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Cheonhwan Lee, National Institute of Green Technology, Republic of Korea
Jongseo Yim, National Institute of Green Technology, Republic of Korea
Benjamin Trochon, Commissariat Général au Développement Durable, France
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SESSION 4: INFORMING CLIMATE CHANGE MITIGATION

Otto Swertz, Statistics Netherlands (Session co-Chair)
Roberta Quadrelli, IEA (Session co-Chair)
Veerle Heijnen, Ministry of Economic Affairs and Climate Policy of the Netherlands
Sanghyun Park, National Institute of Green Technology, Republic of Korea
Rodrigo Pizarro, OECD
Santaro Sakata, OECD

SESSION 1: SETTING THE SCENE

MICHELE MCMILLAN, STATISTICS CANADA (SESSION CHAIR)

Michele McMillan is a senior analyst and unit head in the Environment Accounts and Statistics Division at Statistics Canada, where she specialises in SEEA-based Environmental-Economic Accounting. Michele holds an M.Sc. in Botany with a specialization in Ecology and a Hons. B.Sc. in Biological Science from the University of Guelph in Ontario, Canada. Michele is the current Chair of the UNECE Steering Group on Climate Change-Related Statistics.

OTTO SWERTZ, STATISTICS NETHERLANDS

Otto Swertz is the head of Energy Statistics at Statistics Netherlands. He has worked in Statistics Netherlands on energy statistics for over 20 years and before that on water management in Rijkswaterstaat - the executive agency of the Dutch Ministry of Infrastructure and Water Management. Otto is the Chair of UNECE Task Force on the role of NSOs in achieving national climate objectives.

ANGELA FERRUZZA, ISTAT

Angela Ferruzza is the Head of Division for Environment, Territory and Register of geographic and territorial units that produces and disseminates information on Energy consumption of household, on Urban Environmental statistics, Climate Change Statistics and territorial data. She is Responsible of the project Sustainability that implemented the ISTAT SDGs Statistical Platform and the ISTAT SDGs reports.

Angela is a member of UN IAEG SDGs, Eurostat WG on Sustainable Development, UNECE Steering Group in Climate Change Related statistics, Chair of the UNECE Task Force on Measuring Hazardous Events and Disasters, Component Coordinator for cooperation projects in Caricom, Palestine, Tanzania, Vietnam related to environmental statistics, sustainability and climate change.

MICHAEL NAGY, UNECE

Michael Nagy has a master's degree on landscape design and planning of the University of Natural Resources and Life Sciences in Vienna. He works as statistician at the UNECE Statistical Division where he is responsible for the work streams on environment statistics, SEEA and disaster-related statistics. Before joining UNECE 8 years ago he was Head of the Section on Environment Statistics of the Qatar Statistics Authority. Michael also worked for more than 12 years at the Austrian Environment Agency as expert for water management, environment statistics, environmental-economic accounting and management of environmental information.

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.

XUAN CHE, UNDRR

Xuan Che is a statistician in the United Nations Office for Disaster Risk Reduction (UNDRR) in Bonn, Germany. His work includes managing data and analytics of the Sendai Framework Monitor, disaster-related statistics, and reducing impacts of climate-related hazardous events. In his previous posts, he has worked in the United Nations Statistical Division (UNSD) on environmental and climate change statistics, and statistical develop and agricultural statistics in United Nations Economic Commission for Africa (UNECA). Xuan was a fellow of the National Institutes of Health (NIH), and holds a Ph.D. in statistics from Oregon State University.

