

# **Regional Knowledge-Sharing Workshop: Strengthening the Environment Dimensions of the SDGs in Asia and the Pacific**

**Multi-Function Hall 3, ADB Headquarters | Philippines | 27-28 November 2019**

## **SPEAKERS**

## **Session: Means of Implementation for Enabling Policies and Regulatory Frameworks: Role of SCP and CE in Delivering the Environmental Dimensions of the SDGs and Other SDGs**

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**Patrick Schroeder**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Patrick Schröder is a senior research fellow in the Energy, Environment and Resources department. At Chatham House, he specializes in research on the global transition to an inclusive circular economy with a specific focus on collaborative opportunities between key countries, closing the investment gap and building an evidence base for trade in the circular economy. Prior to joining Chatham House, he was Research Fellow at the Institute of Development Studies, University of Sussex, where he conducted research and taught on the circular economy in developing country contexts and the Sustainable Development Goals.



**Diane Gail Maharjan**

**OIC-ASSISTANT DIRECTOR, AGRICULTURE, NATURAL RESOURCES AND ENVIRONMENT STAFF**  
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY (NEDA)

Ms. Maharjan is the current OIC-Assistant Director of the Agriculture, Natural Resources and Environment Staff of NEDA. She has been with the national planning agency for 12.5 years and has been shepherding policy review, planning and programming for the environment and natural resources sector. Ms. Maharjan led the formulation of, and the current midterm updating of the Environment Chapter of the Philippine Development Plan 2017-2022 including its accompanying Results Matrix and Public Investment Program. She is also co-leading the government review and revision of the draft Philippine Sustainable Consumption and Production Action Plan.

Ms. Maharjan is also a member of the Philippine Team for the Climate Change negotiations since 2017 and served as co-negotiator for the Trade and Sustainable Development component of the Philippines-EFTA States Free Trade Agreement (FTA) as well as the first negotiation for the Philippines-European Union FTA. She was also the focal technical staff during the Philippines' preparation for the Rio+20 conference, particularly in drafting the Philippine position and in preparing the 20-year assessment of the implementation report of Philippine Agenda 21.

Ms. Maharjan obtained a MSc in Environmental Science major in Environmental Planning and Management from the UNESCO-IHE, Delft, The Netherlands and a Master in Development Management from the University of the Philippines Los Baños.

## **Session: Means of Implementation for Enabling Policies and Regulatory Frameworks: Role of SCP and CE in Delivering the Environmental Dimensions of the SDGs and Other SDGs**

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**Yongping Zhai**

**CHIEF OF ENERGY SECTOR GROUP**  
ASIAN DEVELOPMENT BANK

Dr. Yongping Zhai has been working on energy development in Asia and Africa for more than 25 years. He is currently Chief of Energy Sector Group of the Asian Development Bank (ADB), in charge of overall energy policy coordination and technical support to ADB energy sector operations. He is also in charge of developing energy sector knowledge work for ADB and interacts with worldwide energy sector partners. Prior to his current position, Dr. Yongping Zhai was Director of South Asia Energy Division (2010-2015), ADB, covering energy sector operations in Bangladesh, Bhutan, India, Maldives, Nepal and Sri Lanka. In this capacity, he led ADB's support to renewable energy, energy efficiency and power trade in South Asia. He also served as ADB's Lead Energy Specialist (2008-2010), in charge of energy sector in Southeast Asia including Indonesia, Philippines, and the Greater Mekong Sub-region (GMS). In particular, he was instrumental in leading ADB's support to the power sector's successful restructuring process in the Philippines. Moreover, Dr. Zhai has played a key role in promoting power trade and cooperation in GMS.

From 1993 to 2000, Dr. Zhai was a Principal Program Coordinator/Public Utilities Economist at the African Development Bank (AfDB) in charge of energy projects in Southern African Development Community (SADC). Between 1990 and 1993, he served as an Assistant Professor at the Energy Technology Division (Energy Policy and Planning), Asian Institute of Technology (AIT) in Bangkok, Thailand.

He graduated from the Thermal Energy Engineering Department, Tsinghua University, Beijing, China (1983) and received a Ph.D in Energy Economics from Institute of Energy Economics and Policy, affiliated with the University of Pierre-Mendès France in Grenoble, France (1989).



