

MONDAY 9TH DECEMBER 2019

Welcome

9:00-9:30

MONDAY 9TH DECEMBER 2019

SESSION 1A OPENING

9:30-12:00

Session with translation in French and English.

PRESENTATION OF ARCTIC WEEK (9:30-9:45)

[Ségolène Royal](#), French Ambassador for the Arctic and Antarctic Poles, President of COP21, Former Minister of Environment, Energy and the Sea, Honorary Member of Parliament.

[Alexandra Lavrillier](#), Deputy-Director for the Arctic of CEARC – University Versailles Saint-Quentin-en-Yvelines (UVSQ), Coordinator of the Arctic Network of OVSQ (France), [Semen Gabyshev](#), CEARC – UVSQ/Reindeer Herder (Russia) and [Jean-Michel Huctin](#), CEARC – UVSQ.

GUEST OF HONOUR (9:45-10:30)

[Henry de Lumley](#), Correspondent Member of Academy of Sciences (France), President of Institute of Human Palaeontology (Monaco): *“Rock engravings of Kanozero”*.

[Terry V. Callaghan](#), Nobel Peace Prize 2007, Lead Author of IPCC Fourth Assessment Report Chapter on Polar Regions (United Kingdom): *“Power networking”*.

[Yvon Le Maho](#), Director of Research at CNRS, Member of Academy of Sciences (France): *“The Biodiversity of Poles as source of biomedical innovation”*.

[Lars Kullerud](#), President of UArctic (Finland).

[Jean-Louis Etienne](#), Explorer, first man to reach the North Pole alone in 1986 (France): *“Why the Arctic attracts covetousness?”*.

[Anders Oskal](#), Secretary General of Association of World Reindeer Herders (Norway).

[Jan Borm](#), Representative of Jean Malaurie, Director of Studies at EHESS (France) and UNESCO Goodwill Ambassador: *“The Future of the Arctic”*.

KEYNOTE SPEAKERS (10:30-12:00)

Alain Bui, President of UVSQ (France).

Sylvie Retailleau, President of Paris-Saclay University (France).

Jan Borm, Vice-President in charge of international relations, founder of the Arctic Studies program at UVSQ (France): *“Ten Years of Arctic Studies at the University of Versailles Saint-Quentin-en-Yvelines/ Paris-Saclay University”*.

Outi Snellman, Vice-President of UArctic (Finland).

Chantal Claud, Director of the Observatory Versailles Saint-Quentin-en-Yvelines (OVSQ) (France).

Cyril Moulin, Deputy-Director of INSU-CNRS (France): *“Strategy INSU”*.

Henrik Harboe, Deputy to the Ambassador of Norway.

Stéphanie Vermeersch, Deputy-Director of INSHS-CNRS, adviser for polar affairs at INSHS-CNRS (France).

Jérôme Fort, Adviser for polar affairs at INEE-CNRS (France).

Emmanuèle-Gautier, Director of GDR2012 Arctic: Environment and Society (France).

Jean-Paul Vanderlinden, Director of CEARC (France).

Philippe Keckhut, Director of LATMOS (France).

Jean-François Huchet, President of INALCO (France).

Anne Choquet, Brest Business School, member of CNFRA (France): *“The CNFRA and polar research”*.

Ann Andreassen, Director of Uummannaq Polar Institute (Greenland).

André Torre, Director of MSH Paris-Saclay (France).

Jeroen Sonke, Geosciences Environnement Toulouse (France): *“The French Arctic Initiative - Pollution in the Arctic System (PARCS) project highlights”*.

SESSION 1B	GROUP PICTURE AND INDIGENOUS PERFORMANCE:	12:00-12:30
	SIBERIAN AND INUIT DRUM DANCE AND SONGS , by	
	<i>Maïa Lomovtseva-Adukanova (Even, Kamchatka) and</i>	
	<i>Uummannaq Polar Institute (Inuit, Greenland).</i>	

Lunch

12:30-13:30

MONDAY 9TH DECEMBER 2019

SESSION 2 SCIENCE AND INDIGENOUS KNOWLEDGE

13:30 -15:50

COLLABORATION, coordinated by Terry Callaghan and
Alexandra Lavrillier.

[Terry Callaghan](#), Founder, INTERACT and co-founder, SecNet (United Kingdom): *“From observation to wisdom: exploring strengths and weaknesses of two fundamental ways of knowing”*.

[Rowenna Gryba](#), University of British Columbia (Canada), [A. Von Duyke](#), [H. Huntington](#), [C. George](#), [F. K. Wiese](#), [P. Molloy](#) and [M. Auger-Méthé](#): *“Indigenous knowledge for species habitat and movement models: A case study on ice-seals in Alaska”*.

[Liudmila Egorova](#), Co-Researcher (Russia): *“Acceptance of the first symptoms of climate change in weather monitoring during the Soviet era (indigenous knowledge and meteorology)”*.

[May-Britt Ohman](#), Lule/Forest Sámi scholar, Uppsala University and Luleå University of Technology (Sweden): *“Indigenous Climate Change Studies: An upcoming research field”*.