SESSION 2: INSTITUTIONAL ARRANGEMENTS AND THE ROLE OF NSOS

ARTHUR DENNEMAN, STATISTICS NETHERLANDS (SESSION CHAIR)

Arthur Denneman received his PhD in Physics 26 years ago and started at Statistics Netherlands in September 2000. For the first 13 years he worked as a statistical researcher in areas such as labour accounts, house prices, and agricultural statistics. For the past 11 years he has been active in environmental statistics as a senior statistician. He participates in several international networks (Eurostat, OECD, and UN). In 2021-2023 he chaired the UNECE Steering Group on Climate Change-Related Statistics. In the coming years he will act as a UNFCCC technical expert reviewer. His main interests lie not only in statistics related to climate change, but also in statistics on nutrient budgets, water quality, and pesticides/biocides.

MICHELE McMILLAN, STATISTICS CANADA

Michele McMillan is a senior analyst and unit head in the Environment Accounts and Statistics Division at Statistics Canada, where she specialises in SEEA-based Environmental-Economic Accounting. Michele holds an M.Sc. in Botany with a specialisation in Ecology and a Hons. B.Sc. in Biological Science from the University of Guelph in Ontario, Canada. Michele is the current Chair of the UNECE Steering Group on Climate Change-Related Statistics.

LEIDY VENTURA, NATIONAL STATISTICS OFFICE OF THE DOMINICAN REPUBLIC

Leidy Ventura is a statistician by profession, she currently coordinates the Department of Environmental Statistics of the National Statistics Office (NSO) of the Dominican Republic and has four years of experience in the public sector. She completed her formal undergraduate education in Statistics with a Socioeconomic Mention, in addition, at the postgraduate level in Specialized Statistics at the Autonomous University of Santo Domingo (UASD) and three Diplomas in climate transparency and the Greenhouse Gas (GHG) inventory process, and estimation of GHG emissions, with vast experience in climate change issues and disaster risk management.

AIDA ISSABEKOVA, BUREAU OF NATIONAL STATISTICS OF THE REPUBLIC OF KAZAKHSTAN

Aida Issabekova has a master's degree in statistics. She has been working in statistics for 24 years. Director of the Department of Production and Environmental Statistics. The department in which she is responsible for the areas of work on environmental statistics, industrial statistics, investment statistics and construction statistics. She is a member of several UNECE working groups on environmental statistics:

- Expert Forum for Producers and Users of Climate Change-related Statistics
- Working Group on Environmental Monitoring and Assessment
- Joint Task force on Environmental Statistics and Indicators
- ECE Task Force on Measuring Natural Hazards Events and Disasters
- Global Expert Forum for Producers and Users of Disaster-related Statistics.

ELENA DORONINA, NATIONAL STATISTICAL COMMITTEE OF KYRGYZSTAN

Elena Doronina has 37 years of work experience in state statistics bodies. She was involved in developing and improving the methodology for industrial and energy statistics and fuel and

energy balance. She also assisted in preparing data for the Fourth National Communication and the First Biennial Update Report of the UNFCCC Energy Sector Report.

Since 2019, she has been working as a leading specialist in the Department of Statistics of Sustainable Development and Environment of the National Statistical Committee of the Kyrgyz Republic. She works on developing and improving the methodology for environmental statistics, hazardous events and disasters, green economy, and climate change. Elena also participates in work on implementing the System of Environmental-Economic Accounting and Sustainable Development Goals, as well as in the implementation of forest accounts in accordance with the SEEA. She is one of the developers of the national set of climate change-related indicators.

NAIRA MANDALYAN, STATISTICAL COMMITTEE OF THE REPUBLIC OF ARMENIA

Naira Mandalyan is a chief specialist in the Environmental Statistics Division at the Statistical Committee of Armenia since 2014. Naira holds a degree in Computer Science from the State National Polytechnic University of Armenia and possesses skills in programming and GIS mapping. Before joining Armstat, she worked as a database manager in the Informational-Analytical Centers of the Ministry of Labor and Social Affairs and the Ministry of Environment. She has contributed to various key country projects, including SEIS I, SEIS-Sevan, and SEIS II. She is also involved as an expert in the UNICEF project "Climate Risk Assessment in Extended Communities of Armenia", in cooperation with DRR/National Platform, and EU4Environment – Water Resources and Environmental Data" project. Her recent involvements also include participation in several UNECE Task Forces. Now she is responsible for compiling SEEA-Water accounts and managing environment-related datasets within the integrated reporting system of Armstat. Since 2018 Naira is a member of the permanent working group of Inter-agency Coordinating Council on Climate Change coordinated by the Deputy Prime Minister.

