



PRELIMINARY PROGRAMME GUIDE

PLASTIC WASTE WORKSHOP, APRIL 19, 2024

Harbour Centre (HCC) 1505, 9:30-16:30

HCC 7000 and Zoom, 16:30-18:30

Opening Remarks (via Zoom), 9:30-9:45

Dr. Naomi Krogman, Dean, SFU Faculty of Environment

GLOBAL FOCUS, 9:45-12:15, ROOM 1505

- Moderator, Andy Hira, SFU
- Padmakshi Rana, Fablab Kathmandu, *Plastic Upcycling Business Incubation in Nepal*
- Andrew Wright, Willow Grove Foundation and SFU, *Plastic Waste Issues on Small Island States*
- Rosalind Malcolm, University of Surrey, *Lifecycle*

- Henrique Pacini, UN Conference on Trade and Development (UNCTAD), *The Global Plastic Waste Treaty*
- Curie Park, University of Cambridge, *Plastic Upcycling for Housing and the Policy Opportunities in Himalaya*
- Stephen Evans, University of Cambridge, *Plastics, Circularity and Disruptive Futures*

*12 minute presentations followed by 5 minutes of discussion, then open discussion.

VANCOUVER FOCUS, 13:45-16:00, ROOM 1505

- Moderator, Andy Hira, SFU
- Rishi Gupta, University of Victoria, *Upcycling waste plastic for constructing resilient infrastructure*
- Bob Paul, E5 Solutions, *Tackling Plastic Pollution in Small Island Developing States with application of Extended Producer Responsibility: A focus on the Caribbean Islands and applying BC's Experience with EPR*
- Peter Ross, Raincoast Healthy Waters Programme, *The transitional journey from plastics to microplastics in the environment: the emergence of a global conservation concern*
- Qingshi Tu, UBC, *Understanding the paths and challenges of plastics recycling through material flow analysis*
- Mark McLaughlin, SFU, *Re-Use for Good: Simon Fraser University's Leadership in Eliminating Single-Use Plastics from Campus Operations*
- Clair Lloyd, Government of BC, *The Role of Government in Reducing Plastic Waste*

*12 minute presentations followed by 5 minutes of discussion, then open discussion.

PUBLIC FORUM, 16:30-18:30, ROOM 7000

- Moderator, Andy Hira
- Rosalind Malcolm, University of Surrey
- Henrique Pacini, UNCTAD
- Rishi Gupta, University of Victoria

- Clair Lloyd, Ministry of Environment and Climate Change Strategy, B.C. Government
- Bob Paul, E5 Solutions
- Peter Ross, Raincoast Healthy Waters Programme
- Mark McLaughlin and Rita Steele, SFU
- Curie Park, University of Cambridge

*10 minute presentations followed by Q&A

ABOUT OUR PANELISTS

Naomi Krogman is the Dean of the Faculty of the Environment at SFU. Prior to joining SFU, she spent 22 years as an environmental sociology professor at the University of Alberta. She also held leadership positions during her last 7 years there including Associate Dean of the Faculty of Graduate Studies and the Director of Sustainability Scholarship and Education. Her research areas include the future of sustainability scholarship in higher education, sustainable consumption, and how to incorporate vulnerable peoples into sustainability planning. She is also interested in pursuing research on changing humanitarian aid in light of climate-related disruptions.

Andy Hira is the Chair and Professor of Political Science at Simon Fraser University. He is also the Director of the Clean Energy Research Group, which produces policy papers and consults with local community groups around climate change and sustainability.

Henrique Pacini is a Ph.D economist from KTH Sweden. He works at the UN Conference on Trade and Development as an economist and programme lead. His current portfolio focuses on the circular economy, including managing UNCTAD's part of the SMEP programme.

Curie Park is a Research Associate for industrial sustainability at the Institute for Manufacturing at the University of Cambridge. Dr. Park also serves as an adjunct professor at Korea University Graduate School in South Korea. As a product designer by training, she previously worked as an entrepreneur in the fashion industry. Her focus is on innovation mechanisms for sustainability challenges overarching cross-sectorial applications in the textile, food, plastic, agriculture and forestry industries. She heads up the SMEP plastic waste project in Nepal, after completing several circular economy business research projects in Thailand and the UK.

Stephen Evans is the Director of Research in Industrial Sustainability at the University of Cambridge. Stephen is also a Professor in Cranfield School of Management and at the Royal College of Art, and a co-founder of multiple clean start-ups that has supported various governments in their transition towards a sustainable industrial system, including as Specialist Advisor to the House of Lords in the UK.

