during lunch each program day at Shaw. Also on Wednesday evening at Shaw and Lister Hall on Thursday evening.

NOTE ABOUT LUNCH FOR FIELDTRIPS: if you have not ordered a boxed lunch by May 22, 2015 you will need to bring your own lunch on your fieldtrip. Food is available for purchase in the lower level at Lister Conference Centre.

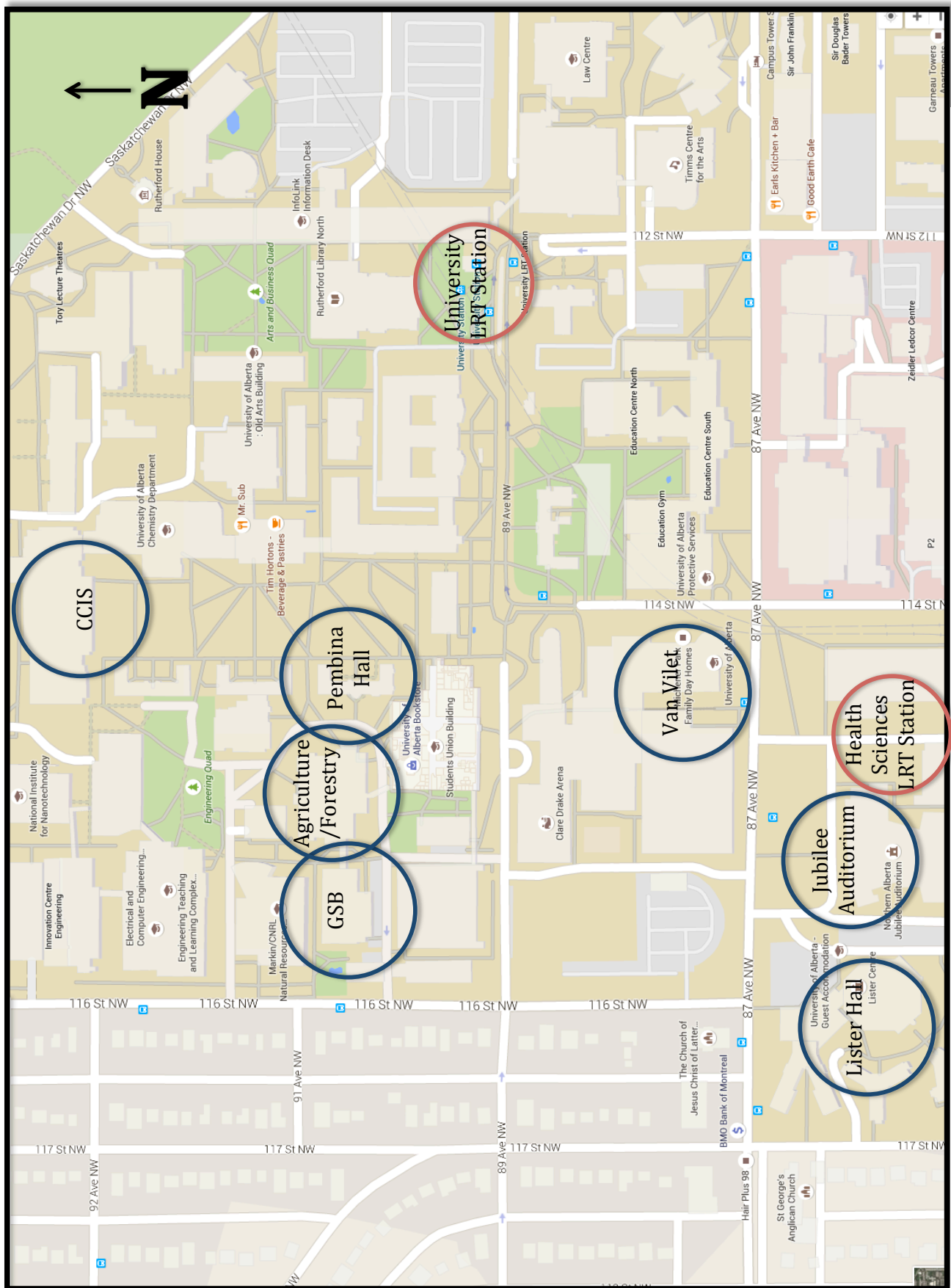
Currency Exchange

There is an International Currency Exchange outlet in the Edmonton International Airport arrivals level. It is open daily 11:00 – 0:00.