PAZ PATIÑO, PARIS21

Paz Patiño is Inter Regional Advisor at The Partnership in Statistics for Development in the 21st Century (PARIS21) supporting the development of national statistics offices and statistics systems in Africa, Asia, and Latin America and the Caribbean. Paz specializes in strategic planning for statistics and leads PARIS21 programme strengthening the integration of climate change data and statistics in the work of national statistics systems. In the past two years, Paz has worked with statistics offices and ministries of environment in Grenada, Belize, Senegal, Lao PDR, Kenya, Malawi and Botswana in assessing their climate change data ecosystems and how they can be improved.

ROBERTA QUADRELLI, IEA

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).

AMANDA PENISTONE, DEPARTMENT FOR ENERGY SECURITY AND NET ZERO, UNITED KINGDOM

Amanda Penistone is the Head of International Climate Finance Analysis, in the UK Department for Energy Security and Net Zero. She leads a team providing analytical support throughout International Climate Finance (ICF) programme lifecycles, from assessing value for money of options, through monitoring results, to evaluating impacts. She's also the UK representative on the Climate Investment Funds Evaluation and Learning Advisory Group. Before working on ICF, she headed up the UK's greenhouse gas inventory.

MARK DE HAAN, STATISTICS NETHERLANDS

Mark de Haan has worked at Statistics Netherlands since 1992 where he developed the first contours of the Dutch framework of environmental accounts. He finished his PhD on environmental-economic accounting in 2004. Besides environmental accounting he gained experience in the areas of national accounting, government finance statistics, productivity measurement and the consequences of globalization on macroeconomic statistics. He is currently doing research in statistics on climate mitigation expenditure and taxes.

SESSION 3: INFORMING CLIMATE CHANGE ADAPTATION

GIOVANNA TAGLIACOZZO, ISTAT (SESSION CO-CHAIR)

Giovanna Tagliacozzo is a Senior Researcher at the National Statistical Office of Italy (Istat) in the Division for Environment, territory and Register of geographic and territorial units. Currently, she is working on the implementation of statistical indicators for monitoring the UN 2030 Agenda for Sustainable Development in Italy (since 2016), on Climate Change and Hazardous Events and Disasters related statistics, and since 2020 she is responsible for the Istat Household Energy Consumption Survey; Giovanna is a member of the TF UNECE on the Role of NSOs in achieving national climate objectives; she's has been a member of the UNECE Task Force on Climate Change Related Statistics since 2011 and on Measuring Hazardous Events and Disasters since 2014. Giovanna has worked on the production of Environmental statistics, Water resources and Meteoclimatc data in Cities (2009-2011); she has been in charge of administrative Crime statistics and surveys on Citizen Safety and Violence Against Women (2000-2009). Since 2018 Giovanna participated as an expert at Istat international cooperation projects in Palestine, Vietnam, Moldova, and Armenia aimed at strengthening official statistics for monitoring Agenda 2030, related to Climate Change and Hazardous Events and Disasters, as well as crime statistics and gender statistics.

CHRISTIANA PHOTIADOU, EEA (SESSION CO-CHAIR)

Christiana Photiadou, Ph.D., is a climate scientist with 15+years of experience in climate change impacts and adaptation. As a Climate Change Vulnerability and Adaptation Expert at the European Environment Agency she is responsible for projects related to climate change hazards, impacts, risks and vulnerability and adaptation indicators.

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.

