



**Thresholds and Closing Windows:
Risks of Irreversible Cryosphere Climate Change at Current INDCs**
Wednesday December 9, 11:30-13:00, Observer Room 04
Buffet Following

- 11:30 Welcome: Pam Pearson, Director ICCI and Dr. Max Holmes, Senior Scientist, Woods Hole Research Center**
- 11:35 Opening: The Threat of Irreversible Cryosphere Thresholds**
Prof. Jean-Pascal van Ypersele, former IPCC Vice-Chair
- 11:40 Ice Sheets: Awakening Giants and Risks of Committed SLR at Current INDCs**
Dr. Anders Levermann, Potsdam Institute for Climate Impact Research and AR5 Lead Author – Sea Level Change
- 11:50 Mountain Glaciers: First Irreversible Signs**
Dr. Georg Kaser, University of Innsbruck and AR5 Lead Author - Cryosphere
- 12:00 Permafrost: the Frozen Amplifier**
Dr. Susan Natali, Woods Hole Research Center and co-author of *Nature* April 9 Consensus Paper
- 12:10 Arctic Sea Ice: Earth's Failing Refrigerator**
Dr. Dirk Notz, Max Planck Institute for Meteorology
- 12:20 Polar Ocean Acidification: Loss of Fisheries and Ecosystems**
Dr. Richard Bellerby, Lead Author, Arctic Council-AMAP Assessment on Ocean Acidification (tbc)
- 12:30 Responding to What the Science Tells Us:**
Dr. Joseph Alcamo, Science Advisor to the UNFCCC Executive Secretary
- 12:35 Panel Discussion/Q&A: Scientists, Invited Ministers and Guests**

Organized by the International Cryosphere Climate Initiative (ICCI) Woods Hole Research Center and Climate Policy Center
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