[Alexandra Lavrillier](#), CEARC – UVSQ (France), and [Semen Gabyshev](#), CEARC – UVSQ/Reindeer Herder (Russia): *“Indigenous knowledge and science co-production in Siberia: documenting an indigenous science for understanding environmental norms and anomalies”*.

[Niklas Labba](#), reindeer herder (Sweden), and [Sylvie Blangy](#), CEFE (France): *“A Sameby-driven research project investigating the cumulative impacts of environmental and social change on reindeer herding and the future for Saami youth”*.

Coffee Break

15:50-16:20

MONDAY 9TH DECEMBER 2019

SESSION 3 PERMAFROST ECOSYSTEMS IN A WARMING WORLD: 16:20-18:40
INTER-DISCIPLINARY APPROACHES TO BETTER TACKLE
THE IMPACT OF HIGH-LATITUDE ALTERATIONS,

coordinated by Julien Fouché, Frédéric Bouchard and Yannick Agnan.

[Catherine Hirst](#), UCLouvain (Belgium), [S. Opfergelt](#) (Belgium), [F. Gaspard](#) (Belgium), [K.R. Hendry](#) (United Kingdom), [J.E. Hatton](#) (United Kingdom), [D. McKnight](#) (United States), [S. Welch](#) (United States) and [W.B. Lyons](#) (United States): *"Insights from Antarctica: tracing the contribution from permafrost weathering to a glacial stream"*.

[Flore Sergeant](#) and [R. Terrien](#), University of Laval (Canada): *"Arctic river streamflow records: a precious indicator to predict permafrost dynamics at a regional scale"*.

[Emmanuèle Gautier](#), University Paris I (France), [J. Cavero](#) (France), [A. Fedorov](#) (Russia), [P. Konstantinov](#) (Russia), [T. Depret](#) (France), [M. Jammet](#) (France), [C. Pont](#) (France) and [C. Vermoux](#) (France): *"Vulnerability of a permafrost-dominated river"*.

Poster Pitches:

- [Elisabeth Mauclet](#), UCLouvain (Belgium), [S. Opfergelt](#) (Belgium), [A. Monhonval](#) (Belgium), [C. Hirst](#) (Belgium), [A. Piette](#) (Belgium), [L. Debruxelles](#) (Belgium) and [E. A.G. Schuur](#) (United States): *"Effect of thawing permafrost on soil mineral element distribution: case study in Interior Alaska"*.
- [Arthur Monhonval](#), UCLouvain (Belgium), [S. Opfergelt](#) (Belgium), [E. Mauclet](#) (Belgium), [C. Hirst](#) (Belgium), [J. Strauss](#) (Germany), [G. Grosse](#) (Germany), [L. Schirmer](#) (Germany) and [P. Kuhry](#) (Sweden): *"Influence of Holocene thermokarst activities on mineral element content in Yedoma deposits"*.
- [Maxime Thomas](#), UCLouvain (Belgium), [S. Opfergelt](#) (Belgium), [A. Monhonval](#) (Belgium), [N. Bemelmans](#) (Belgium), [M. Lafrenière](#) (Canada), [J. Heslop](#) (Canada), [J. Fouché](#) (Belgium) and [T. Rochereau](#): *"Impact of modern thermokarst on mineral element release: case study in Cape Bounty, Canada"*.
- [Alienor Allain](#), Sorbonne University (France), [M. Alexis](#) (France), [Y. Agnan](#) (France/Belgium), [E. Parlanti](#) (France), [M. Sourzac](#) (France), [C. Anquetil](#) (France), [E. Aubry](#) (France), [A. Guittet](#) (France), [F. Alliot](#) (France) and [M. Castrec-Rouelle](#) (France): *"Chemical characterization of water extractable organic matter from plants: A better understanding of dissolved organic matter sources in permafrost thawing regions"*.
- [Joseph Gaudard](#), [E. Pickering Pedersen](#) and [A. Michelsen](#), University of Copenhagen (Denmark): *"Carbon ecosystem - atmosphere exchange in arctic tundra in response to environmental changes"*.

[Lara Hughes-Allen](#), Paris-Sud University (France), [F. Bouchard](#), [A. Séjourné](#), [C. Marlin](#), [F. Costard](#) and [C. Hatté](#) (France): *"Strikingly different seasonal greenhouse gas concentrations from different types of lakes in Central Yakutia"*.

[Dahédrey Payandi-Rolland](#), University of Toulouse (France), [L. S. Shirokova](#) (France/Russia), [P. Nakhle](#) (France), [A. Abdou](#) (France), [M. Tesfa](#) (France), [C. Causserand](#) (France), [B. Lartiges](#) (France), [J-L. Rols](#) (France), [F. Guérin](#) (France), [P. Bénézeth](#) (France) and [O. S. Pokrovsky](#) (France/Russia): *"Aerobic release and biodegradation of dissolved organic matter from frozen peat"*.

