# WHO-WIPO-WTO Trilateral Symposium on Human Health and Climate Change

14 November 2023 | 11:00-12:00 | 12:45-16:00







**Session I: Opening** 

Dr. Tedros Ghebreyesus, WHO Director-General

Dr. Ngozi Okonjo-Iweala, WTO Director-General

Mr. Daren Tang, WIPO Director-General











**Mr. Ambrosio Yobanolo del Rea**, Vice-Chair Technology Executive Committee of the UNFCCC

With over 10 years of experience in the field of climate change and sustainability, Ambrosio Yobánolo serves as the Vice Chair of the Technology Executive Committee (TEC) of the UNFCCC. In this role, he co-leads several working groups. As TEC Vice Chair, Ambrosio is also a member of the Advisory Board of the Climate Technology Centre and Network (CTCN).

Since 2016, Ambrosio has been the lead on technology for the Chilean delegation at COP, and has co-coordinated the G77+China on technological issues in recent negotiation sessions.

At the national level, Ambrosio Yobánolo holds the position of Deputy Director in charge of Planning and Control Management at the Sustainability and Climate Change Agency of Chile (ASCC). He manages the sub-directorate responsible for designing and implementing evaluation and control systems for voluntary agreements between government and industry. Additionally, the sub-directorate leads the institutional modernization process in digital transformation, information systems, and quality system management. The sub-directorate also operationalises the role of UNFCCC National Designated Entity on technology that the ASCC holds







Session II: The impact of climate change on human health

**Dr. Yukiko Nakatani**, WHO Assistant Director General on Access to Medicines and Health Products Division WHO ADG

**Dr. Maria Neira**, WHO's Director of the Department of Environment, Climate Change and Health

Minister Muhammad Irfan Aslam, Minister of Water Resources and Climate Change, Pakistan











Dr. Maria Guevara is the current International Medical Secretary for Médecins Sans Frontières (MSF)/Doctors Without Borders. Previous to this, she was the Senior Advisor on Global Health from 2018 to 2020 and Senior Coordinator for Attacks on Healthcare from 2017 to 2018. From 2012 to 2017, she held the position of MSF Regional Humanitarian Representative in Asia, during which time she served as a member of the Advisory Group on Reform of WHO's Work in Outbreaks and Emergencies with Health and Humanitarian Consequences in 2015. She is also a SAFE STEPS First Aid Ambassador for a collaborative pan-Asia program to promote awareness and increase knowledge of first aid skills across the region. Her recent nominative appointments include being a member of the WHO led Independent Allocation of Vaccines Group (IAVG) and Advisory Group of Sunway Centre for Planetary Health.

Her work in the humanitarian sector began with MSF in Liberia in 2004. Since then she has held field roles in Guatemala, Haiti, DRC, Nigeria, Myanmar, Philippines, Indonesia, Malaysia, South Sudan, USA for COVID, and recently in Chad, in both emergency and stable settings.

In her role as International Medical Secretary, she serves as a key member of the MSF International, in a trio with the Secretary General and the International President, working to promote medical leadership, advise and ensure accountability for defined medical priorities and innovation and operational strategies across the movement, as much as provide key direction and input on positioning and representation.

Dr. Guevara was trained in Pulmonary and Critical Care Medicine at the University of Florida in Gainesville and holds a Diploma in Tropical Medicine and Hygiene/DTMH from the Liverpool School of Tropical Medicine and a Master of Science/MSc in Global Health Policy from the London School of Hygiene and Tropical Medicine.

Her special interests are Global Health, Response in Emergencies and Planetary Health.







Ms. Wilma Mendoza Miro, Confederation of Indigenous Women from Bolivia (CNAMIB)

Mr. Marcos Nordgren Ballivian, Climate Action Network Latin America (CAN-LA)







Session III: The role of IP for innovation and access: Challenges and Opportunites



**Dr. Edward Kwakwa,** Assistant Director General, Global Challenges and Partnerships Sector at WIPO

Edward Kwakwa is Assistant Director General, Global Challenges and Partnerships Sector, World Intellectual Property Organization (WIPO) in Geneva. He served as General Counsel at WIPO from 2004 until September 2016. Kwakwa holds an LL.B. degree from the University of Ghana, an LL.M. from Queen's University in Canada, and an LL.M. and a J.S.D. from Yale Law School in the U.S.A.

Before joining WIPO, Kwakwa practiced with the law firm of O'Melveny and Myers in Washington, D.C., worked as International Legal Adviser at the Commission on Global Governance in Geneva, as Senior Legal Adviser at the Office of the United Nations High Commissioner for Refugees (UNHCR), and as Legal Affairs Officer at the World Trade Organization (WTO).