## **Preety Bhandari**

**DIRECTOR, CLIMATE CHANGE AND DISASTER RISK MANAGEMENT  
DIVISION CONCURRENTLY CHIEF OF CLIMATE CHANGE AND DISASTER  
RISK MANAGEMENT THEMATIC GROUP  
SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE DEPARTMENT  
ASIAN DEVELOPMENT BANK**

Preety is currently the Director for Climate Change and Disaster Risk Management Division of the Sustainable Development and Climate Change Department at ADB, and also serving as Chief of Climate Change and Disaster Risk Management thematic group. She is responsible for providing policy and strategic direction to ADB's climate change program and also leads the work on climate finance, with a particular focus on accessing finance from the Climate Investment Funds (CIF) and the Green Climate Fund (GCF).

Prior to joining ADB, she headed the Finance, Technology and Capacity Building Program of the secretariat of the UN Framework Convention on Climate Change and has also worked as the Director of the Policy Analysis Division at The Energy and Resources Institute in India.

She has over 30 years of experience in environment, climate change and sustainable development, having worked on projects across Asia, and in multicultural and diverse organizations.



## **Loraine Gatlabayan**

**SCP EXPERT (Southeast Asia, China and Mongolia)  
SWITCH-ASIA SCP FACILITY**

Loraine Gatlabayan is currently the SCP Expert on Southeast Asia, China and Mongolia at the SWITCH-Asia SCP Facility funded by the European Union. She has worked in the past 16 years on international and national projects focused on environment and sustainable development issues in the Asian Region. She did consultancy work with particular focus on SCP and resource efficiency from 2013-2018 in the Asian Development Bank, the EU SWITCH-Asia Regional Policy Support Component managed by the United Nations Environment in Asia and Pacific and the Asia-Pacific Roundtable on Sustainable Consumption and Production.

Prior to this, she worked under the Philippine Government as Division Chief and Chief Science Research Specialist in the Philippine's Climate Change Commission and in the Office of the Secretary in the Department of Environment and Natural Resources. She also led various projects focusing on biosafety, access rights in environmental decision-making, transparency and accountability, and climate change.



**Ny-Ann Nolasco**  
**SUSTAINABILITY ADVISOR**  
**THE PURPOSE BUSINESS**

Ny-Ann's 15-year professional experience in data and technology, workflow optimization, and business analytics is an asset to an organization's sustainable operation, with strong experience in finance, healthcare biotechnology, and social enterprise industries.

As Director of Business Applications, she was responsible for automating operational processes, streamlining data collection, and implementing software that would collect the data for real-time reporting. Today, she's working with The Purpose Business (TPB) to use this experience to help guide Asia Pacific companies to achieve their sustainable goals.

Ny-Ann received her MBA and MPA on Sustainable Management in 2016 from Presidio Graduate School in San Francisco. Her dual degree bridges both the private and public sector perspective on approaching sustainable policies and impact.



**Anna Oposa**  
**EXECUTIVE DIRECTOR AND CHIEF MERMAID**  
**SAVE PHILIPPINE SEAS**

Anna Oposa is the Executive Director and Chief Mermaid of Save Philippine Seas, a movement to protect the Philippines' marine resources by mobilizing seatizens toward collective action and behavior change. She graduated with a BA in English Studies from the University of the Philippines-Diliman and obtained her MSc in Conservation Science from Imperial College London.

Anna co-wrote *An Introduction to Climate Change for Filipino Youth*, edited the *2020 Conservation Roadmap for Sharks and Rays in the Philippines*, and co-wrote *Shark Conservation Legislation: A Toolkit for Philippine Policymakers*. Her work has been recognized locally and internationally: she was named one of Yahoo! Southeast Asia's seven inspiring modern-day Filipino heroes; the youngest and only Filipino recipient of the Future for Nature Award; Devex's 40 Under 40 Developmental Leaders; and DENR-BMB's Biodiversity Champion. Since 2013, she has served as a consultant for the Asian Development Bank on various environmental, marine, and youth projects.



## **Jeffrey Weber**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Dr. Jeffrey Weber, a New Zealander resident in Cambodia, has over 30 years of experience in natural resource management and agricultural development, especially forestry, water, and energy resources. He is an expert in the design and management of international development projects and over 10 years has worked on 15 international development projects located in 11 Asian countries.

Dr. Weber has 25 years of experience as a senior executive in businesses, ranging from large multinational corporates to early-stage technology start-ups. He has held leadership roles in corporate strategy, marketing, operations, and sustainability.

Dr. Weber has extensive experience in financial and economic analysis and has developed environmental/natural resource management policies for several countries.

Dr. Weber has held academic appointments at universities in the USA, New Zealand, and currently in Cambodia. He holds a PhD in agricultural and natural resource economics, an MBA in finance/management, and a BA in political science from US universities.

