Agenda for Online Conference on May 18 and May 19, 2021:
Impacts of Climate Change on Human Security: What can be done?

An Online Conference About Climate Change, Human Security, Climate Solutions and Finance

Climate Solutions Advancement Network (ClimateSAN), which is a project of Think Renewables Group (TRG), is hosting a conference about climate, security, solutions and finance in conjunction with the Nato Association of Canada and the Modern War Institute (MWI) at West Point.

This conference will focus on the impacts of climate change on human security, the need for large scale action to mitigate these impacts. Then it will focus on technologies and finance initiatives that can facilitate this action on a large scale.

A. Online Conference Outline - Day 1 (May 18)

Segment 0: Welcoming everyone, keynote speech and outline scope of event:

The first segment of the event would be designed to outline the scope of the climate change program including the expected impacts of climate change on human security.

8:30 am – 8:41 am EDT

a) Welcoming address by Colonel Mark Read, Head of Dept of Geography and Environmental Engineering, US Military Academy West Point:

- Welcomes everyone.
- Provides an overview of the conference.
- Introduces the Conference Moderator: Dr. Sweta Chakraborty, US Representative, We Don't Have Time.

b) Conference Moderator explains some housekeeping details of the conference and then highlights the co-sponsors of this conference:

- Climate Solutions Advancement Network (ClimateSAN)
- Modern War Institute at West Point
- NATO Association of Canada

As well as the financial sponsors of this conference:

- Think Renewables Group
- Next Hydrogen

c) The Conference Moderator introduces the Chairperson of the Conference: Paul Stevers, President and CEO, Think Renewables Group & Co-Founder of Climate Solutions Advancement Network (ClimateSAN).

d) Chairperson of Conference outlines the why we brought together experts on climate change, human security, climate solutions and global finance to help build broad-based support for action on a global scale. He will then illustrate the current warming trend and some reasons why we are on this trend. To do so, he will show a 2 min video about "Current Climate Warming Trend and Expected Impacts").

8:41 am – 9:30 am EDT

e) Conference Moderator introduces keynote speakers:

i) The Honorable Sherri Goodman is Secretary General of the International Military Council on Climate and Security (IMCCS), Chair of the Board at the Council on Strategic Risks, Senior Strategist and Advisory Board member at the Center for Climate and Security, Former Deputy Undersecretary of Defense (Environmental Security).
ii) James Grabert, Director, Mitigation Division, United Nations Climate Change Secretariat, Bonn, Germany could speak about the urgent need for action on climate change.
iii) Prof. Michael Klare, Senior Visiting Fellow with the Arms Control Association and Professor Emeritus of Peace & World Security Studies, Hampshire College. He is an advocate for how security experts can help "bridge the gap between believers and doubters".
iv) James Bezan, MP, Conservative Shadow Minister for National Defence and the Vice-Chair of the House of Commons Standing Committee on National Defence.

9:30 am – 9:31 am EDT

f) Conference moderator mentions that the next two sessions include several speakers from these two key organizations:

- International Military Council on Climate and Security (IMCCS)
- The Centre for Climate and Security, Washington, D.C.

Segment 1: Outlining the scope of the problem and urgent need for action:

9:31 am – 10:30 am EDT
a) Highlights of The World Climate and Security Report 2020 report by speakers from the Expert Group of the International Military Council on Climate and Security (IMCCS), which includes:

i) Moderator: General Tom Middendorp (Ret.), Chair, International Military Council on Climate and Security (IMCCS)
ii) Captain Steve Brock, U.S. Navy (Ret), Chief of Staff, Senior Advisor, The Center for Climate and Security
iii) Erin Sikorsky, Director, International Military Council on Climate and Security (IMCCS) and Deputy Director, Center for Climate and Security
iv) Rachel Fleishman, Senior Fellow for Asia-Pacific, CCS, The Center for Climate and Security

v) Dr. Benjamin Pohl, Head of Programme, Climate Diplomacy and Security, Adelphi

(*Moderator to provide some context about the "The World Climate and Security Report Series and introduces each panels - 7 min. Then each speaker talks for 7 min. and remainder is Q & A*)

Note: After the above report was released, related reports that are part of the "World Climate and Security Report 2020" briefer series have been issued. Given below are links these related reports:

i) Climate Security and the Strategic Energy Pathway in South Asia, February 2021.
ii) Climate Security and the Strategic Energy Pathway in Southeast Asia, February 2021.
iii) Climate and Security in Brazil, November 2020.
iv) Climate and Security in the Indo-Asia Pacific, July 2020.