[Frederic Bouchard](#), Paris-Sud University (France), [Marie Alexis](#), Sorbonne University (France), [J. Fouché](#) (Belgium), [Y. Agnan](#) (Belgium), [L. Gandois](#) (France) , [A. Séjourné](#) (France) and [L. Shirokova](#): *"The interdisciplinary network on permafrost ecosystems: biochemical dynamics from soils to rivers in permafrost environments"*.

TUESDAY 10TH DECEMBER 2019

Welcome

9:00-9:30

KEYNOTE SPEAKERS, coordinated by *Ségolène Royal*

9:30-9:50

[Graham Paul](#), French Ambassador to Iceland: *"The Icelandic Chairmanship of the Arctic Council"*.

[Jean-Daniel Paris](#), LSCE (France): *"French-Russian Collaboration on Environmental Changes in Siberia"*.

TUESDAY 10TH DECEMBER 2019

SESSION 4 **NATURAL HAZARDS, HUMAN IMPACTS**, coordinated by
Armelle Decaulne.

9:50-11:40

[Olga Shadyko](#), Tomsk State University (Russia), [L. Rakhmanova](#) (Russia), [S. Kirpotin](#) (Russia) and [T. V. Callaghan](#) (Russia/United Kingdom): *"Changing land use and global warming as drivers of environmental change in the Siberian taiga: adapting forestry, hunting and fishing, and agriculture"*.

[Armelle Decaulne](#), CNRS-LETG (France), [N. Bhiry](#) (Canada) and [S. Veilleux](#) (Canada): *"Impacts of Slope Dynamics on Nunavik Communities and their Development"*.

[Anton Iantsen](#) (Russia), [Magali Vullierme](#) and [Natalia Doloisio](#), CEARC – UVSQ (France): *"Social Impacts of Permafrost Thaw in Coastal Northern Siberia"*.

[Emilie Gauthier](#), University of Bourgogne Franche-Comté (France), [V. Bichet](#) (France), [H. Richard](#) (France), [E. Masson-Maclean](#) (France), [D. Gremillet](#) (France), and [J. Fort](#) (France): *"Interactions between sea birds, climate and hunting during the last millennium. A study case at Cap Hoegh, Eastern Greenland"*.

INDIGENOUS PERFORMANCE: SIBERIAN AND INUIT

11:40-12:00

DRUM DANCE AND SONGS, by Maïa Lomovtseva-

Adukanova (Even, Kamchatka) and Uummannaq Polar Institute (Inuit, Greenland).

Lunch

12:00-13:30

TUESDAY 10TH DECEMBER 2019

SESSION 5 SAAMI AND INUIT RIGHTS: NORSIL NETWORK,

13:30 -15:30

coordinated by Dorothée Cambou.

[Mana Tugend](#), University of Akureyri (Iceland) and [Dorothée Cambou](#), University of Helsinki (Finland): “*Marine Protected Areas and Indigenous Rights: the Case of Inuit Rights*”.

[Sara Fusco](#), Ilisimatusarfik – University of Greenland and University of Akureyri (Iceland): “*The legal position of Inuit in the exploitation of natural resources in Greenland*”.

[Nana Amalie Harbo](#), University of Aarhus (Denmark): “*Navigating the legal regime for protection of the Greenlandic marine environment*”.

[Jan Mikael Lundmark](#), Durham University (United Kingdom): “*18th Century Legal Principles’ Contemporary Value for Human Rights Protection – The Case of the Nordic Sami Peoples’ Protection of Traditional Livelihood*”.

[Gunilla Larsson](#), Uppsala University (Sweden): “*Sámi Archaeology and Indigenous Rights*”.

[Ulf Mörkenstam](#), Stockholm University (Sweden): “*Indigenous peoples’ right to self-determination: perceptions of self-determination among the Sámi electorate in Sweden*”.

[Elsa Edynak](#), Rouen University Centre for Legal Studies (France): “*Indigenous Peoples in the Arctic Council*”.

[Eda Ayaydin](#), CEARC – UVSQ (France): “*Tourism in Lapland: Preservation of Indigenous Culture?*”.

Coffee Break**15:30-16:00**

TUESDAY 10TH DECEMBER 2019

SESSION 6 **REVITALIZATION OF TRADITIONAL PRACTICES AND BELIEFS RELATED TO TERRITORY IN ARCTIC AND SUB-ARCTIC CULTURES**, *coordinated by Laine Chanteloup and Fabienne Joliet.* **16:00-18:00**

[Fabienne Joliet](#), Agrocampus West Angers (France), [Laine Chanteloup](#), UNIL (Switzerland), and [Thora Herrmann](#), University of Montreal (Canada): “We, young indigenous people from Nunavik”.

[Lialko Zakharova](#), North-Eastern Federal University (Russia), and [Sergey Krivoschapkin](#), Herzen State Pedagogical University (Russia): “Teaching native (Even) and foreign language to preschool children in the conditions of nomadic life”.

[Christiane Drieux](#), LAS (France): “Greenland - The Inughuit's dogs: the qimmiq”.

E. Cohen-Bucher (Canada) and [Laine Chanteloup](#), UNIL (Switzerland): “The socio-cultural interrelations between dogs and people in the Naskapi Nation of Kawawachikamach”.