## **Breakout Session: Integrating the Environment Dimensions of the SDGs into Policies, Plans, and Programs**

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**Bert Fabian**

**PROGRAMME OFFICER, AIR QUALITY AND MOBILITY UNIT  
UN ENVIRONMENT**

Bert Fabian leads the work of UN Environment's Air Quality and Mobility Unit in Asia-Pacific and coordinates the activities of the Global Fuel Economy Initiative, an initiative that aims to double the efficiency of the global light-duty vehicle fleet by 2050. Prior to joining UNEP in March 2013, he was the Transport Program Manager of Clean Air Asia, a non-stock non-profit regional organization. He has also worked for the Asian Development Bank on various transport and air quality projects. Bert holds a master's degree on Urban and Regional Planning major in Transportation, and a B.S. Biology degree from the University of the Philippines.



**Katharine Thoday**

**CONSULTANT  
ASIAN DEVELOPMENT BANK**

Katharine is the Team Leader for the TA 9245 subproject in Viet Nam. She has experience of facilitating sub-national environmental action in the Philippines, Indonesia, India, and Nepal, supporting cross-sectoral stakeholders to identify synergies between agendas and better link data collection to decision making. She has worked as a government environmental policy advisor as well as leading the Secretariat for the global sustainable finance initiative - ClimateWise . She now works under the auspices of Regeneration Supply Chains to promote sustainable value chains.



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## **Deborah Robertson**

**ENVIRONMENT SPECIALIST  
ASIAN DEVELOPMENT BANK**

Deborah's work is focused on boosting ADB's healthy oceans and sustainable blue economy programs. Prior to ADB, Deborah worked for the New Zealand Ministry of Environment, Beca Ltd. and several NGOs. She is experienced in policy analysis and planning, impact assessment, and marine conservation. She holds Masters' degrees in environmental planning and marine conservation.





## **Charina Cabrido**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Environment professional with 15 years of combined experience in mainstreaming biodiversity, transport, environment and natural resources initiatives at policy, programming and implementation levels including resource mobilization and expansion of partnerships. Extensive experience in cross-cutting knowledge work to capture and disseminate findings and lessons from projects.

As Senior Technical Expert-Natural Capital, she is closely involved in designing interventions that strengthens eco-resilience by mainstreaming nature-based approaches and green infrastructure planning in project designs including combatting illegal wildlife trade. She previously worked with Clean Air Asia, UNDP, and UNISDR on road safety, air pollution and integrated research on disaster risk and is the author of the Philippine Biodiversity Strategic Action Plan 2015-2028, the country's commitment to the UN's Convention on Biological Diversity.

She has a master's degree in Environmental Management from University of San Francisco, USA and a postgraduate degree in Integrated Water Management from Saxion University of Applied Sciences, Netherlands.



## **Duncan Lang**

**SENIOR ENVIRONMENT SPECIALIST**  
ASIAN DEVELOPMENT BANK

Duncan is a Senior Environment Specialist in the Safeguards Unit of ADB's Sustainable Development and Climate Change Department (SDCC), providing advice to operational departments and completing compliance reviews of project documentation. Duncan is also a member of the Environment Thematic Group.

Duncan joined ADB in 2017 and has worked in the environment sector for over 14 years. Duncan has a wide variety of experience across a range of sectors as well as having a specialism in biodiversity. Duncan has worked in operations at ADB in Central and West Asia as the country focal for Armenia and Georgia for sovereign operations and he has also worked in many other countries including Uzbekistan, Indonesia, Malaysia, Brunei and Nepal, among others.

Prior to working at ADB, Duncan worked as the BP Environmental and Social Site Lead for the South Caucasus Pipeline Expansion project in Georgia and before this, he worked as an Environmental Consultant for ERM and Atkins, based in Edinburgh and Malaysia.

Duncan is a UK national, he graduated in Ecology from the University of Aberdeen before going on to study a Masters in Ecology and Environmental Management at the University of York.



## **Lisa Antonio**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Lisa C. Antonio is the project expert for the sustainable business and sustainable lifestyles segment of the Philippine Project on Supporting Implementation of Environment-Related Sustainable Development Goals in Asia and the Pacific, under the National Development Authority. She was former Executive Director of the Philippine Business for the Environment where she served in concurrent capacity for eleven years as Philippine representative to the Regional Network of the World Business Council for Sustainable Development, private sector representative to the Philippine Advisory Groups for ISO 14000 and ISO 26000; and Board member of the Philippine National Ecolabelling Program, and of the Philippine Partnership for Clean Air.

She also served as Director and Senior Fellow of the Resource Center for Environment and Sustainable Development at the Development Academy of the Philippines; former Dean of the DAP Graduate School of Public Development and Management, part time faculty of the Ateneo de Manila University Graduate Program on Environmental Management, and current faculty of the interagency Public Management Development Program of the Philippine government.