10:30 am – 11:15 am EDT

b) Confronting Climate Security Risks: Proposals for the Biden Administration

i) Conference and Session Moderator: Dr. Sweta Chakraborty, US Representative, We Don't Have Time.
ii) Hon. John Conger, Director, Center for Climate and Security; Former Principal Deputy Undersecretary of Defense [Comptroller]
iii) Joan VanDervort, Former Deputy Director, Ranges, Sea and Airspace, Office of the Deputy Assistant Secretary of Defense (Readiness), Advisory Board Member, The Center for Climate and Security
iv) Captain Steve Brock, U.S. Navy (Ret), Chief of Staff, Senior Advisor, The Center for Climate and Security

(*Moderator to provide some context about this session and and introduces each panelist - 7 min. Then each speaker talks for 8 min. and remainder is Q & A*)

Note: The session relates to these four recent reports:

- "Confronting Systemic Security Risks: Proposals for the Next U.S. Administration," The Council on Strategic Risks, October 2020. Authored by Christine Parthemore, John Conger, Francesco Femia and Kate Guy.

- "Security Threat Assessment of Global Climate Change" report by the National Security, Military and Intelligence Panel (NSMIP) on Climate Change.

- "A Climate Security Plan for America" report by the Climate and Security Advisory Group (CSAG) at The Centre for Climate and Security.

- Climate 21 Memo for the Department of Defense by the Climate 21 Project, Authored by Captain Steve Brock, U.S. Navy (Ret), Chief of Staff, Senior Advisor, The Center for Climate and Security, former Director, National Security Council and Deborah Loomis, CDR, U.S. Navy (Ret.).

11:15 am to 11:30 am EDT

c) NATO Session

i) "Tackling Climate Change: What Role for NATO?" by Michael Ruehle, Head of Hybrid Challenges and Energy Security Section of the Emerging Security Challenges Division of NATO HQ

11:30 am – 12:15 pm EDT

d) Educating America's Future Leaders: Climate Change Impacts, Education, and Vulnerability

i) Moderator and Facilitator: Dr. Leif Rosenberger, Adjunct Scholar, Modern War Institute, West Point and Co-Sponsor, ClimateSAN
ii) Azimuth check: How climate change will impact the natural environment by Dr. Adam Kalkstein, Professor of Geography, US Military Academy WestPoint
iii) U.S. Army Education and Training for Climate Change by Colonel Mark Read, Head of Dept of Geography and Environmental Engineering, US Military Academy West Point.
iv) A Framework for Environmental Security by Dr. Amy Richmond, Professor of Geography, US Military Academy West Point.

(*Moderator to provide some context about this session and and introduces each panelist - 5 min. Then each speaker talks for 8 min. and remainder is Q & A*)

12:15 pm – 12:45 pm EDT - Lunch

12:45 pm – 1:30 pm EDT

e) Canada and the Arctic: Climate Change and Security

i) Moderator and Facilitator: Dr. Max Margulies, Assistant Professor, International Affairs, Modern War Institute, West Point
ii) A Climate Security Plan for Canada by Hon. John Conger, Center for Climate and Security.
iii) Dept. of Defence Climate Related Security Policies by Peter Hammerschmidt, ADM Minister (Policy), Canadian Department of National Defence.
iv) Russia's polar strategy by Heather A. Conley, Senior Vice President, Europe, Eurasia and the Arctic, Director of the Europe, Russia, and Eurasia Program, Center for Strategic and International Studies (CSIS).

(*Moderator to provide some context about this session and and introduces each panelist - 5 min. Then each speaker talks for 8 min. and remainder is Q & A*)

1:30 pm to 2:15 pm EDT

Segment 2: Strategies to mitigate conflicts, build stability and accelerate action

a) Moderator: Dr. Sweta Chakraborty, US Representative, We Don't Have Time
b) Operationalizing Data for Climate Action: Leveraging the Government-Industry-Academia Triad to Empower, and Embolden the World! by Barry Tilton, Director at IEEE and Maxar Technology Evangelist, Maxar and COL. Shannon O'Harren, Air Force Reserve Colonel, Department of the Air Force, United States Forces Korea and National Security Group, Oracle America, Oracle.
c) Increasing Security Though International Cooperation by Robert Baines, President and Chief Executive Officer, NATO Association of Canada
d) Mobilizing Canada for the Climate Emergency by Seth Klein, Climate Emergency Unit, David Suzuki Institute & adjunct professor at Simon Fraser University.