[M. M. Jocelyne Fernandez-Vest](#), CNRS – LACITO (France): “Sápmelaš, a unique multidisciplinary voice from the Arctic: 70 years of cultural change”.

[Michael Delauney](#), CEARC – UVSQ (France): “The Internet: a tool to engage in political debate and to assert the Inuit identity”.

FILM **NUNAVIK BY NUNAVIMIUT YOUTH VIDEOS**, *by Laine Chanteloup, Fabienne Joliet and Thora Herrmann.* **18:00-19:00**
SCREENING

WEDNESDAY 11TH DECEMBER 2019

Welcome

9:00-9:30

WEDNESDAY 11TH DECEMBER 2019

SESSION 7 TOWARDS IMPROVED UNDERSTANDING OF THE ARCTIC 9:30-12:00
EARTH SYSTEM AND CLIMATE CHANGE, coordinated by
Christophe Grenier.

[Andis Orsi](#), LSCE (France): *"Evidence of recent warming in Greenland"*.

[Sergei Smyshlyaev](#) and [Maria Cherepova](#), Russian State Hydrometeorological University (Russia): *"Arctic methane hydrates: local and global impact on the climate, ozone and other gases"*.

[Christophe Leroy-Dos Santos](#), LSCE (France): *"Atmospheric dynamics studies in the Arctic: the added value of water vapour isotopic composition measurement in Svalbard"*.

[Sophie Godin-Beekmann](#), LATMOS (France), [A. Pazmino](#) (France), [F. Goutail](#) (France), [A. Hauchecorne](#) (France), [C. Claud](#) (France), [F. Lefèvre](#) (France), and [J.-P. Pommereau](#) (France): *"Estimating the first signs of ozone layer recovery in the Arctic"*.

[Audrey Lecouffe](#), LATMOS (France), [S. Godin-Beekmann](#) (France), [A. Pazmino](#) (France) and [A. Hauchecorne](#) (France): *"Evolution of the stratospheric polar vortex in the Southern and Northern Hemisphere over the period 1979 – 2018"*.

[Eleonora Fossile](#), University of Angers (France), [M. P. Nardelli](#) (France), [A. Jouini](#) (France), [B. Lansard](#) (France), [A. Pusceddu](#) (Italy), [E. Michel](#) (France), [O. Peron](#) (France), [H. Howa](#) (France) and [M. Mojtahid](#) (France): *"Benthic foraminifera as tracers of brine production in the Storfjorden 'sea-ice factory'"*.

[Yannick Agnan](#), UCLouvain (Belgium), [Marie Alexis](#), Sorbonne University (France), [A. Kohli](#) (France), [É. Parlanti](#) (France), [S. Derenne](#) (France), [M. Sourzac](#) (France), [C. Anquetil](#) (France), [D. Obrist](#) (United States) and [M. Castrec-Rouelle](#) (France): *"Arctic soil organic matter under climate change: a key component for environmental processes"*.

[Madeleine Griselin](#), CNRS (France), [F. Tolle](#) (France), [S. Schiavione](#) (France), [E. Bernard](#), [J.-M. Friedt](#) (France) and [C. Marlin](#) (France): *"At the bedside of a small Spitsberg glacier: 11 years of observation in a context of climate change"*.

[Sarah Fleury](#), LEGOS (France): “Monitoring the decline of the Arctic ice pack from space”.

KEYNOTE SPEAKER

12:00-12:15

[Jérôme Chappellaz](#), Director of IPEV (France): “Pollutions in Polar areas”.

Lunch

12:15-13:30

WEDNESDAY 11TH DECEMBER 2019

SESSION 8 INDIGENOUS PEOPLES RIGHTS IN THE CONTEXT OF 13:30 - 15:30
ENERGY, CLIMATE AND ENVIRONMENTAL (IN)JUSTICES:
UARCTIC THEMATIC NETWORK ASRSR, coordinated by
Dorothee Cambou.

[Dorothee Cambou](#), University of Helsinki (Finland), and [Greg Poelzer](#), University of Saskatchewan (Canada): “Enhancing Energy justice in the Arctic: An appraisal of the participation of Arctic indigenous peoples in the transition to renewable energy”.

[Gisele M. Arruda](#), Anvivo Polar Research and Coventry University London (United Kingdom), and [S. Krutkowski](#) (United Kingdom): “Finding consensus on sustainability: decolonising the discourse and widening climate change conversations to advance the SDG agenda”.

[Karin Buhmann](#), Copenhagen Business School (Denmark): “Public participation in decision-making in natural resource usage for renewable energy: comparing experiences from the Arctic and South Africa”.

[Nina Larsson](#), Gwich'in First Nation (Canada): “Gwich'in leading the way in the transition to renewable energies in a Canadian Arctic climate”.

[Adele de Mesnard](#), University Jean Moulin Lyon 3 (France): “The right of Arctic indigenous communities to freely decide their future in the face of climate-induced relocation”.