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ASIAN DEVELOPMENT BANK

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Dr. Weber has held academic appointments at universities in the USA, New Zealand, and currently in Cambodia. He holds a PhD in agricultural and natural resource economics, an MBA in finance/management, and a BA in political science from US universities.

## Session: Importance of Integrating the Environment Dimensions of the SDGs into Policies, Plans, and Programs

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**Aneta Nikolova**

**ENVIRONMENTAL AFFAIRS OFFICER AND ENGINEER**  
UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

Aneta Nikolova is an Environmental Affairs Officer and Engineer of the Environment and Development Policy Section, Environment and Development Division, UN ESCAP. She has a rich professional experience in sustainable development policy analysis, development and advocacy, as well as capacity development, institutional strengthening and technical assistance to developing countries and countries with economies in transition in Europe, Africa, and Asia and the Pacific. She has broad educational background with degrees in Scientific Information Management, Hydrogeology and Engineering Geology (Engineer) and European Politics and Administration.

Ms. Nikolova has been leading a regional capacity development programme on green growth since 2005 when the approach was adopted at the 5<sup>th</sup> Ministerial Conference on Environment and Development for Asia and the Pacific (March 2005 to 2014), and lead a team that developed two e-learning courses, including the Low Carbon Green Growth delivered through a blended on-site/online training of trainers programmes.

She champions an integrated approach to the implementation of the SDGs and has led the development of ESCAP methodology for integration of the SDGs into national planning. The methodology using systems thinking approach was developed initially for assessment of the interlinkages between SDG 6 on water and sanitation and the other 16 SDGs at the target level.



**Eric Zusman**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Eric Zusman is a senior policy researcher/area leader at the Institute for Global Environmental Studies in Hayama, Japan. Dr. Zusman holds a bachelors degree in Mandarin Chinese from Rutgers University, a dual Masters Degree in public policy and Asian studies from the University of Texas at Austin and a Ph.D. in political science from the University of California, Los Angeles. For much of the past decade he has worked on environmental issues in Asia. This has included publishing articles and book chapters on water scarcity, air pollution regulation, environmental law and state capacity in greater China. It has also included working with China's Yellow River Conservancy Commission and the Chinese Research Academy on Environmental Science. He also held research assistantships with the Woodrow Wilson Center's China Environment Forum as well as Taiwan's Academia Sinica. In his current position, he is working on the governance for the implementation of the Sustainable Development Goals (SDGs).



## **Simon Olsen**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Simon is an international sustainable development expert with over 13 years of experience in sustainable development and environmental governance ranging from policy research to project design and management. His recent work has involved supporting governments in the Asia-Pacific region strengthen their response to the environment-related SDGs (sustainable consumption and production; life below water, and life on land), as part of an Asian Development Bank (ADB) project. His areas of expertise include civic engagement and evaluation; cross-sectoral integration of environment-related SDGs into implementation planning, and the political economy of SDG localization. He has a master's degree in Southeast Asian Studies from the University of Copenhagen and is a PhD Candidate with the Department of Environmental Sciences and Policy at the Central European University in Budapest.



## **Jonathan Gilman**

**REGIONAL POLICY COORDINATOR**  
UN ENVIRONMENT

Jonathan Gilman has worked with the United Nations for 18 years. His assignments have included working in the peace keeping mission in East Timor as an Environmental Affairs Officer and two postings in New York headquarters focused on sustainable development policy development. In recent years Jonathan has worked in Asia Pacific region including as Special Assistant to the Head of the UN in Indonesia where he coordinated the preparation of UN Recovery Framework for Aceh and Nias after the tsunami in 2004. He has also served as Regional Economist for UN Food and Agriculture Organization's avian influenza programme in Asia. Jonathan is currently Regional Policy Coordinator for the UN Environment Asia Pacific Office based in Bangkok. He graduated with a Master's degree in Environmental Economics from University College London, UK.

## **Session: Integrating the Environment Dimensions of the SDGs into Policies, Plans, and Programs: Challenges and Opportunities for DMCs and ADB**

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UN ENVIRONMENT

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**Wahyuningsih Darajati**

**PRIMARY PLANNER**  
MINISTRY OF NATIONAL DEVELOPMENT PLANNING OF THE REPUBLIC OF  
INDONESIA

Wahyu serves as Primary Planner, supporting the Deputy Minister for Natural Resources and Maritime, particularly for the implementation of the sustainable development goals (SDGs). She joined the Ministry of National Development Planning/National Development Planning Agency (Bappenas) in 1986 and took on the roles of Director for Forestry and Water Resources Conservation (2016-2018); Director for Environment (2011-2016); Director for Food and Agriculture (2008-2011); Director for Marine and Fisheries (2002-2008); and Director for Natural Resources and Marine (2001-2002).

