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SESSION 1: SETTING THE SCENE

ARTHUR DENNEMAN, STATISTICS NETHERLANDS, EXPERT FORUM CHAIR

Arthur Denneman received his PhD in Physics 23 years ago and started in September 2000 at Statistics Netherlands. He worked in several domains, ranging from statistics on unemployment, house prices and agriculture. The past 8 years he has been active as a senior statistician in environment statistics. His main interests are not only in climate change-related statistics, but also in statistics on nutrient budgets, water quality and pesticides. Related to all these Green Deal statistics he is active in several international networks, like Eurostat Working Parties and Expert Fora organized by UNECE and UNSD.

FABIO MASSIMO NATALUCCI, IMF, KEYNOTE SPEAKER



Fabio M. Natalucci is a Deputy Director of the Monetary and Capital Markets Department. He is responsible for the Global Financial Stability Report that gives the IMF's assessment of global financial stability risks. Prior to joining the IMF, Fabio was a Senior Associate Director in the Division of Monetary Affairs at the Federal Reserve Board. Between October 2016 and June 2017, Fabio was Deputy Assistant Secretary for International Financial Stability and Regulation at the U.S. Department of Treasury.

Fabio holds a PhD in Economics from New York University.

LORNALIZA KOGLER, UNFCCC

Lornaliza Kogler is the Team Lead of the Information Unit in the Transparency Division of the UNFCCC secretariat. Her team is responsible for managing information and data from national reports by Parties, overseeing the development and maintenance of IT tools related to reporting, submission and storage of data, and providing support to data-related negotiations and inquiries. She is a member of the UNECE Task Force on the Role of NSOs in Achieving National Climate Objectives and Steering Group on Climate Change-Related Statistics.

MARYAM NAVI, UNFCCC

Maryam Navi is an interdisciplinary researcher in environment, communities and health. She joined the Adaptation Division in the UNFCCC in 2018, had supported the work of the Adaptation Committee and the Global Stocktake and is currently leading the secretariat work on the global goal on adaptation. She holds a PhD in Public Health, with a Dean's Commendation for Doctoral Thesis Excellence from the University of Adelaide, Australia. Her PhD focused on developing health-related indicators of climate change. She is also the UNFCCC health focal point.

REENA SHAH, UNSD

Reena Shah is the Chief of the Environment Statistics Section at the United Nations Statistics Division and responsible for the development of methodological work on environment statistics (e.g. the Framework for the Development of Environment Statistics and the Manual on the Basic Set of Environment Statistics), global data collection and dissemination of environment statistics with particular focus on water and waste statistics, capacity building in environment statistics at regional and national levels, and the development of the Global Set of Climate Change Statistics and Indicators adopted by the 53rd session of the Statistical Commission in 2022.

CATHERINE KRÜGER, PARIS21



Cathy Krüger joined PARIS21 in September 2021 as an inter-regional advisor on loan from Statistics Sweden. Cathy is leading workstreams on the Statistical Capacity Monitor, climate change data ecosystems and providing support to countries on development of statistical legislation.

Cathy brings over 20 years of experience in data governance and capacity development, having worked on the coordination of the national statistical system and international harmonisation in Sweden, assessing quality of UK National Statistics in the UK and on development of statistical capacity in, among others, Kenya, Mali, Cambodia and Zambia. In particular, as Statistics Sweden's in-country advisor in Kenya, Cathy worked to promote the implementation of quality assurance frameworks, and transparent and effective coordination among government authorities, development partners and statistical producers.

THOM WERKHOVEN, STATISTICS NETHERLANDS

Thom Werkhoven is a Green Deal program manager at Statistics Netherlands.

He is 63 years, married and having 3 adult children. After studies in Rotterdam, he started at Statistics Netherlands mid 80-s in the energy department as an economist, heading various units. During this period he took much interest in combining the energy domain and economy and putting data to work for policy makers. Later on he has headed various departments, mostly economy related, and worked at Eurostat for 8 years in various capacities. His key drivers focus on user driven data, involving development of new statistics and frameworks of integration/harmonisation/methodology, and improving dissemination and usability.

PAUL MORRIN, CSO IRELAND

Paul Morrin is Assistant Director General of CSO Ireland, responsible for developing and coordinating the CSO's Statistical System Coordination work programme; promoting and building an awareness and acceptance of the CSO's role across the public service, developing structures to formalise the coordination role. This directorate is also responsible for the

production of customised policy and multidimensional publications, researcher access to microdata and the development and compilation of environment, ecosystem and climate statistics.