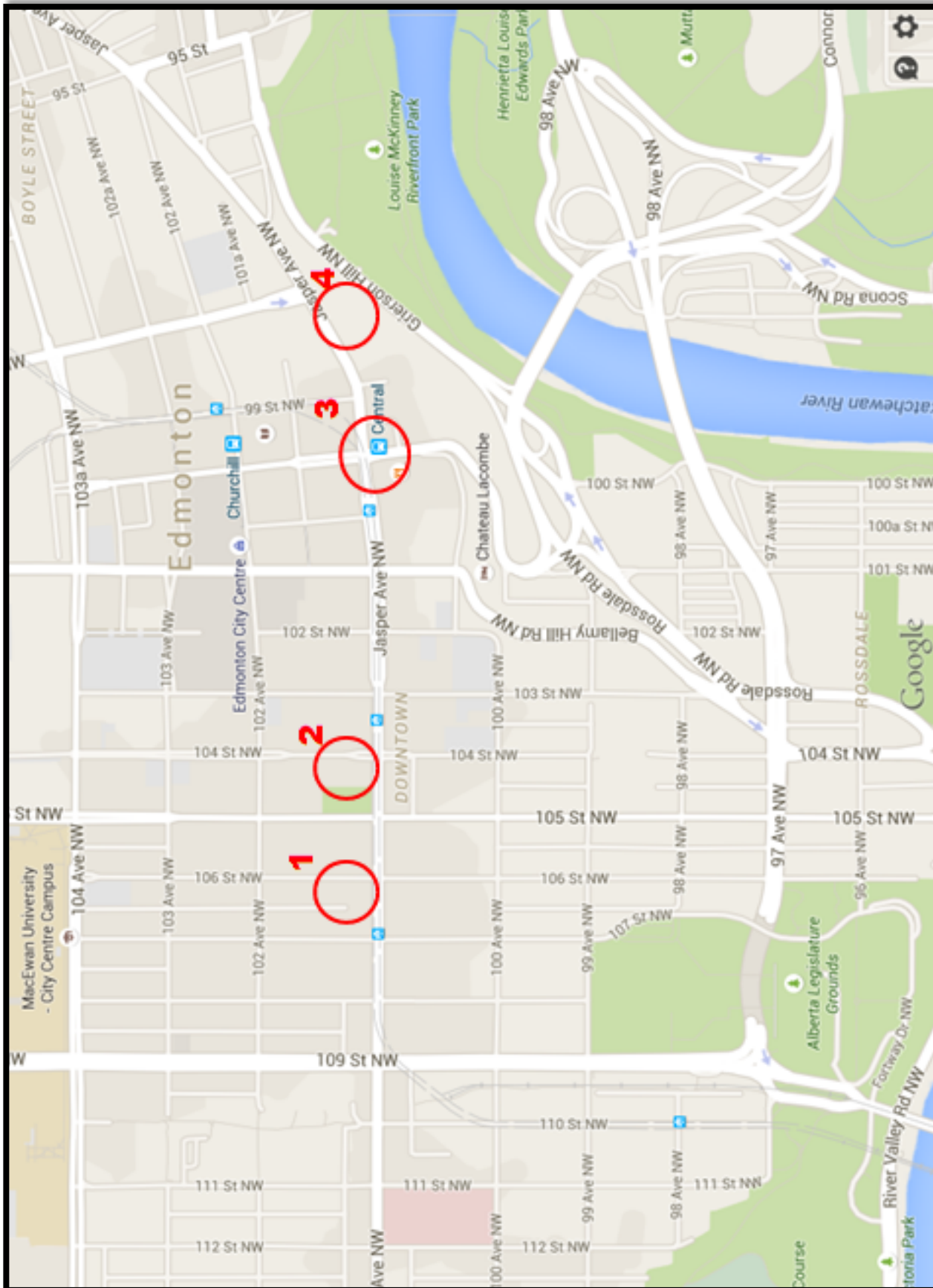
Travel from Airport

Airport transfers are NOT included in your conference fees. When you arrive in Edmonton, your best option is to take a taxi to your hotel. Taxis are available from the arrivals level of the airport. Most fares will be about \$55 - \$65 CDN one way to downtown Edmonton. Taxis take cash and credit cards.