[Jean-Pierre Desiderri](#), Paris-Saclay University (France), [Liubov Barabanskaia](#), D. Sangi and A. Sleptsov, North Eastern Federal University (Russia): “Assessing the social impact of industrial projects on the indigenous peoples of the Arctic as an instrument of social and environmental responsibility of business”.

[Odile Delfour-Samama](#), University of Nantes (France): “Can Arctic be protected by law?”.

Coffee Break

15:30-16:00

WEDNESDAY 11TH DECEMBER 2019

SESSION 9 **ARCTIC CHANGE, TRADITIONAL KNOWLEDGE AND** **16:00-18:00**
WORLD REINDEER HERDING - A SNAPSHOT OF ARCTIC
REALITIES (*community-driven session lavvu discussion*)

Participants: [Niklas Labba](#), Reindeer herder (Sweden), [Anders Oskal](#), Sámi, Association of World Reindeer Herders (Norway), [Alena Gerasimova](#), Evenki, First Vice-Chair of Association of World Reindeer Herders (Russia), [Issat Turi](#), Sámi Reindeer herder, Association of World Reindeer Herders (Norway), [Johannes Paivio](#), Sámi Reindeer herder, Sweden (Russia), [Elna Sara](#), Sámi, Association of World Reindeer Herders (Norway) and [May-Britt Öhman](#), Lule/Forest Sámi scholar, Uppsala University and Luleå University of Technology (Sweden).

Discussants: [Inger Anita Smuk](#), Sámi, Chair of Association of World Reindeer Herders (Norway), Board, [Henrik Andersson](#), Forest Sámi reindeer herder (Sweden), [Hampus Andersson](#), Sámi youth (Sweden), [Anna-Kajsa Aira](#), Sámi reindeer herder, language teacher and cultural worker (Sweden), [Semen Gabyshev](#), CEARC co-researcher/Evenki Reindeer herder (Russia), [Lars-Ander Kuhmunen](#), Sámi Reindeer herder (Sweden), [Rosa Maren Magga](#), Sámi, Association of World Reindeer Herders (Finland), [Maia Lomovtseva-Adukanova](#), Even consultant/Reindeer herder (Russia), [Svetlana Avelova](#), Evenki, Project manager, International Center for Reindeer Husbandry (Russia).

THURSDAY 12TH DECEMBER 2019

Welcome

9:00-9:30

THURSDAY 12TH DECEMBER 2019

**SESSION 10 VISIONS FOR REAL SUSTAINABLE DEVELOPMENT BASED
ON REINDEER HERDING KNOWLEDGE AND RESOURCES**

9:30-12:15

(Community-driven session lavvu discussion)

Participants: [Inger Anita Smuk](#), Sámi, Chair board of Association of World Reindeer Herders (Norway), [Niklas Labba](#), Reindeer herder (Sweden), [Anders Oskal](#), Sámi, Association of World Reindeer Herders (Norway), [Lars-Ander Kuhmunen](#), Sámi Reindeer herder (Sweden), [Rosa Maren Magga](#), Sámi, Association of World Reindeer Herders (Finland), [Semen Gabyshev](#), CEARC co-researcher/Evenki Reindeer herder (Russia), [Henrik Andersson](#), Forest Sámi reindeer herder (Sweden), [Hampus Andersson](#), Sámi youth (Sweden), [Anna-Kajsa Aira](#), Sámi reindeer herder, language teacher and cultural worker (Sweden).

[Tatyana Romanenko](#), Researcher, expert in reindeer herding and meat quality (Russia), and [Yana Voycehovskaya](#), project co-ordinator in the Nenets Autonomous District, interpreter: *"Export-oriented reindeer herding in Arctic Russia"*.

[Aline Duplaa](#) and F. Blanc, CLS (France): *"Satellite technologies to support a sustainable reindeer herding, a large-scale demonstration project in Russia"*.

Discussants: [Alena Gerasimova](#), Evenki, First Vice-Chair of Association of World Reindeer Herders (Russia), [Issat Turi](#), Sámi Reindeer herder, Association of World Reindeer Herders (Norway), [Johannes Paivio](#), Sámi Reindeer herder (Sweden), [Elna Sara](#), Sámi, Association of World Reindeer Herders (Norway), [Maia Lomovtseva-Adukanova](#), Even consultant/Reindeer herder (Russia), [Svetlana Avelova](#), Evenki, Project manager, International Center for Reindeer Husbandry (Russia)

Lunch

12:15-13:30

THURSDAY 12TH DECEMBER 2019

SESSION 12A **EDUCATION AND YOUTH: SOCIAL WORK AND WELL-BEING**, coordinated by Jean-Michel Huctin and Véronique Antomarchi. **16:00-17:00**

[Ann Andreasen](#), Uummannaq Polar Institute (Greenland), and [Jean-Michel Huctin](#), CEARC – UVSQ (France): “Child neglect and resilience of young residents from residential institutions in Greenland”.

[Ekaterina Prudkikh](#) (Russia): “A changing Arctic: the place of children from ethnically mixed families in Siberia”.