SESSION 2: PROGRESS AND CHALLENGES IN MEASURING CLIMATE CHANGE VULNERABILITY AND ADAPTATION

GIOVANNA TAGLIACOZZO, ISTAT, SESSION CO-CHAIR

Giovanna Tagliacozzo works at the National Statistical Office of Italy (Istat) since 2000, where she worked on social and environment statistics. She is currently involved in the development and analysis of SDG' indicators an the SDG report for Italy. Giovanna is also working on the development of statistics and indicators for the measurement of hazardous events and disasters and climate change related statistics in Italy; since 2011 she is a member of the UNECE Task Force on Climate Change-related Statistics and of the Task Force on Measuring Hazardous Events and Disasters since 2014.

CHRISTIANA PHOTIADOU, EEA, SESSION CO-CHAIR

Christiana Photiadou, Ph.D., is a climate scientist with 10+years of experience in climate change impacts and climate services. As a Climate Change Impact and Adaptation Expert at the European Environment Agency is responsible for projects related to climate change hazards, impacts, risks and vulnerability and adaptation indicators. As a former senior researcher at the Swedish Meteorological and Hydrological Institute she oversaw the development of climate services with regards to full spectrum of production and evaluation of climate information. She holds a Ph.D. from Utrecht University on detection, and propagation of hydrometeorological extremes under climate change.

EMIL IVANOV, UNSD

Emil Ivanov is specialized in environmental statistics with recent advances on climate change indicators. He has broad experiences in statistics and research work in Europe and at UNSD. His background is in ecology, environmental and geospatial sciences.

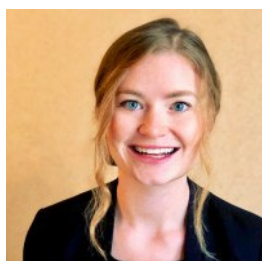
ANGELIKA TAMASOVA, EEA

Angelika Tamášová is a climate change specialist with more 5 years of experience in climate change adaptation. As a seconded national expert to the European Environment Agency follows the development of national adaptation policy frameworks across Europe and coordinates the Governance Regulation reporting procedure on national adaptation actions. As a former policy advisor to the Ministry of Environment of the Slovak Republic she was in charge of developing the national adaptation policy framework and involved in regional and local adaptation projects. She is a graduate of the Comenius University in Bratislava (Slovakia) in environmental planning and management.

MIKAEL MAES, OECD

Mikaël Maes (PhD) is an Environmental Data Scientist at the Environmental Performance and Information Division of the OECD Environment Directorate with more than eight years of experience in academia, public, private and international spheres. At the OECD, he specialises in the measurement of climate-related hazards using geospatial data sources with high spatio-temporal resolution and statistical programming skills. During his PhD, Mikaël studied the relationship between mental health, cognition and nature exposure, and how these ecosystem benefits can be better integrated into international environmental-economic accounting frameworks. In his free time, Mikaël likes to hike, gym and meet family and friends.

CLAIRE RANSOM, WORLD METEOROLOGICAL ORGANIZATION



Claire Ransom is an assistant scientific officer in the Climate Monitoring and Policy division of the World Meteorological Organization, working to improve science communication and facilitate understanding of the interconnections between climate change and sustainable development. In addition to her work on the Sustainable Development Goals, she assists with the production and dissemination of the annual global and regional State of the Climate reports.

Ms. Ransom holds her master's degree in Development Studies from the Graduate Institute of International and Development Studies in Geneva, Switzerland.

GEORGINA ALCANTAR, ECLAC

Georgina Alcantar-López is a Biologist with a Master's degree in Biological Sciences, specializing in Environmental Analysis. MSc. Alcantar has more of twenty years of experience in generation, management, compilation, integration and systematization of environmental information and various systems of information with different approaches. MSc. Alcantar has experience in statistical modelling of biological and ecological processes, including predictive perspective, the use of spatially explicit information, scenario building and information for the decision-making process, also land planning and land suitability analysis focused on nature conservation and protection. All these activities from academy, consulting, or public officer positions she has held throughout this time.

MSc. Alcantar has worked in technical and executive groups integrates for a variety of specialists from NGO, agriculture and environmental associations, academy, national and subnational authorities, and internationals level. Also, Ms. Alcantar has co-authored in scientific articles, books chapters and multiple technical reports and manuals. During twelve years, Ms. Alcantar was Environmental Statistics Direction in the Ministry of Environment and Natural Resources of Mexico Government. In this position, she was in communication and coordination with environmental information producers and users in the national and international context. Since 2022, MSc. Alcantar is the Chief of Environment and Climate

Change Statistics Unit in the Statistics Division of the Economic Commission for Latin America and the Caribbean within United Nations.

