

# FACTS

French Ameri-Can Climate Talks

presents:

**November 12<sup>th</sup> 2014**

6:00PM - 8:30PM

SFU Woodward's

Vancouver



## CLIMATE CHANGE AND SOLUTIONS FROM INNOVATION

Join the talks  
before the COP21,  
Paris Climate 2015

# Program

## THE CO-ORGANIZERS



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# FACTS

## French Ameri-Can Climate Talks

Building up to the United Nations Climate Change Conference to be hosted by France in December 2015 (COP 21-Paris Climate 2015), the Embassies of France in both Canada and the United States are organizing FACTS (French Ameri-Can Climate Talks), a conference series across seven cities in the United States and Canada involving renowned scientists, civil society representatives, NGOs, political figures, journalists and entrepreneurs.

In partnership with the Simon Fraser University and Hoggan&Associates, the Embassy of France in Canada and the Consulate General of France in Vancouver are organizing a conference to discuss how green innovations can contribute to solving the climate change challenge. Whether it is for mitigating our emissions and create new consumption or transportation paths, or to help better assess and react to the threats poses by climate change, green innovations will be an important part to both fight and adapt to climate change.

# agenda

6:00pm - 8:30pm

## Conférence FACTS (French American Climate Talks) Vancouver “Climate Change and Solutions from Innovation”

### Opening session

**Michael Boucher**, SFU Goldcorp Center of the Arts

**Dr Mathieu Leporini**, French Consulate in Vancouver, Science & Technology Attaché

**Tim Lesiuk**, Climate Action Secretariat, Executive Director

**Andrea Reimer**, Vancouver City Councilor

**Jean-Christophe Fleury**, Consul General of France in Vancouver

Short film: *Climate Change - The State of Science* by IGBP, Globaia, UN Foundation

**Dr. David Suzuki**: Global environmental issues and challenges

### Panel discussion

**Valérie Masson-Delmotte**: Science basis on climate change

**Tom Pedersen**: Impact in BC and Canada, local solutions from innovation

**Daniel Zimmer**: Solutions from innovation (clean tech innovation & social innovation), positive agenda for COP21

**Mark Jaccard**: Why innovation is important, but not enough

**Corinne Lepage**: Policy perspective in France & Europe, importance of the COP21

**Andrew Weaver**: Policy perspective in Canada, implication of Canada for the COP21

Questions from Bob McDonald to the panelists

Q/A from audience and from social media

Closing remarks by Bob McDonald

# David SUZUKI



Dr. David Suzuki is a scientist, broadcaster, author, and co-founder of the David Suzuki Foundation. He is Companion to the Order of Canada and a recipient of UNESCO's Kalinga Prize for science, the United Nations Environment Program medal, the 2012 Inamori Ethics Prize, the 2009 Right Livelihood Award, and UNEP's Global 500. Dr. Suzuki is Professor Emeritus at the University of British Columbia in Vancouver and holds 28 honorary degrees from universities around the world.

He is familiar to television audiences as host of the multi-award winning long-running CBC science and natural history television series *The Nature of Things*, and to radio audiences as the original host of CBC Radio's *Quirks and Quarks*, as well as the acclaimed series *It's a Matter of Survival* and *From Naked Ape to Superspecies*.

In 1990 he co-founded with Dr. Tara Cullis, The David Suzuki Foundation to "collaborate with Canadians from all walks of life including government and business, to conserve our environment and find solutions that will create a sustainable Canada through science-based research, education and policy work."

His written work includes more than 54 books, 19 of them for children. Dr. Suzuki lives with his wife and family in Vancouver, B.C. His lifelong work echoes the mission of National Wildlife Federation; highlighting the interconnectivity between humans and nature, Dr. Suzuki and NWF are working to inspire a new generation of conservation leaders.