[Véronique Antomarchi](#), Paris Descartes (France): “Youth houses and the role of socio-cultural activities in Nunavik”.

[Mikael Pirak](#), Sami School in Jokkmokk (Sweden), and [Sylvie Blangy](#), CEFE (France): “Inuit Sami Youth exchange program in Baker Lake Nunavut and Jokkmokk Sweden”.

Break **17:00-17:15**

THURSDAY 12TH DECEMBER 2019

SESSION 12B **EDUCATION AND YOUTH: SCHOOLING AND TRANSMISSION**, coordinated by Jean-Michel Huctin and Ann Andreasen. **17:15-18:30**

[Carole Ferret](#), CNRS – LAS (France): “The emergence of ecology in kindergartens of the post-Soviet Sakha-Yakutia”.

[Aviaq Reimer Olsen](#), University of Greenland: “Foreign teachers and the Greenlandic students at the GUX high-school in Nuuk”.

[Aviaq Reimer Olsen](#), University of Greenland, [Jean-Michel Huctin](#), CEARC – UVSQ (France), [Véronique Antomarchi](#), Paris Descartes (France), and [Fabienne Joliet](#), Agrocampus West Angers (France): “Doing research with Inuit young and their teachers: The InterArctic projet in Nunavik and Greenland”.

[Frédéric Bouchard](#), Paris-Sud University (France), [Tania Gibéryen](#), Ministry of National Education, Children and Youth (Luxembourg), [Ylva Sjöberg](#), University of

Copenhagen (Denmark), [Julie Malenfant-Lepage](#), NTNU (Norway), and [Josefine Lenz](#), AWI (Germany): "Arctic STEAM outreach is missing indigenous input".

[Elie Pinta](#), University Paris 1 - UMR 8096 (France), C. K. Madsen (Denmark/Greenland), H. H. Harmsen (Greenland) and M. Nielsen (Greenland): "The Arctic Vikings Field School: two years of scientific collaboration and knowledge production in the UNESCO World Heritage Property of Kujataa, South Greenland".

FILM	DES FEMMES POUR UN POLE (VOSTEN) , by <i>Madeleine</i>	18:30-20:00
SCREENING	<i>Griselin.</i>	

FRIDAY 13TH DECEMBER 2019

Welcome

9:00-9:30

FRIDAY 13TH DECEMBER 2019

SESSION 13 INDIGENOUS KNOWLEDGE ABOUT CHANGES IN CLIMATE AND BIODIVERSITY AND COLLABORATION WITH SCIENCE, coordinated by *Alexandra Lavrillier* and *Alona Yefimenko*. **9:30-12:15**

[Veronica Gonzalez-Gonzalez](#), UNESCO LINKS programme (France): *“Indigenous knowledge systems and international action on environmental issues: the experience of the UNESCO LINKS programme”*.

[Sarah Cogos](#), Paris-Sud University (France): *“Forest fire and indigenous Sami land use: place names, fire dynamics and ecosystem change in Northern Scandinavia”*.

[Semen Gabyshev](#), CEARC – UVSQ/Reindeer Herder (Russia), and [Alexandra Lavrillier](#), CEARC – UVSQ (France): *“Reindeer Evenki Environmental Knowledge and the Notion of an Extreme Process”*.

[Svetlana Avelova](#): *“Predators, mining and reindeer herding in southern Yakutia: issues and solutions”*.

[Maia Lomovtseva-Adukanova](#) and [Kiriak Adukanov](#), Even consultant/reindeer herder (Russia): *“The 2019 environmental survey by Even reindeer herders in Southern Kamchatka”*.

[Alona Yefimenko](#), Indigenous Secretariat, Arctic Council (Norway): *“State of the ethical principles for the conduct of research in the Arctic”*.

[Anna Kajsa Aira](#), Reinder herder (Sweden): *“Sami perspectives on climate and industrial explorations: experiences from a reindeer herding Sijdda in Lule River, Swedish side of Sabme”*.

[Bernadette Robbe](#), CNRS (France): *“A long-lasting experience of science - indigenous collaborations in Greenland (1968-2019)”*.

Lunch

12:00-13:30

FRIDAY 13TH DECEMBER 2019

SESSION 14 LOCAL OBSERVATION AND ADAPTATION TO CLIMATE 13:30-15:10

CHANGE IN ARCTIC COMMUNITIES, *coordinated by*

Tanguy Sandré and Patrick Schembri.

[Charlotte Da Cunha](#), CEARC – UVSQ (France), I.V. Nikulkina (Russia), J-P. Vanderlinden (France), V. Shadrin (Russia), N. Doloisio (France), D. Salakhova (Russia): *“Climate change and endogenous adaptive capacity: the case of Tiksi, Sakha Republic, Russia”*.

[Jouni Jaakkola](#) and K. Näkkäläjärvi, University of Oulu (Finland): *“Primary, secondary and tertiary effects of climate change in the Arctic: Perceptions of Arctic indigenous peoples”*.

[Klemetti Näkkäläjärvi](#), J. Saijets and S. Juntunen, University of Oulu (Finland): *“Perception of climate change and cultural adaptation to the effects of climate change: A case study from Reindeer Saami communities, Saami home region, Finland”*.