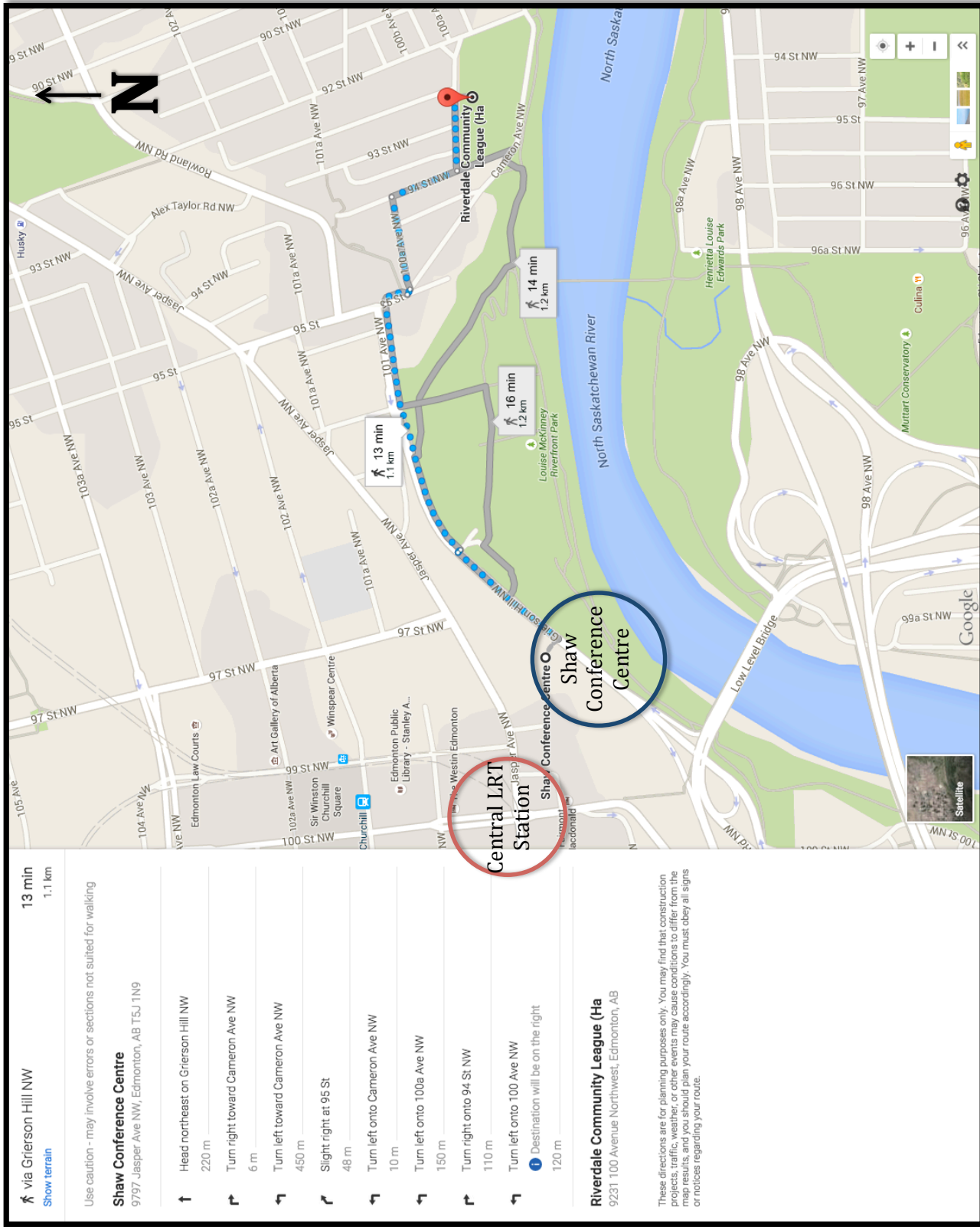
Sky shuttles can be booked on site at the time of arrival. Cost for travel to downtown Edmonton is \$18 CDN one way.