LENNERT STAP, STATISTICS NETHERLANDS

Lennert Stap has been working at Statistics Netherlands since February 2024. In his role as a statistical researcher in the environmental department, he is responsible for improving existing, and investigating new ways to monitor climate impact and adaptation. He is also project leader of the quarterly greenhouse gas emission account. Prior to this, he obtained his PhD in climate physics in 2017, and gained more than ten years of experience at international academic climate research institutes.

CHEONHWAN LEE, NATIONAL INSTITUTE OF GREEN TECHNOLOGY, REPUBLIC OF KOREA

Cheonhwan Lee is a senior researcher at the National Institute of Green Technology in the Republic of Korea. He has worked at the institute for 11 years and is currently based in the Center for Data Information. He has been involved in building climate change statistics and indicators, as well as developing and managing the climate technology information platform. Recently, he has been the project manager for the climate crisis adaptation statistical data collection research project with the Ministry of Environment. He holds a bachelor's degree in computer science, a master's degree in business administration, and is currently a Ph.D. candidate in science and technology studies. His main research interests include climate change statistical analysis and data mining.

JONGSEO YIM, NATIONAL INSTITUTE OF GREEN TECHNOLOGY, REPUBLIC OF KOREA

Jongseo Yim is a Senior Researcher at the National Institute of Green Technology in South Korea, within the Data Information Center of the Policy Research Division. He holds a Ph.D. in Geography from Seoul National University, where he focused on coastal geomorphology and

climate vulnerability. He has extensive experience in environmental and spatial analysis, having worked at the Korea Maritime Institute and the Korea Institute of Ocean Science & Technology. His research includes studies on coastal ecosystem assessments, maritime spatial planning, and climate adaptation strategies. He has published work on topics such as coastal land use changes, blue carbon levels, and the impacts of sea surface temperature changes on fisheries.

In his current role, Jongseo Yim aims to expand his focus from coastal and marine environments to nationwide climate change adaptation efforts. He is involved in developing a comprehensive climate crisis adaptation information platform and supporting South Korea's climate change data integration and policy initiatives. He is committed to contributing to the scientific understanding of climate impacts and developing effective adaptation strategies to support informed decision-making.

BENJAMIN TROCHON, COMMISSARIAT GÉNÉRAL AU DÉVELOPPEMENT DURABLE, FRANCE

Benjamin Trochon has a PhD on Continental interface and Hydrology of the University of Toulouse (France). During this time, he worked on the clay-limestone soils of the South West of France and how their physical properties impact water and greenhouse gases flux. He now works since the beginning of 2024 for the Commissariat Général au Développement Durable in the Ministry of Environment as a task officer in charge of soils and risks.

DONATELLA VIGNANI, ISTAT

Donatella Vignani is a Senior Researcher, Ph.D. in Environmental Economics, at the National Statistical Office of Italy (Istat), Environmental and Territorial Statistics Department. Currently, she is working on production and dissemination of Istat Meteoclimatic Statistics, Indices of Extremes, Climatic Anomalies and Climate Change and is responsible for Istat Meteoclimatic and Hydrological Data Survey (since 2017). Donatella is working on Natural Resources Statistics production and, since 2016, is responsible for Istat Antrophic Pressures and Natural Risks Survey on non-energy mineral resources and mineral waters withdrawals. Since 2021, she is National Delegate at Working Group on Critical Raw Materials Database of European Commission and member of National Working Group on Mineral Raw Materials supporting policy. She is National Correspondent for Aquastat FAO's Global Information System on Water and Agriculture, since 2018. Donatella was responsible of Istat the project Agro-environmental Indicators for Italy (2014-2016). She has worked on Environmental, Agricultural, Water resources and Meteoclimatic statistics production, providing many scientific articles published in international journals (2005-2024). She participated as expert in Istat international cooperation projects of Armenia Republic (2015-2016) developing official Water statistics-accounts (SEEA-Water) and Vietnam (2023) as climate statistics lecturer. Donatella worked on the production of National Accounting Environmental Accounts for Italy in 2003-2013.