MACIEJ SADOWSKI AND ANNA ROMAŃCZAK, INSTITUTE OF ENVIRONMENTAL PROTECTION – NATIONAL RESEARCH INSTITUTE, POLAND

Maciej Sadowski Prof., Emeritus climatologist employed in the Institute of Environmental Protection- National Research Institute, dealing with climate history and climate change mainly adaptation activities. Since 1988 was involved in the negotiations of the UNFCCC and Kyoto Protocol . For several years was a member of the Convention Bureau. At the Institute, he served for many years as Head of the Department of Climate Change. He delivered lectures in several Universities in Poland. He is the author of over 100 scientific publications.

Anna Romańczak is an expert at the Institute of Environmental Protection – National Research Institute. She worked on climate change issues, including adaptation. She was involved in development the Polish National Strategy for Adaptation to climate change and plan Urban adaptation plans.

SESSION 3: NEW FRONTIERS IN CLIMATE CHANGE-RELATED STATISTICS

ROBERTA QUADRELLI, IEA, SESSION CO-CHAIR

Roberta Quadrelli is Head of Data and Indicators for Energy Transitions at the International Energy Agency, responsible for climate, sustainability (SDGs), efficiency, innovation data; coupled with work to strengthen national energy statistics capacities. She authored several scientific publications, IPCC Assessment Reports, IPCC GHG Guidelines, and other reports, like the IEA efficiency indicators manuals. Roberta holds a PhD in climate science from the University of Washington (USA); a physics MS and a violin degree from Bologna (Italy).

POUYA TAGHAVI, IEA, SESSION CO-CHAIR

Pouya Taghavi is an Energy Data Manager at the International Energy Agency (IEA), working on climate and sustainability related data and indicators. His work includes coordinating the IEA data work corresponding to developing SDG indicators and greenhouse gas emission estimates as well as contribution to the official review process of national GHG inventories submitted to UNFCCC. Prior to the IEA, he worked for an engineering consulting firm performing carbon foot printing and life cycle assessments of LNG development projects.

Pouya is a contributing author of the IPCC Sixth Assessment Report and a member of the UNECE Steering Group on Climate Change-Related Statistics. He holds a master's degree in Sustainable Energy from Imperial College London as well as a master of engineering from McGill university.

GERRY BRADY, CSO IRELAND

Gerry Brady is the head of the Environment and Climate division of the CSO. He has worked in agriculture, social statistics integration, international trade, and environment areas of the CSO. He has taken a broad view of environment statistics to include environmental-social and climate statistics as well as environmental-economic accounting.

IRAKLI APKHAIDZE, GEOSTAT

Irakli Apkhaidze is the Deputy Executive Director of National Statistics Office of Georgia since July 2022. Mr. Irakli Apkhaidze was the member of the Board of National Statistics Office of Georgia in 2018-2022.

In 2001-2011, he worked at National Statistics Office of Georgia, holding different positions: in 2001-2005 as a Chief Specialist of Population Census Division; in 2005-2008 as the Head of the Household Surveys Sub-division under the Social Statistics Division. In 2008-2011 he served as a Project Manager and Survey Coordinator for the joint project of Millenium Challenge Georgia (MCG) and National Statistics Office of Georgia – Household Impact Evaluation of the Samtskhe-Javakheti Road in Georgia. In 2012 he was the Fieldwork Coordinator for the General Population Census of Georgia 2014.

Irakli Apkhaidze worked as a Monitoring and Evaluation Manager of different projects for USAID, Chemonics-Georgia: Project - "Zrda Activity in Georgia" in 2016-2021 and Project - "New Economic Opportunities (NEO)" in 2012-2015. Irakli Apkhaidze holds the academic degree in Economics (Statistics). He speaks English and Russian Languages.

NATAŠA VOJINOVIĆ, MONSTAT

Nataša Vojinović is the Assistant director of Agricultural Statistics, Fisheries, Business Statistics and Environment and Forestry Sector at the Statistical Office of Montenegro (MONSTAT).

SARA DUERTO VALERO AND SNEHA KAUL, UN WOMEN

Sara Duerto Valero is the Regional Advisor on Gender Statistics in UN Women's Regional Office for Asia and the Pacific, where she manages the Flagship Programme Initiative "Making Every Woman and Girl Count", as well as the regional programme "Building Back Better" on gender statistics. Besides planning and implementing interventions to support the quality, availability and use of gender statistics across Asia and the Pacific, she provides technical advice and prepares analytical materials on gender statistics. She also leads the organization's work on gender and environment statistics. Before joining the regional office, she worked as a statistics specialist in UN Women's Headquarters. Previously, Sara was a statistician at the Statistics Division of the United Nations Secretariat (UNSD), the Economic and Social Commission for Asia and the Pacific (ESCAP-SD), and UNESCO's Regional Office for Asia and the Pacific. She holds a master's degree in Development Studies from Universite Libre de Bruxelles and a

graduate degree on Business from Universidad de Zaragoza. In her free time, she enjoys traveling, arts and the ocean.