Map 1. University of Alberta Campus

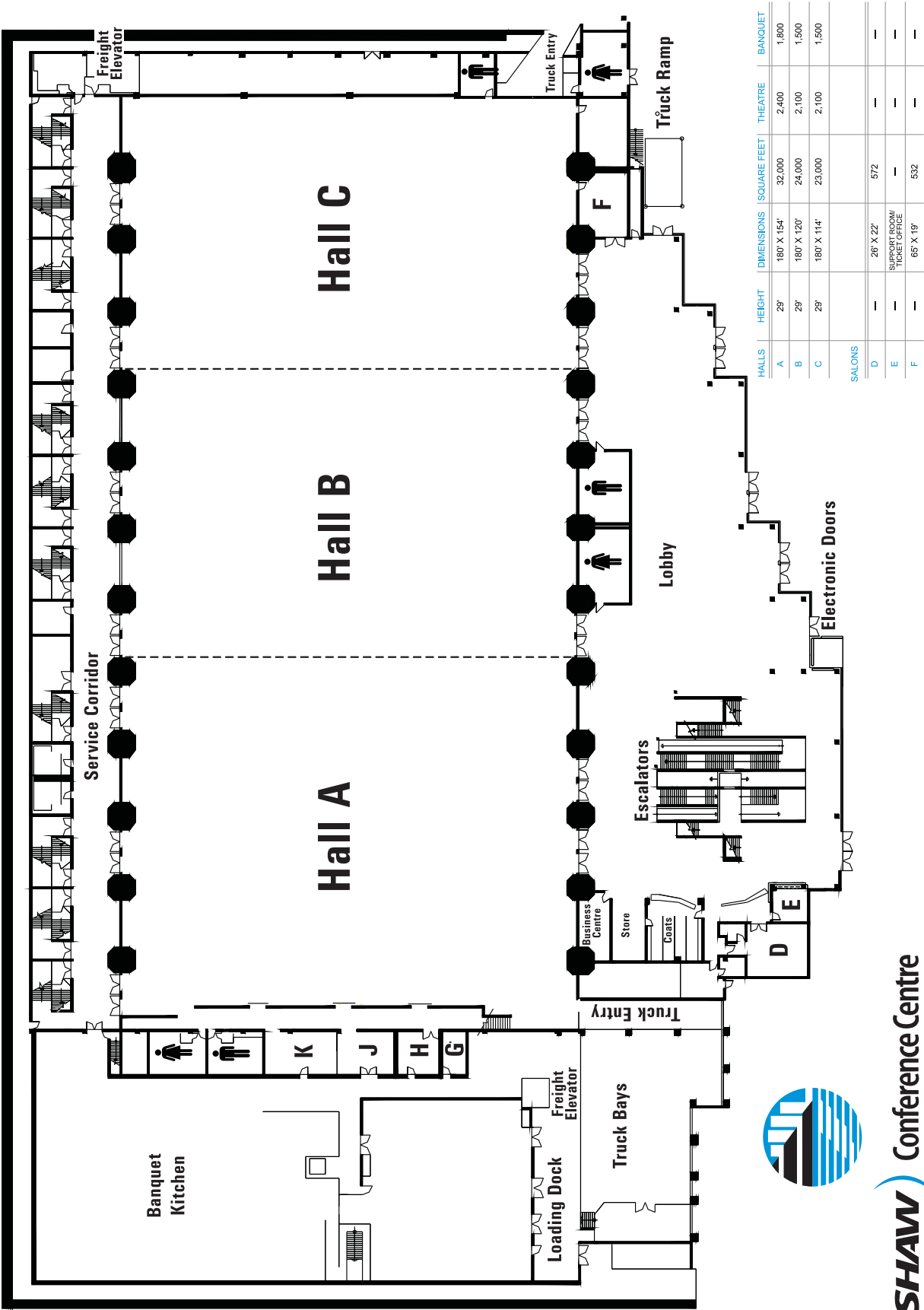


Map 2. Map of Downtown Edmonton