MYER GLICKMAN, OFFICE FOR NATIONAL STATISTICS OF THE UNITED KINGDOM

Myer Glickman is Head of Climate and Global Health at the UK Office for National Statistics, where he has been a team leader and senior expert in health statistics since 2000. He is principal investigator of the multinational project 'Standards for Official Statistics on Climate-Health Interactions' (SOSCHI) which is funded by Wellcome and includes partners in the UK, Ghana, Rwanda, Canada, and at the UN Statistical Division. Myer has led statistical work including the definition of deaths caused by COVID-19, definition of avoidable mortality, innovation in small area statistics on mortality and life expectancy, and development of various health data collections and instruments. He serves on UN and WHO committees focussing especially on mortality statistics, CRVS, and environmental impacts on health. In his career before joining ONS he held positions in academic epidemiology and the UK health sector.

SESSION 4: INFORMING CLIMATE CHANGE MITIGATION

OTTO SWERTZ, STATISTICS NETHERLANDS (SESSION CO-CHAIR)

Otto Swertz is the head of Energy Statistics at Statistics Netherlands. He has worked in Statistics Netherlands on energy statistics for over 20 years and before that on water management in Rijkswaterstaat - the executive agency of the Dutch Ministry of Infrastructure and Water Management. Otto is the Chair of UNECE Task Force on the role of NSOs in achieving national climate objectives.

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).

VEERLE HEIJNEN, MINISTRY OF ECONOMIC AFFAIRS AND CLIMATE POLICY OF THE NETHERLANDS

Veerle Heijnen is a policy officer at the Ministry of Climate and Green Growth in the Netherlands. With the newly established data, knowledge and monitoring team for energy policies, she aims to contribute to evidence-based policy making. One of the projects she is working on is the monitor of the energy system, where she is responsible for the long-term strategy of the monitor: the identification and development of new energy statistics and research. Next to this, she works on bridging the science-policy gap. Her background is in Industrial Design (B.Sc., TU Eindhoven) and Environmental Management and Policy (M.Sc., Lund University).

SANGHYUN PARK, NATIONAL INSTITUTE OF GREEN TECHNOLOGY, REPUBLIC OF KOREA

Sanghyun Park is a Post-doctoral Researcher at the National Institute of Green Technology (NIIGT) in South Korea, within the Data Information Center of the Policy Research Division. He holds a Ph.D. in Hydrology from University of Science and Technology, where he focused on water resource engineering and climate vulnerability on water cycle system. His research includes studies on water cycle analysis based on the surface-groundwater integrated hydrological models. He has published work on topics such as impact of climate changes on the hydrological responses, and groundwater–soil moisture changes in paddy fields in drought periods. He is currently involved in developing a comprehensive climate crisis adaptation information platform and supporting South Korea's climate change data integration and policy initiatives. Sanghyun Park is committed to contributing to the scientific understanding of climate impacts and developing effective adaptation strategies to support informed decision-making.

RODRIGO PIZARRO, OECD

Rodrigo Pizarro is a Senior Climate economist at the OECD, where he is the programme lead of the International Programme for Action on Climate (IPAC). Previously he was Head of the Environmental Economics Division of the Ministry of the Environment of Chile (2014-2018), where he was responsible for the design and implementation of Chile´s carbon tax, the green growth strategy, the sustainable consumption and production program, and the environmental accounts program. He is also member of the UN subcommittee on environmental taxation.

SANTARO SAKATA, OECD

Santaro Sakata is working as Analyst/Researcher at the Environmental-Economic Accounting team of the National Accounts Division of the OECD and works among others on Air Emission Accounts and coordination of UNCEEA (UN Committee of Experts on Environmental-Economic Accounting) Area C (Global SEEA database). He holds a master's degree on Global Energy and Climate Policy and used to work in renewable energy industry and the Foreign Ministry of Japan before joining the OECD.

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