She has authored several environment-related publications and obtained her master's degree from the University of Illinois at Urbana-Champaign, USA.



## **Smita Nakhooda**

**SENIOR RESULTS MANAGEMENT SPECIALIST**  
ASIAN DEVELOPMENT BANK

Smita Nakhooda is a Senior Results Management Specialist in the Results Management and Aid Effectiveness Division of the Strategy and Policy Department of ADB. The Division serves as ADB's focal point on the Sustainable Development Goals, where she leads this area of work. Prior to joining ADB, Ms. Nakhooda was a Senior Research Fellow at the Overseas Development Institute (ODI) in London, the UK where she led the team working on climate change and finance. Her work focused on strengthening the effectiveness of finance for environmentally sustainable development. Previously, she was a Senior Associate at the World Resources Institute in Washington DC, USA from 2003 to 2011, where she led work on energy governance and environmental finance. Ms. Nakhooda is an Indian national. She holds an M.Sc. in Environmental Policy and Regulation from the London School of Economics, and a B.A. in Government and Environmental Studies from Dartmouth College, USA in 2003.



## **Bruce Dunn**

**DIRECTOR, SAFEGUARDS DIVISION**  
**SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE DEPARTMENT**  
ASIAN DEVELOPMENT BANK

Bruce Dunn is an environmental scientist with about 20 years' experience in environment and natural resource management. At ADB, Bruce serves as the Director of Safeguards, coordinating on environmental and social safeguard compliance issues, as well as technical support on ADB's proactive agenda on environment. Prior to this, he served as Principal Environment Specialist, coordinating ADB's engagement with the Global Environment Facility and leading efforts to increase investments in natural capital. Bruce is originally from Australia, and obtained a Bachelor of Science (Botany) with Honors from the University of Queensland in 2002, and a Bachelor in Environmental Science from Griffith University in 1999 in Australia.

## **Session: Means of Implementation for Environment Indicators, Data Monitoring and Evaluation: Improving Environmental Data Collection and Management for Monitoring and Reporting on the Environment Dimensions of the SDGs**

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### **Teerapong Praphotjanaporn**

**RESEARCHER, STATISTICS DIVISION**  
UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

Teerapong Praphotjanaporn joined ESCAP Statistics Division in 2011. He is currently responsible for a regional programme on environment statistics, and he is an Asia-Pacific focal point for the partnership on mainstreaming the System of Environmental Economic Accounting (SEEA). Prior to his current role, he led and coordinated a variety of statistics development programmes such as disaster, gender and health statistics. He holds a BEc (econometrics), and Masters in Labour Economics as well as Peace Studies.



### **Mahinthan “Joseph” Mariasingham**

**SENIOR STATISTICIAN AND PROJECT OFFICER**  
ASIAN DEVELOPMENT BANK

Joseph is a Senior Statistician and Project Officer at the Asian Development Bank (ADB) where he leads statistical capacity building initiatives in the System of National Accounts, Economic Globalization, Value Added Taxation and Statistical Infrastructure domains. The projects he currently leads span more than 30 countries in the Asia and the Pacific Region. He was responsible for the development of the Asia focused multi region input output database ADB MRIO, and the statistical business register system suite ADB-SBR. Joseph started his career at Statistics Canada in 1999, and specialized in SNA and input-output economics. He earned a bachelor's and a master's degree in economics from Queen's University (Canada)



## **Batkhishig Gurjav**

**ENVIRONMENTAL DATABASE DIVISION HEAD**  
MINISTRY OF NATURE ENVIRONMENT AND TOURISM OF MONGOLIA

Ms. Batkhishig Gurjav is the Head of Environmental Database Division, in the Information and Research Institute of Meteorology, Hydrology and Environment under the Ministry of Nature Environment and Tourism, Mongolia. Her primary working areas include managing, monitoring and coordinating daily activities of national database, determining the need for expansion, enrichment and development of systems based on customer needs.

## **Virginia Bathan**

**SUPERVISING STATISTICAL SPECIALIST AND OFFICER-IN-CHARGE**  
PHILIPPINE STATISTICS AUTHORITY

Virginia Bathan is currently the Supervising Statistical Specialist and Officer-in-Charge of the Environment and Natural Resources Accounts Division under the Macroeconomic Accounts Service, Sectoral Statistics Office of the Philippine Statistics Authority. Her academic background includes degrees on Bachelor of Science in Forestry major in Forest and Environmental Resources Management at the University of the Philippines Los Baños, and Master in Management at the Technological University-Manila. She is also a Licensed Forester.