[Nadia French](#), University of Birmingham (United Kingdom): *“Socioecological interactions between arctic nature and non-native population in the Russian Arctic”*.

[Liss Stender](#), [Peter Jensen](#) and [Jean-Michel Huctin](#), CEARC – UVSQ (France): *“Adaptation to environmental and cultural changes: The ARTistic science and art project in Greenland”*.

Poster Presentation: [David Chapman](#) and A. Larsson, Luleå University of Technology (Sweden): *“Climate change and human behaviour: Understanding modal choice in a rapidly urbanising Arctic”*.

Coffee Break

15:10-15:40

FRIDAY 13TH DECEMBER 2019

SESSION 15 PERSPECTIVES ON SUSTAINABILITY: TECHNOLOGICAL 15:40-17:30
DEVELOPMENT, INDUSTRIALIZATION AND
URBANIZATION, *coordinated by Ioan M. Ciomasu and*
Laura Goyhenex.

[Valery L. Mikheev](#) and [Marya Rozanova](#), Russian State Hydrometeorological University: *"Indigenous Urbanization in Russia's Arctic: Case-Study of Nenets Autonomous District"*.

[Marie-Françoise Labouz](#), UVSQ (France): *"Recent Strategy Action Plans in Canadian High North"*.

[Yvette Vaguet](#) and [Chanvoleak Ourng](#), University of Rouen (France): *"Circumpolar Settlement: dynamic in space and time"*.

[Laura Goyhenex](#), UVSQ (France): *"The Inuvik-Tuktoyaktuk Highway. Inhabit Arctic Landscapes in Times of Urbanization, Industrialization and Climate Change"*.

[Ioan M. Ciomasu](#), J-P. Vanderlinden and J-L. Vayssière, CEARC – UVSQ (France): *"CIARP: a tentative multi-scale ontology for fitting environmental, social and economic studies in the Arctic with whole-Earth sustainability models"*.

[Anna Karlsdóttir](#), Nordregio (Sweden): *"Nordic commitment to a sustainable future in the Arctic - ways to enhance scientific knowledge in the Arctic"*.

[John Lee](#), J-P. Carta and P. Keckhut, LATMOS (France): *"Building Astronaut Housing on the Moon's Polar Region Based on a Succinct IP TEK Concept"*.

CLOSING CONCLUDING TALK FROM THE ORGANIZERS AND 17:30-18:00
INDIGENOUS PEOPLES
INDIGENOUS PERFORMANCE

SIDE EVENTS**FULL WEEK****ARTISTIC EXHIBITION**

"Drawing Climate Change: Intergenerational Dialogue from Tiksi", presented by Magali Vullierme and Natalia Doloisio, CEARC – UVSQ (France).

Photograph exhibitions from science and indigenous knowledge collaboration, presented by Alexandra Lavrillier, Jean-Michel Huctin and Véronique Antomarchi (tbc).

"Climate change in Lapland - What can we do?", Stéphanie C. Lefrère, Finnish Environment Institute (Finland)[from 2 to 28 December at Mairie du 5^{ème} arrondissement].

"Gold on Ice", Bertille Gentil (France).

POSTER EXHIBITION

Poster by UVSQ Arctic Students (tbc).

Alienor Allain, Sorbonne University (France), M. Alexis (France), Y. Agnan (France/Belgium), E. Parlanti (France), M. Sourzac (France), C. Anquetil (France), E. Aubry (France), A. Guittet (France), F. Alliot (France) and M. Castrec-Rouelle (France): "Chemical characterization of water extractable organic matter from plants: A better understanding of dissolved organic matter sources in permafrost thawing regions".

Amandine Guillot, CNES (France): "The Arctic from space, a quick overview of CNES Earth Observation activities".

Antoine Séjourné, Paris-Sud University: "Describe me the country where you live: children from Siberia and France talk to each other" .

Arthur Monhonval, UCLouvain (Belgium), S. Opfergelt (Belgium), E. Mauclet (Belgium), C. Hirst (Belgium), J. Strauss (Germany), G. Grosse (Germany), L. Schirrmeister (Germany) and P. Kuhry (Sweden): "Influence of Holocene thermokarst activities on mineral element content in Yedoma deposits".

David Chapman and A. Larsson, Luleå University of Technology (Sweden): "Climate change and human behaviour: Understanding modal choice in a rapidly urbanising Arctic".

Elisabeth Mauclet, UCLouvain (Belgium), S. Opfergelt (Belgium), A. Monhonval (Belgium), C. Hirst (Belgium), A. Piette (Belgium), L. Debruxelles (Belgium) and E. A.G. Schuur (United States): "Effect of thawing permafrost on soil mineral element distribution: case study in Interior Alaska".

Frederic Bouchard, Paris-Sud University (France), Marie Alexis, Sorbonne University (France), J. Fouché (Belgium), Y. Agnan (Belgium), L. Gandois (France), A. Séjourné

(France) and L. Shirokova: *"The interdisciplinary network on permafrost ecosystems: biochemical dynamics from soils to rivers in permafrost environments"*.