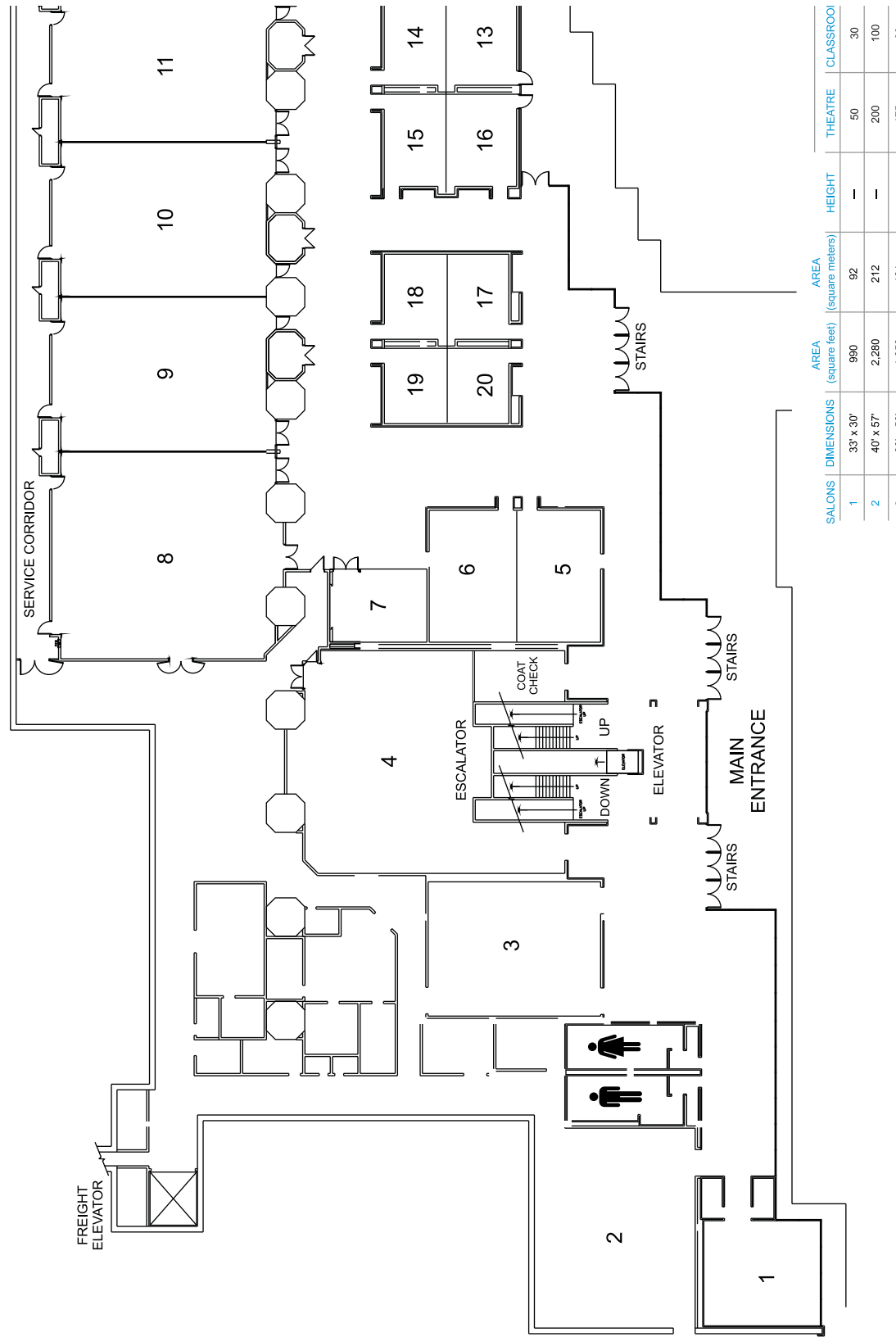


Map 3. Walking directions from Shaw Conference Centre to Riverdale Community Centre