## Session: Means of Implementation for Finance

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**Jonathan Gilman**

**REGIONAL POLICY COORDINATOR**  
UN ENVIRONMENT

Jonathan Gilman has worked with the United Nations for 18 years. His assignments have included working in the peace keeping mission in East Timor as an Environmental Affairs Officer and two postings in New York headquarters focused on sustainable development policy development. In recent years Jonathan has worked in Asia Pacific region including as Special Assistant to the Head of the UN in Indonesia where he coordinated the preparation of UN Recovery Framework for Aceh and Nias after the tsunami in 2004. He has also served as Regional Economist for UN Food and Agriculture Organization's avian influenza programme in Asia. Jonathan is currently Regional Policy Coordinator for the UN Environment Asia Pacific Office based in Bangkok. He graduated with a Master's degree in Environmental Economics from University College London, UK.



**Anouj Mehta**

**PRINCIPAL INFRASTRUCTURE SPECIALIST**  
ASIAN DEVELOPMENT BANK

Anouj focuses on financial sustainability across ADB projects. His expertise covers project and corporate finance, capital markets, sovereign and non-sovereign infrastructure financing. He has had a special focus on PPPs leading the first integrated PPP initiative with Government of India, both for ADB and the World Bank. Anouj has worked on several innovative projects across sectors, including one of the first sub-sovereign approaches for financing metro rail in Bangalore, India; PPP-based elderly healthcare, green finance and blended finance in the People's Republic of China; RCI and SOE reform projects. Other than ADB, he has worked with PWC, the World Bank, advised India's Ministry of Finance, and been an investment banker with JP Morgan Chase London.



## **Lin Lu**

**PRINCIPAL OPERATIONS COORDINATION SPECIALIST**  
**ASIAN DEVELOPMENT BANK**

Ms. Lin Lu has more than 15 years of professional working experience, including 8 years in ADB operations. Lin was leading the processing and implementation of energy projects and technical assistances in Central, West and East Asia. Lin was the team leader for the first and the largest air quality improvement program in ADB: Air Quality Improvement in the Greater Beijing–Tianjin–Hebei Region. She has extensive experience in thermal power, energy efficiency, renewable energy, green transport, clean heating and cooling, and air quality improvement. She has led policy dialogues and has provided technical advices on energy development to the governments.

Prior to joining ADB, she worked as Business Development Manager in Hollysys Asia Pacific Ltd., Singapore/Philippines where she identified and developed business opportunities for the company's automation solutions in the power sector in the Philippines, Indonesia, and India. She also worked as an Electrical Engineer in MDCI Automation, USA where she was responsible for the procurement of electrical, pneumatic, control, and instrumentation of devices on the U.S. Postal Office's next generation Automated Mail Handling Equipment project led by Northrop Grumman. She was a Systems Engineer in Scientific Products & Systems, USA where she managed various projects and provided technical support. She also worked as Project Manager and Systems Engineer in Beijing Hollysys Co. Ltd., PRC where she led power plant rehabilitation and project evaluation.

Ms. Lin Lu obtained her Doctorate Degree in Mechanical Engineering from Drexel University, USA; Master's Degree in Mechanical Engineering from Temple University, USA; Master's Degree in Thermal Energy Engineering from Northeastern University, PRC; and bachelor's degree in Thermal Energy Engineering from University of Science and Technology of Beijing, PRC.



## **Gem Castillo**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Dr. Gem B. Castillo is currently the President and Chairman of the Board of the Resources, Economics and Environment Center for Studies (REECS). He is also concurrently the President of the Resources and Environmental Economics Foundation of the Philippines (REAP) and the National Director of the Economy and Environment Group Philippines (EEG), the country institution partner of the Economy and Environment Partnership in Southeast Asia.

He is a local and international expert in natural resource and environmental economics. As an expert, he has been involved in a wide range of topics such as wealth accounting and valuation of ecosystem services, economics of environmental governance, forest land use planning, economics of coastal resources management, and payment for environmental services among others. He was involved, as the National Expert, in piloting the World Bank Program on Wealth Accounting and Valuation of Ecosystem Services (WAVES) in Philippines and as Project Leader of a multi-disciplinary team that completed the Philippine Country Study on The Economics of Ecosystem and Biodiversity (TEEB) program of the UN Environment Program.

Dr. Gem Castillo received his BS Forestry and MS Forest Resources Management with specialization in Forest Economics degrees both from the University of the Philippines Los Banos. He was accorded his doctorate degree in Forest Economics, and Certificate in Resource Economics from Michigan State University.