Joseph Gaudard, E. Pickering Pedersen and A. Michelsen, University of Copenhagen (Denmark): *"Carbon ecosystem - atmosphere exchange in arctic tundra in response to environmental changes"*.

Julien Fouché Gembloux, AgroBioTech-ULiège (Belgium), Lisa Bröder, ETH-Zurich (Switzerland), and Catherine Hirst, UCLouvain (Belgium): *"Organo-mineral interactions from permafrost disturbances to sediment sink"*.

Kévin Rafiie (France): *"The Greenlandic school system in relation with helping children who experience social issues"*.

Liudmila Shirokova GET/N. Laverov Federal Center for Integrated Arctic Research (France/Russia), I. Ivanova (Russia), R. Manasypov (Russia), A. Chupakov (Russia), S. Iglovsky (Russia), N. Shorina (Russia), S. Zabelina (Russia), M. Gofarov (Russia), D. Payandi-Rolland (France), A. Chupakova (Russia), O. Moreva (Russia), P. Bénézeth (France) and O. Pokrovsky (France/Russia): *"The evolution of thermokarst lakes ecosystems (Bolshezemelskaya tundra) in the context of climate change and anthropogenic pressures: field observations and experimental modelling"*.

Malé Kital, Sorbonne University (France), R. Courault (France) and M. Cohen (France): *"Current and future distribution modeling of Pinus sylvestris and Betula pubescens within the reindeer herds' pastures of the Gabna community (northern Sweden)"*.

Marya Rozanova, Russian State Hydrometeorological University, and Andrey N. Petrov University of Northern Iowa (United States): *"Russia's Arctic Future Scenarios-2050"*.

Maxime Thomas, UCLouvain (Belgium), S. Opfergelt (Belgium), A. Monhonval (Belgium), N. Bemelmans (Belgium), M. Lafrenière (Canada), J. Heslop (Canada), J. Fouché (Belgium) and T. Rochereau: *"Impact of modern thermokarst on mineral element release: case study in Cape Bounty, Canada"*.

Nolwenn Peron, Sorbonne University (France), R. Courault (France) and M. Cohen (France): *"Geography of fire hazard within Swedish Lapland and three reindeer herders' communities (Gabna, Jåhkågaska tjiellde, Sirges)"*

Semen Gabyshev, CEARC – UVSQ/Reindeer Herder (Russia): *"The indigenous science of reindeer herders in Eastern Siberia"*.

Yannick Agnan, UCLouvain (Belgium), R. Courault (France), M. A. Alexis (France), T. Zanardo (France), M. Cohen (France), M. Sauvage (France) and M. Castrec-Rouelle (France): *"Metal and organic matter dynamics in permafrost environments"*.

STEERING COMMITTEE

Coordinated by Alexandra Lavrillier.

Alexandra Lavrillier (CEARC-UVSQ), Jan Borm (CEARC-UVSQ), Patrick Schembri (CEARC-UVSQ), Jean-Michel Huctin (CEARC-UVSQ), Dominique Samson (INALCO), Denis Mercier, V. Antomarchi, F. Costard (GDR AREES), Jeanne Gerhardi (LSCE), Christophe Grenier (LSCE), Tanguy Sandré (MEAE/UVSQ) and Loïc Eléloué-Valmar (MEAE).

SCIENTIFIC COMMITTEE

Claire Alix (CNRS/University Paris 1, France), Terry V. Callaghan CMG (University of Sheffield, United Kingdom ; University of Tomsk, Russia), Dorothée Cambou (Helsinki Institute of Sustainability Science, Finland), Jérôme Chappellaz (CNRS, France), Chantal Claud (OVSQ, France), Jean-Louis Etienne (France), Jérôme Fort (CNRS/INEE, France), Emmanuèle Gautier (University Paris 1, France), Semen Gabyshev (CEARC – UVSQ/reindeer herder, Russia), Alena Gerasimova (International Centre for Reindeer Husbandry, Russia), Marie-Noëlle Houssais (CNRS-INSU, France), Fabienne Joliet (Agrocampus West Angers/CNRS, France), Philippe Keckhut (LATMOS/OVSO, France), Niklas Labba (Sami reindeer herder – UiT, Norway), Kathy Law (LATMOS, France), Yvon Le Maho (University of Strasbourg, France), Cyril Moulin (CNRS-INSU, France), Anders Oksal (Sami – International Centre for Reindeer Husbandry; Association of World Reindeer Herders, Norway), Jean-Daniel Paris (LSCE, France), Yvette Vaguet (University of Rouen, France), Stéphanie Vermeersch (CNRS-INSHS, France), Alena Yefimenko (Even – Indigenous Secretariat of the Arctic Council, Norway).

The idea for the conference was based on the wishes in 2018 of Semen Gabyshev (reindeer herder and co-researcher) and the Arctic Network of OVSQ “Environment and Societies Facing Global Issues”, who wanted to bring together social and environmental scientists, Arctic indigenous peoples, and UVSQ students.