# Corinne LEPAGE



French politician Corinne Lepage trained as a lawyer before setting up a practice specialized in public and environmental law, where she made her name defending victims of the Amoco Cadiz oil spill in 1978. She went to defend victims of the Erika disaster in 1999 (which is still at trial). She was also a founding member of the Committee for Independent Research and Information on Genetic Engineering. In 1995, she was made Environment minister in the French government just as France was taking over the presidency of the Council. She spent two years as the head of the ministry, where her achievements included a major overhaul of the air legislation. She helped set up the prevention and precaution committee, and put in the place the first national sustainable development strategy in 1997, removed public powers from the asbestos committee, prevented the relaunch of the Superphénix nuclear project, and pushed through a moratorium on GMOs. In 2008, she oversaw a report for the French government on “Environmental Governance” which included more than 80 recommendations, with ten headline measures designed to boost French confidence in information about the environment, including proposals to improve such information, strengthen the requirements for specialist studies, and clarify responsibility for pollution, all of which was presented during the French Council presidency in 2008.

She has often acted as an expert at the European level (including on the 6th Environmental Action Programme) and was named on a UNEP list in 2006 of the ten most important women for the environment in Europe.

She teaches at the Institute of Political Studies in Paris, where she heads the sustainable development section.

In 1996 she set up a CAP 21, a think tank that subsequently turned into a political party. She stood as a candidate during the French presidential elections in 2002 as a centre-right candidate, and supported François Bayrou in 2007. She was elected to the European parliament in June 2009, where she is part of the ALDE group. She was appointed vice chair of the Committee on the Environment, Public Health and Food Safety, and is a substitute on the Committee on Industry, Research and Energy. In December 2009 and 2010, she was part of the official delegation of 15 MEPs in Copenhagen for COPCo 15, and the others delegations in Cancun, Durban, Doha and Varsaw.

In the ALDE group she is closely involved with the directives concerning GMO, IPPC, RoHS, WEEE, novel foods, information for consumers, and on themes such as climate change, the energy mix, independent appraisals, the link between health and the environment, the freedom of the web, civil liberties and fundamental freedoms.

Her knowledge of maritime matters enabled her to found the intergroup on “Seas and coastal zones” in the European Parliament, a group she has chaired since January 2010.

In March 2010, alongside some thirty figures who have served as environment ministers around the world, she set up another think tank (the association of ex-ministers of the Environment and ex-directors of international environmental organizations) to study problems concerning international ecological governance.

# Andrew WEAVER



Dr. Andrew Weaver is a Lansdowne Professor in the School of Earth and Ocean Sciences at the University of Victoria and currently serves as a Member of the Legislative Assembly for Oak Bay-Gordon Head. Prior to his election, Dr. Weaver held the Canada Research Chair in climate modelling and analysis at the University of Victoria. He has been a Lead Author on the 2nd, 3rd, 4th and 5th Intergovernmental Panel on Climate Change's scientific assessments. He has authored or coauthored over 200 peer-reviewed, scientific papers and was the Chief Editor of the *Journal of Climate* from 2005-2009. Dr. Weaver is a Fellow of the Royal Society of Canada, Canadian Meteorological and Oceanographic Society, the American Meteorological Society and the American Association for the Advancement of Science. Over the years he has received numerous awards including the E.W.R. NSERC Steacie Fellowship in 1997, the Killam Research Fellowship and a CIAR Young Explorers award as one of the top 20 scientists in Canada under the age of 40 in 2002, the CMOS President's Prize in 2007, a Guggenheim fellowship in 2008 and the Royal Society of Canada Miroslaw Romanowski Medal and the A.G. Huntsman Award for Excellence in Marine Science in 2011. In 2008 he was appointed to the Order of British Columbia and in 2013 he was awarded a Queen's Diamond Jubilee Medal.

# Valérie MASSON DELMOTTE



Valerie Masson-Delmotte, 43, is senior scientist in a French climate research center. Her research has been dedicated to the documentation and understanding of past climate and water cycle variability, using measurements performed on natural climate archives (ice cores, tree rings) and simulations. With strong international collaborations, she has co-authored numerous scientific publications, acknowledged by several research prizes (such as “Woman Scientist of year 2013 in France”). She was a coordinating lead author of the paleoclimate chapter in IPCC AR5 and has also published several outreach books for children and for the general public. Since 2014, she is a member of the French Research Strategic Council.



# Mark JACCARD

Mark has been professor in the School of Resource and Environmental Management at Simon Fraser University, Vancouver, since 1986, with one interruption from 1992-97 while he served as Chair and CEO of the British Columbia Utilities Commission. His PhD is from the Energy Economics and Policy Institute at the University of Grenoble.