Padmakshi Rana is the Executive Director and Co-founder of Impact Hub Kathmandu. She co-founded a sustainability-led innovation consultancy-The Inceptery, and did a short spell in writing with Eco-Business, while based in Singapore. During her time in England, she was a research associate at the Institute for Manufacturing, University of Cambridge.

Qingshi Tu (UBC), Assistant Professor of Industrial Ecology, has a strong track record of life cycle assessment (LCA) research on a variety of topics. Dr. Tu is particularly interested in developing decarbonization strategies that focus on the nexus between socio-economic behaviors and technological advancement.

Rishi Gupta is a Professor in the Department of Civil Engineering at the University of Victoria (UVic). He has previously served as the special advisor to the Dean: Equity, Diversity and Inclusion (EDI). He is currently the director of the Center for Advanced Materials and Related Technology (CAMTEC). He leads the Facility for Innovative Materials and Infrastructure Monitoring (FIMIM) at UVic. His industry experience includes working as the Director of Research of Octaform Systems Inc. in Vancouver.

Bob Paul is the Executive Director of E5 Solutions consulting firm which is focused on ways to promote circular economies through industrial symbiosis. He is currently working with Caribbean states on the issue of plastic waste and is also the head of the international society for industrial ecology, run through UVic.

Rosalind Malcolm is Professor of Law and a barrister at the School of Law and Director of the Environmental Regulatory Research Group, both based at the University of Surrey, UK, as well as co-Director of the Governing Plastics Network. Rosalind has published widely (including monographs, co-authored books, and in peer-reviewed journals, including, the Journal of Environmental Law, European Energy and Environmental Law Review, Resources) and been involved in the guest editing of a number of journals, including Journal of Cleaner Production, the Journal of Property, Planning and Environmental Law, and Social Sciences.

Peter Ross is Senior Scientist and Director of the new Raincoast Healthy Waters program. Dr. Ross is an internationally recognized ocean pollution expert, having

published over 160 scientific articles and book chapters on pollutants of concern, and impacts on fish, seals and whales. Dr. Ross is an Adjunct Professor at UBC Department of Earth, Ocean and Atmospheric Sciences, and at the UVic School for Environmental Studies.

Andrew S. Wright is an Adjunct Professor at the Faculty of the Environment at SFU and a member of the Delta E group at the School for Sustainable Engineering. He is the Executive Director of the Willow Grove Foundation. Dr. Wright was a spearhead in developing the Great Bear Rainforest Agreement, and efforts to better manage salmon aquaculture in BC. Dr. Wright is active in the Island Conservation foundation, which seeks to preserve and maintain small islands' eco-systems. He has published several books on conservation, including 2 exhibits at Science World around projects.

Mark McLaughlin oversees the various commercial units across SFU campuses in Burnaby, Vancouver, and Surrey focusing on the student experience and campus vibrancy. He played a pivotal role in SFU achieving its Fair Trade Campus designation in 2012 and becoming Canada's first and only Gold Fair Trade Campus in 2020. As the founding chair of SFU's Sustainable Mobility Advisory Committee (SMAC), Mark addressed challenges related to active transportation and mobility, furthering SFU's commitment to sustainability.

Rita Steele was the founding chair of the Circular Economy Working Group at SFU from 2021-2022, supported the team that spearheaded the plastic bottle ban at SFU, co-launched SFU's Recyclopeda, and continues to work on waste reduction efforts through SFU's Strategic Sustainability Plan. Rita is also an instructor with SFU Continuing Studies' new Climate Action Certificate Program—launched to support professionals to enhance their climate change skills and knowledge.

Clair Lloyd is a Senior Policy Analyst with the Ministry of Environment and Climate Change Strategy. Clair was also seconded to the Department of Environment, Farming and Rural Affairs to support drafting of England's first national waste prevention strategy. Clair currently sits, for B.C., on the federal, provincial and territorial Waste Reduction and Recovery Committee under the Canadian Council of Ministers of the Environment and was co-chair from 2020-2022.

We would like to acknowledge SFU's Vice-President, Research and Innovation (VPRi), Faculty of Arts and Social Sciences (FASS) and Clean Energy Research Group (CERG) for sponsoring this event.

CANADA'S ENGAGED

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GLOBAL PLASTIC WASTE WORKSHOP



SFU