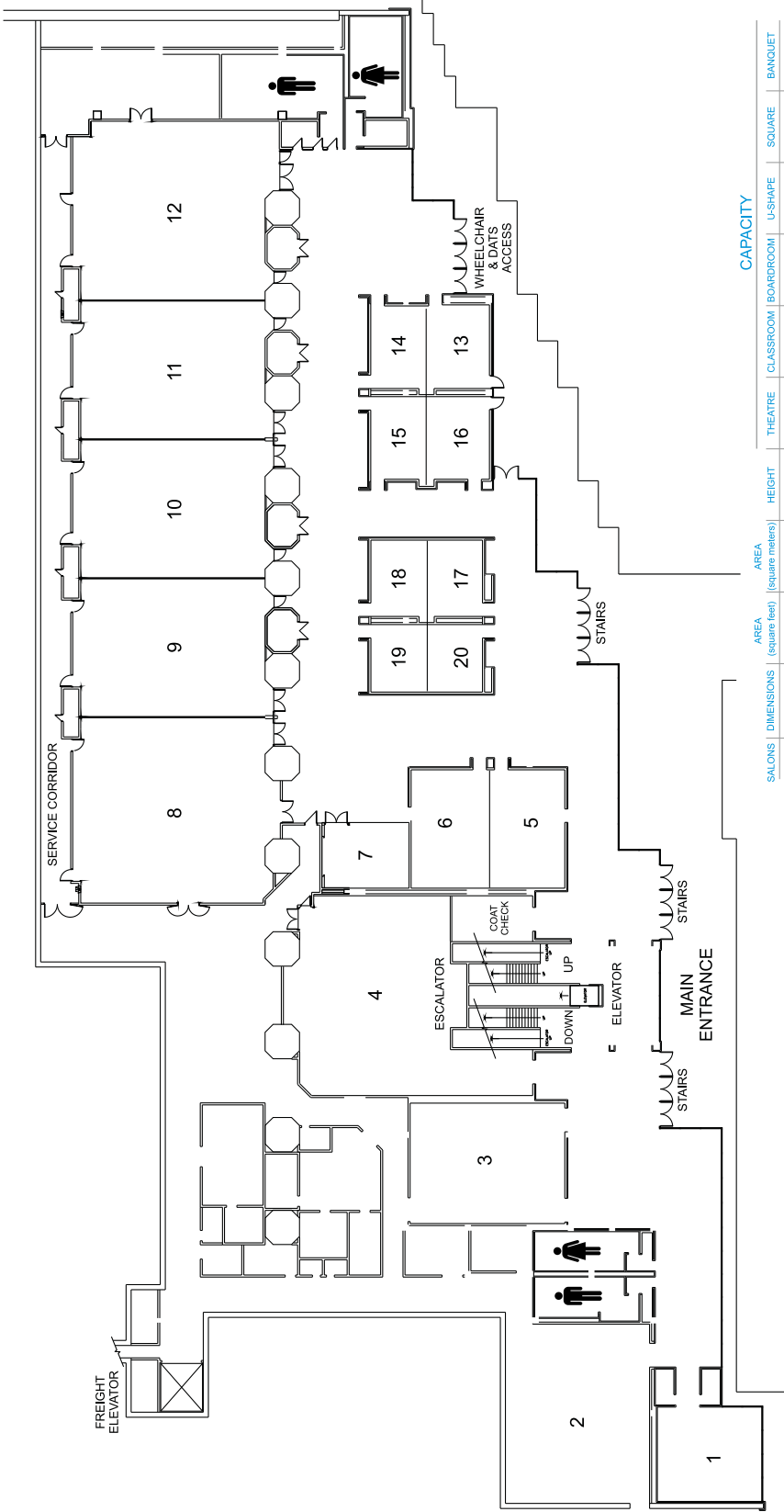
ASSEMBLY LEVEL



MEETING ROOM LEVEL



MEETING ROOM LEVEL



SALONS	DIMENSIONS	AREA (square feet)	AREA (square meters)	HEIGHT	CAPACITY				
					THEATRE	CLASSROOM	BOARDROOM	U-SHAPE	SQUARE
1	33' x 30'	990	92	—	50	30	16	—	—
2	40' x 57'	2,280	212	—	200	100	45	40	50
3	39' x 50'	1,950	181	—	175	90	35	45	60
4	49' x 65'	3,185	296	—	300	140	45	50	60
5 or 6	38' x 25'	950	88	—	60	36	24	20	30
7	29' x 20'	560	52	—	45	21	16	15	20
8	62' x 45'	2,790	346	12'-11"	320	144	50	70	80
9, 10 or 11	62' x 58'	3,600	334	12'-11"	320	144	50	70	90
12	27' x 19'	500	48	—	30	18	18	16	20
13, 14, 15, 16	25' x 18'	450	42	—	25	15	16	14	16
17 or 18	22' x 18'	395	37	—	20	15	16	10	14
19 or 20									24





DINING SERVICES LOCATIONS



UNIVERSITY OF ALBERTA
DINING SERVICES

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Treaty 8 First Nations of Alberta

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