Mark contributed to the Intergovernmental Panel on Climate Change in the 1990s and as an author on its 2011 Special Report on Renewables. He served for over a decade as an international expert with the China Council for International Cooperation on Environment and Development, including co-chairing the 2009 task force on sustainable use of coal, which reported directly to the Chinese premier.

In the period 2007-2012, he served as convening lead author for sustainable energy policy with the Global Energy Assessment.

With over 100 academic publications, he was named a fellow of the Royal Society of Canada in 2009, largely for his career research into the design and application of energy-economy models to assess the effectiveness and cost of sustainable energy policies. He advises energy and environment policy makers around the world.



# Daniel ZIMMER

Director of Innovation at “Knowledge Innovation Community- Climate”, European Institute of Technology, France.

Daniel Zimmer has a background in Agricultural Engineering and in Hydrology. He graduated from the French “Institut National d’Agronomie”, today AgroParisTech, in Paris and completed a PhD in Hydrology at Paris VI, Pierre and Marie Curie University. He spent the first 15 years of his career at Cemagref, the French Agricultural and Environmental Engineering Research Centre (today IRSTEA). He started there as a researcher and became successively Head of a Research Unit dealing with water and waste management and Deputy Head of the Department on Water and Environmental Engineering. He also gained there a large international experience through projects and consultancy activities.

D. Zimmer became then for 8 years the Director of the World Water Council, a global umbrella organisation for all sectors and actors of the water community. He contributed to the development of this institution and to its flagship event, the World Water Forum that involves all water stakeholders, from water practitioners to Heads of State. He also organised Ministerial conferences and conducted important global projects in particular on financial issues, disaster prevention and climate change impacts on water.



# Tom PEDERSEN

Dr. Thomas Pedersen was appointed Director of the Pacific Institute for Climate Solutions beginning September 1, 2009.

His previous positions included dean of science (2003-2009) and director of the School of Earth and Ocean Sciences at the University of Victoria (2002-2003), and associate dean, research, for the Faculty of Graduate Studies at the University of British Columbia (2000-mid 2002).

Pedersen holds a degree in geology from UBC and a PhD in marine geochemistry from the University of Edinburgh.

He is also a fellow of the Royal Society of Canada and a fellow of the American Geophysical Union.

He is an internationally recognized authority on ocean chemistry, has published extensively in the field of paleoceanography, and has longstanding interests in climate change issues and the application of government policy to climate-change mitigation and adaptation.

# Bob McDONALD



Loved by audiences across Canada for making complex scientific issues understandable and meaningful, Bob McDonald is in high demand. A fixture in broadcasting for more than 30 years, he is currently the host of CBC Radio's Quirks & Quarks—the award-winning science program that is heard by 500,000 people each week—and is the author of numerous bestselling books.

In addition to hosting Quirks & Quarks, McDonald is a regular reporter for CBC TV's The National and host of the children's series Head's Up. As a writer, he has authored three bestselling science books, and contributed to numerous textbooks, magazines, and newspapers (including The Globe and Mail). His latest book is Measuring the Earth with a Stick with a new book, Canadian Space Walkers, to be released in October.

McDonald has been honoured for his outstanding contribution to the promotion of science within Canada. He is an Officer of the Order of Canada and a recipient of the Queens Jubilee Medal. " He has been awarded the Michael Smith Award" from the Natural Sciences and Engineering Research Council, the "Sir Sanford Fleming Medal" from the Royal Canadian Institute, and the "McNeil Medal" from The Royal Society of Canada. He also won a 2008 Gemini Award for "Best Host in a Pre-School, Children's or Youth Program or Series."

He holds eight honorary doctorates from Canadian universities.

# Join the talks!

**On Twitter:  
#FrenchAmeriCanClimateTalks**

**Visit FACTS global platform website:  
[facts.france-science.org](http://facts.france-science.org)**

**The conference will be recorded and  
webcasted live:  
[http://www.sfu.ca/webcast/  
event/465/live.html](http://www.sfu.ca/webcast/event/465/live.html)**

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# ROAD TO THE COP21

## PARIS, 2015