## **Session: Next Steps in Strengthening Integration of the Environmental SDGs into Policies, Plans, and Programs**

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**Smita Nakhooda**

**SENIOR RESULTS MANAGEMENT SPECIALIST**  
ASIAN DEVELOPMENT BANK

Smita Nakhooda is a Senior Results Management Specialist in the Results Management and Aid Effectiveness Division of the Strategy and Policy Department of ADB. The Division serves as ADB's focal point on the Sustainable Development Goals, where she leads this area of work. Prior to joining ADB, Ms. Nakhooda was a Senior Research Fellow at the Overseas Development Institute (ODI) in London, the UK where she led the team working on climate change and finance. Her work focused on strengthening the effectiveness of finance for environmentally sustainable development. Previously, she was a Senior Associate at the World Resources Institute in Washington DC, USA from 2003 to 2011, where she led work on energy governance and environmental finance. Ms. Nakhooda is an Indian national. She holds an M.Sc. in Environmental Policy and Regulation from the London School of Economics, and a B.A. in Government and Environmental Studies from Dartmouth College, USA in 2003.



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## **Rikke Munk Hansen**

**CHIEF, ECONOMIC AND ENVIRONMENT**  
UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

Rikke Munk Hansen manages the economic and environment statistics programme of the United Nations Economic and Social Commission for Asia and the Pacific.

Rikke has worked on development issues in Asia and the Pacific during the past 20 years, focusing on sustainable energy, then evaluation, and now statistics.

Earlier, Rikke worked in the Danish Government, first with the Army and later the Environment and Energy Ministry.

Rikke holds a master's degree in mathematics and computer science and is a certified teacher.



## **Suzanna Sumkhuu**

**SENIOR DEVELOPMENT POLICY AND PLANNING SPECIALIST**  
NATIONAL DEVELOPMENT AGENCY OF MONGOLIA

Suzanna Sumkhuu is the Senior Development Policy and Planning Specialist at the National Development Agency of Mongolia. Her primary working areas include developing integrated long and medium-term national development policies, ensuring policy coherence and stability by providing methodological analysis and inputs to the government, and coordinating the localization/mainstreaming of the Sustainable Development Goals in Mongolia. She is the technical focal point for the preparation of Mongolia's Voluntary National Review 2019.

## **Session: Means of Implementation: Enabling Policies and Regulatory Frameworks/Institutional Architectures: Addressing the Environmental Dimensions of the SDGs in Socioeconomic Policies/Importance of Environmental Data to Inform Policy Development**

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**Suzanna Sumkhuu**

**SENIOR DEVELOPMENT POLICY AND PLANNING SPECIALIST**  
NATIONAL DEVELOPMENT AGENCY OF MONGOLIA

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**Aneta Nikolova**

**ENVIRONMENTAL AFFAIRS OFFICER AND ENGINEER**  
UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

Aneta Nikolova is an Environmental Affairs Officer and Engineer of the Environment and Development Policy Section, Environment and Development Division, UN ESCAP. She has a rich professional experience in sustainable development policy analysis, development and advocacy, as well as capacity development, institutional strengthening and technical assistance to developing countries and countries with economies in transition in Europe, Africa, and Asia and the Pacific. She has broad educational background with degrees in Scientific Information Management, Hydrogeology and Engineering Geology (Engineer) and European Politics and Administration.

Ms. Nikolova has been leading a regional capacity development programme on green growth since 2005 when the approach was adopted at the 5<sup>th</sup> Ministerial Conference on Environment and Development for Asia and the Pacific (March 2005 to 2014), and lead a team that developed two e-learning courses, including the Low Carbon Green Growth delivered through a blended on-site/online training of trainers programmes.

She champions an integrated approach to the implementation of the SDGs and has led the development of ESCAP methodology for integration of the SDGs into national planning. The methodology using systems thinking approach was developed initially for assessment of the interlinkages between SDG 6 on water and sanitation and the other 16 SDGs at the target level.



## **Devesh Sharma**

**FACULTY, DEPARTMENT OF ATMOSPHERIC SCIENCE**  
CENTRAL UNIVERSITY OF RAJASTHAN, INDIA

Devesh Sharma is currently associate professor and head of the Department of Atmospheric Science at Central University of Rajasthan (CURAJ) in Rajasthan, India. He obtained his Doctor of Engineering Degree in Integrated Water Resources Management from the Asian Institute of Technology, Thailand. His specializations as an academic and as a professional are Integrated Water Resources Management and Climate Change. He has completed various research projects with international recognized institutes like Institute for Global Environmental Strategies (Japan); Asian Institute of Technology (Thailand); Swedish Meteorological and Hydrological Institute (Sweden); Thuyloi University (Vietnam); United Nation University (Japan). He has over 40 publications in form of international journals, book chapters and conference proceedings. His keen research areas are Climate Change and Water Resources, Integrated Water Resources Management, Water-Energy-Food Nexus.