Sneha Kaul is a Statistics Analyst at UN Women, working in the Entity for Gender Equality and the Empowerment of Women in their Asia Pacific Regional Office in Bangkok. With significant experience in the area of Gender Statistics, she has contributed to UN Women's 2022 publications on Big Data, Geospatial analysis, and COVID-19 surveys, UN Women's Snapshot on Gender and the Environment 2022, Gender Equality and Sustainable Development 2022, ASEAN Gender Outlook 2021, the 2019 UNDP Human Development Report and UN Women's Flagship programming initiative, Making Every Woman and Girl Count. Her work at UN Women, UNDP, London School of Economics, and IIT Delhi has shaped her commitment to leave no woman or girl behind by leveraging the power of data.

CARL OBST, UNSD CONSULTANT, INSTITUTE FOR DEVELOPMENT OF ENVIRONMENTAL-ECONOMIC ACCOUNTING

Carl Obst is a Director at the Institute for Development of Environmental-Economic Accounting - IDEEA Group. Carl was the lead author and editor of the United Nation's System of Environmental-Economic Accounting (SEEA) – the international standard for government work on accounting for natural capital and encompassing accounting for ecosystem and biodiversity values. Further, Carl has been leading the development of sector level statistical concepts including methods for the measurement of sustainable tourism with the UN World Tourism Organization, and the design of the multiple capitals based evaluation framework for TEEBAGriFood. Prior to this work, Carl had a long career with the Australian Bureau of Statistics, including time at the OECD. His primary topics of research included productivity measurement, financial services measurement and the valuation of natural resources.

His current work involves projects on natural capital accounting and sustainability measurement within the United Nations system, with the Capitals Coalition and with various companies and governments in Australia and internationally. Carl is a leading player in closing the gap between government and corporate approaches to natural capital accounting. This includes work as part of the Value Accounting Network, as an editor in the revision of the System of National Accounts, in developing guidance for the valuation of ecosystem services and in designing models for incorporating natural capital values in risk models.

DANIEL NACHTIGALL, OECD

Daniel Nachtigall is an Economist at the Environment Directorate of the Organisation for Economic Co-operation and Development (OECD). He recently joined the International Programme for Action on Climate (IPAC), which supports countries to reach net-zero through monitoring, policy evaluation and feedback. Before joining the IPAC, he was an Economist at the Environment, Transitions, and Resilience Division of the Environment Directorate and Consultant in the Green Growth team of the Economics Department at the OECD. As a climate change expert specialising in carbon pricing and the energy sector, Daniel has more than ten

years of experience in international policy, policy design and implementation, and research. He holds a PhD in Environmental Economics, and an M.Sc. and B.Sc. in Economics.

CLAIRE RANSOM, WORLD METEOROLOGICAL ORGANIZATION



Claire Ransom is an assistant scientific officer in the Climate Monitoring and Policy division of the World Meteorological Organization, working to improve science communication and facilitate understanding of the interconnections between climate change and sustainable development. In addition to her work on the Sustainable Development Goals, she assists with the production and dissemination of the annual global and regional State of the Climate reports.

Ms. Ransom holds her master's degree in Development Studies from the Graduate Institute of International and Development Studies in Geneva, Switzerland.

STEPHAN MOLL, EUROSTAT

Stephan Moll is statistical officer at Eurostat. He leads the team 'physical environmental accounts and water statistics'.

For more than 20 years, Stephan has been working on environmental input-output modelling – a technique to estimate consumption-based environmental-economic accounts offering wide-ranging analyses. Before joining Eurostat, Stephan was involved in research projects such as e.g. the EU-funded EXIOPOL project in which multi-regional input-output modelling techniques and data sets were developed

ADAM TIPPER, STATISTICS NEW ZEALAND

Adam Tipper is a senior analyst in Stats NZ's environmental-economic accounting team and leads the strategic and technical development of the environmental accounting programme. Adam's current main area of interest is greenhouse gas emissions and how it relates to economic activity for the benefit of joined-up decision making. Adam is the main methodological lead behind Stats NZ's annual, quarterly, and regional greenhouse gas emissions statistics.