

Bi-Weekly Webinar Series March 2 – July 31, 2022

Our Warming Planet: Climate Change Impacts and Adaptation

*The bi-weekly webinars will present lectures on key adaptation topics by renowned scholars
(order is subject to change)*

INTRODUCTION

- Observed and projected climate change – David Rind (NASA GISS, USA)

METHODS AND APPROACHES

- Methods for impacts and adaptation assessment – Tim Carter (Finnish Environment Institute)
- Assessing global impacts – Nigel Arnell (University of Reading, UK)
- Regional and local downscaling for impact assessment – Linda Mearns (NCAR, USA)
- Effects of and adaptation to extremes – Roger Pulwarty (NOAA, USA)
- Community-based adaptation Feisal Rahman and Saleemul Huq – (Independent University, Bangladesh)

IMPACTS ON SECTORS

- Biodiversity – Pam Berry (University of Oxford, UK)
- Sea-level rise and coastal flooding – Robert Nicholls (University of East Anglia, UK)
- Water resources – Joseph Alcamo (University of Sussex, UK)
- Food and agriculture – John Porter (University of Copenhagen, Denmark)
- Margins of agriculture and human settlements – William Travis (University of Colorado, USA)
- Cities – Cynthia Rosenzweig (NASA GISS, USA)

EFFECTS ON DIFFERENT REGIONS AND COUNTRIES

- Pacific Islands – John Hay (University of South Pacific, Cook Islands)
- The Caribbean – Leonard Nurse (University of West Indies, Barbados)
- Africa – Coleen Vogel and Gina Ziervogel (Universities of Witwatersrand and Cape Town, South Africa)
- The Amazon – Carlos Nobre and Ailton Fabricio-Neto (University of Sao Paulo and UFES, Brazil)
- Europe – Paula Harrison (UK Centre for Ecology & Hydrology, UK)
- USA – Joel Smith (Independent scholar, Boulder, USA)
- Japan – Nobuo Mimura and Yasuaki Hijioka (Ibaraki University and National Institute for Environmental Studies, Ibaraki, Japan)
- Biodiversity hotspots (South Africa) – Guy Midgley (University of Stellenbosch, South Africa)

POLICY AND PRACTICE

- Role of science assessments – Richard Moss (Princeton University, USA)
- Early warning and forecast-based financing – Olivia Warrick, Knud Falk, Irene Amuron and Catalina Jamie (Red Cross Climate Centre, Netherlands)
- Risk approaches in IPCC assessments – Gary Yohe, Richard Richels and Henry Jacoby (Wesleyan University, EPRI and MIT, USA)
- Documenting uptake of adaptation – Ying Wang, Maarten Kappelle and Jian Liu (UNEP, Kenya)
- Adaptation to climate change – Thea Dickinson and Ian Burton (University of Toronto, Canada)

CONCLUSIONS

- Major themes and emerging directions – Cynthia Rosenzweig (NASA GISS, USA), Martin Parry (Imperial College London, UK) and Manishka De Mel (Columbia University, USA)