(*Moderator to provide some context about this session and and introduces each panelist - 5 min. Then each speaker talks for 8 min. and remainder is Q & A*)

2:15 – 3:15 pm EDT

Segment 3: Highlighting Climate Solutions That Can Be Implemented on a Global Scale

This segment will be focused on technologies that can help the world rise to the challenge on climate change. In addition to giving audiences hope that it is possible to adequately mitigate climate change, it may motivate them to support bold action in order to do so.

There are a wide range of solutions that mitigate or adapt to climate change (Climate Solutions) that can be implemented on a global scale. This set of presentations will only focus on Climate Solutions that mitigate climate change.

For more information, see: Climate Solutions That Can Be Implemented on a Global Scale (or ClimateSAN.org/csg).

Presentations:

a) Session Moderator: Paul Stevers, President and CEO, Think Renewables Group and Co-founder, ClimateSAN.
b) Scaling-up solar energy around the world by Gianni Chianetta, CEO, Global Solar Council.
c) Opportunity to rapidly expand the hydrogen economy by Daryl Wilson, Executive Director, Hydrogen Council.
d) Nature based solutions: Regenerative Agriculture and the Soil Carbon Solution by Dr. Andrew Smith, Chief Operating Officer/Chief Scientist, Rodale Institute.

e) Opportunity for mass reforestation with tree planting by drone technology by Angelique Ahlstrom, Flash Forest.
f) Opportunity for Blue Hydrogen on a global scale, Danielle Smith, President, Alberta Enterprise Group
g) A comprehensive guide to global climate solutions by Bjørnar Egede-Nissen, Co-Chair, Drawdown Toronto. To view a comprehensive solutions guide, see: LINK.

(*Moderator to provide some context about this session and and introduces each panelist - 7 min. Then each speaker talks for 7 min. and remainder is Q & A*)

3:15 pm – 3:30 pm EDT Break

3:30 pm – 4:00 pm EDT

Segment 4: Financing Climate Action on a Global Scale:

a) Moderator: Paul Stevers, President and CEO, Think Renewables Group and Co-founder, Climate Solutions Advancement Network (ClimateSAN).
b) Introduce the proposed International Platform for Climate Finance (IPCF) (which is intended to mobilize at least $1 trillion of new investment capital every year for the next 15 years to help put the world on the path for a net-zero transition) by Steve Waygood from Aviva's Investors.
c) Introduce the The Glasgow Financial Alliance for Net Zero (GFANZ) and the role of the UNEP Financial Initiative (FI) by Layalee Ramahi, North America Network Coordinator, United Nations Environment Programme Finance Initiative (UNEP FI).

(*Moderator to provide some context about this session and and introduces each panelist - 5 min. Then each speaker talks for __ min. and remainder is Q & A*)

4:00 pm - 4:15 pm EDT

Segment 5: Closing of Day 1 including call to action:

a) Conference Chairperson (Paul Stevers) to provide an overview of the day's discussions and follow-up to the keynote speech about why both conservatives and liberals need to join together to implement bold and adequate action on climate change.

B. Conference Sessions Planned for Day 2 (May 19):

12:00 pm - 1:00 pm EDT

Segment 1: Reducing Investment Risks to Increase Private Climate Finance in Africa

a) Moderator: Paul Stevers, President and CEO, Think Renewables Group and Co-founder, Climate Solutions Advancement Network (ClimateSAN).

b) “Online Project Finance Platforms” by Shahdab Qadri, Communications and Sustainable Finance Advisor, ClimateSAN.

c) "Blended Finance 201, with a focus on finance solutions for climate” by Chris Clubb, Managing Director, Convergence

d) “Strategies to de-risk proposed investments” and “How Impact Funds can reduce the risk of investing for individual investors and large investment funds” by: Serge LeVert-Chiasson, Partner, MD Impact & CCO, Sarona Asset Management, Kitchener, ON, Canada.

e) “How PFAN’s advisory and investment facilitation services reduce investment risks” by Albert Boateng, West Africa Regional Coordinator, Private Financing Advisory Network (PFAN), Accra, Ghana.

Proposed speaking durations:

Moderator - 6 min.
Shahdab - 5 min.
Chris Clubb, Serge LeVert-Chiasson, Albert Boating - 10 Min.
Q&A - 18 min .
Closing - 1 min.

1:00 pm - 1:20 pm EDT

Segment 2: Preview of future event about an opportunity for "Comprehensive Climate Action in Nigeria"

a) Paul Stevers, President and CEO, Think Renewables Group and Co-founder, Climate Solutions Advancement Network (ClimateSAN).

b) Dr. Paul C. Abolo, President, Ecologistics, Abuja, Nigeria