**Prof. Caroline Ncube**, DSI/NRF SARChI Research Chair in Intellectual Property, Innovation and Development in the Department of Commercial Law at the University of Cape (UCT)

Caroline B Ncube is a Professor of Intellectual Property at the Faculty of Law at the University of Cape Town. She holds the Department of Science and Innovation (DSI) – National Research Foundation Research Chair (NRF) in Intellectual Property, Innovation and Development. She holds a NRF B2 rating, which is awarded to researchers who enjoy considerable international recognition for the high quality and impact of their recent research outputs. She is also a Member of the Academy of Science of South Africa (ASSAf). She lectured on the World Intellectual Property Organization (WIPO)–African Regional Intellectual Property Organization (ARIPO)–Africa University Masters Degree in IP (2012 – 2022) and is an Associate Member of the Centre for Law, Technology and Society, University of Ottawa. She served on the African Union Scientific Technical Research Commission (ASRIC) Taskforce on IP Protection in Joint Research and Collaboration During Outbreaks. She is a member of the African Continental Free Trade Area (AfCFTA) Trade and Industrial Development Advisory Council and of the African Policy, Research & Advisory Group on Science, Technology and Innovation. She is a co-leader of the Open African Innovation Research (OpenAIR) partnership and participates in several other research projects. Her publications are listed at <a href="https://carolinebncube.com/research/book-chapters/">https://carolinebncube.com/research/book-chapters/</a>

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Ambassador Guilherme Patriota, Permanent Representative of Brazil to the WTO and other Economic Organizations in Geneva

Ms. Michelle Childs, Policy Advocacy Director, Drugs for Neglected Diseases Initiatives (DNDi)









Justin Pine, Senior Director, International Policy, Biotechnology Innovation Organization (BIO)

Justin Pine is Senior Director of International Policy at the Biotechnology Innovation Organization (BIO) where he oversees global IP and data policy matters. Justin has degrees in Chemistry, Philosophy, and Law, all from Boston College, and was a Fulbright Scholar in Portugal at the New University of Lisbon. He is a Certified Information Privacy Professional in the United States (CIPP/US) and is registered as an attorney in the State of New York, the State of Sao Paulo (Brazil), and before the U.S. Patent and Trademark Office. Prior to BIO, Justin was a research scientist in the pharmaceutical industry, an attorney for a New York City-based tech startup and practiced law in Sao Paulo, where he advised life science firms on cross-border transactions, regulatory, and intellectual property matters.







Session IV: Climate chnage, human health and trade

Mr. Antony Taubman, Director, Intellectual Property, Procurement and Competition Division, WTO









#### Peter Berry Ph.D.

Dr. Peter Berry has been working on climate change and health issues for over 20 years at the Climate Change and Innovation Bureau at Health Canada. He has conducted research and published papers in several areas related to climate change including health risks to Canadians, adaptive capacity, health system resilience, health vulnerability assessments and communicating climate change risks to the public. He is currently Senior Policy Analyst and Science Advisor to the Director at the Climate Change and Innovation Bureau at Health Canada. He also serves as Adjunct Assistant Professor in the Faculty of Environment at the University of Waterloo where he delivers a course on building climate resilient health systems.

Peter is involved in a number of national and international collaborations to reduce risks to health and health systems from climate change. He regularly provides expert advice to health authorities within and outside of Canada on preparing for climate change. Among other projects, Peter is leading the next national climate change and health vulnerability and adaptation assessment at Health Canada.







**Dr. Renata Clarke,** Sub-Regional Coordinator, Caribbean, Food and Agriculture Organization (FAO)

Mr. Lutz Hegemann, President, Global Health and Sustainability, Novartis









**Mr. Vicente Paolo Yu**, Associate Fellow within the Global Fellowship Initiative (GCSP), Senior Legal Advisor (TWN), Founding Partner of the Clean Energy Innovations Partnerships

Vicente Paolo B. Yu III is a lawyer by training and undertakes independent consultancy projects with international organizations, NGOs, and governments on international trade, climate change, sustainable development, and health issues. Previously, he served as the Deputy Executive Director of the South Centre, the intergovernmental policy research institution of developing countries based in Geneva. He is currently a Senior Legal Adviser of the Third World Network (Malaysia), a Non-Resident Senior Adviser of the International Peace Institute (USA), a Visiting Research Fellow at the United Nations Research Institute for Social Development (Switzerland), an Associate Fellow at the Geneva Center for Security Policy (Switzerland), an Adviser at Rationale Advisers LLC (Singapore), and a Founding Partner of the Clean Energy Innovations Partnership (Switzerland).

His substantive policy work covers policy and legal advice and capacity building, including on the right to development, international environmental law, international trade policy, international climate change policy, and South-South cooperation. He has advised developing countries and their groups in the UN climate change negotiations since 2007 to the present, including providing support to the Chairmanship of the Group of 77 and China in the climate change negotiations on various topics (including on loss and damage). He obtained his political science (with honors) and law degrees from the University of the Philippines, and his Master of Laws degree (with distinction, specializing in international trade law and international environmental law) from Georgetown University in Washington DC, USA, where he was a Fulbright Scholar. He has taught law at the University of the Philippines (1998–1999), the University of Tulsa College of Law's Geneva Summer Semester Program (2003–2005), and Duke University Terry Sanford School of Public Policy's Geneva Summer Program (2004–2008). He currently teaches international environmental policy and diplomacy at the International Institute in Geneva (IIG) and the School for International Training (SIT).











**Dr. Clive Ondari**, Director of Health Products and Standards, Access to Medicines and Health Products Division WHO

Clive Ondari has over 30 years of experience in pharmaceutical policies and programmes, having worked for the Government of Kenya and WHO on various assignments. He holds a Doctorate in Pharmaceutical Sciences and Master of Science in Business Administration. He started his career in academia and regulatory affairs in Kenya where he was Associate Professor of Pharmaceutics and Head of Department at the University of Nairobi and Chairman of the Pharmacy Board (Committee on Registration of Medicines) for over 10 years. He has served as coordinator for Medicines Access and Rational Use, as well as coordinator for Safety and Vigilance. He is currently the Director for Health Products Policy and Standards in the Division of Access to Medicines and Health Products at WHO Headquarters.