## **Peter King**

**SENIOR POLICY ADVISOR**  
INSTITUTE FOR GLOBAL ENVIRONMENTAL STRATEGIES

Following work for ADB as a consultant in 1984-88, Dr. Peter King started work with the ADB in March 1991 as an Environment Specialist in the Office of Environment. He established a sound reputation as ADB's leading natural resources management expert, with responsibility for over 50 loan and TA projects. In 1998, he was awarded a Doctor of Philosophy (Environmental Science) degree from Murdoch University in Perth, with a thesis entitled "Integrated Economic and Environmental Planning at the Subnational Level in Asia." In 2005, he took early retirement from ADB and is currently a Senior Policy Advisor for the Institute for Global Environmental Strategies in Bangkok, heads the Asian Environmental Compliance and Enforcement Network secretariat, is a member of the Climate Change Asia Coordination Group, was Team Leader, Adaptation Project Preparation and Finance on the USAID Adapt Asia-Pacific project, and is a Coordinating Lead Author for the Global Environment Outlook.





## **Kinga Wangmo**

**SENIOR PLANNING OFFICER**  
GROSS NATIONAL HAPPINESS COMMISSION OF BHUTAN

Kinga is a Senior Planning Officer with the Gross National Happiness Commission (Gross National Happiness Commission has the mandates of Planning Commission in some other countries). She has worked as District Planning Officer for the last twelve years. With her role, she provided guidance to the local government in formulating their five year plans; prepared annual plans for the local governments; monitored development plan implementation; reported to higher authorities the implementation progress; and evaluated the impacts of each activity on the overall development and poverty reduction of the local governments. She is particularly interested in working with the community, after having worked at the local level for several years.

She obtained her master's degree in Public Policy with specialization on Policy Analysis from the Australian National University.



## **Simon Olsen**

**CONSULTANT**  
ASIAN DEVELOPMENT BANK

Simon is an international sustainable development expert with over 13 years of experience in sustainable development and environmental governance ranging from policy research to project design and management. His recent work has involved supporting governments in the Asia-Pacific region strengthen their response to the environment-related SDGs (sustainable consumption and production; life below water, and life on land), as part of an Asian Development Bank (ADB) project. His areas of expertise include civic engagement and evaluation; cross-sectoral integration of environment-related SDGs into implementation planning, and the political economy of SDG localization. He has a master's degree in Southeast Asian Studies from the University of Copenhagen and is a PhD Candidate with the Department of Environmental Sciences and Policy at the Central European University in Budapest.

## **Session: Means of Implementation for Environment Indicators, Data Monitoring and Evaluation: Improving Environmental Data Collection and Management for Monitoring and Reporting on the Environment Dimensions of the SDGs**

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**Kim Thi Thuy Ngoc**

**PROJECT MANAGER**

INSTITUTE OF STRATEGY ON NATURAL RESOURCES AND ENVIRONMENT (ISPONRE)

MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT (MONRE)

Ms. Kim Thi Thuy Ngoc is working at the Institute of Strategy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resources and Environment (MONRE). She graduated at Ha Noi National University in 1994 with major subject on biodiversity. She also earned her Master of Science at Asian Institute of Technology (AIT), Bangkok, Thailand. She attained her Ph.D at Ha Noi National University

Dr. Ngoc has been working at the Institute of Strategy on Natural Resources and Environment (ISPONRE) since 2008. She has participated in a number of international and national projects on natural resources and environment (i.e Project for Ecosystem Services; Core Environment Program; Poverty and Environment Project; Wealth Accounting and Valuation of Ecosystem Services, Valuing the Forests – an application of natural capital accounting (NCA) in Viet Nam and Lao; Conservation of Critical Wetland Protected areas and linked landscapes and linkage landscape; Investing in natural capital and sustainable transport in the Mekong Sub Region – a case study in Viet Nam, etc.)



**Uyangaa Burenduuren**

**ENVIRONMENTAL STATISTICIAN**

NATIONAL STATISTICS OFFICE OF MONGOLIA

Uyangaa Burenduuren is the Environmental Statistician at the National Statistics Office of Mongolia. Her primary working areas include synthesizing and analyzing environmental statistics data in appropriate ways, and disseminating the results of these analysis to the government and users. She served as the technical focal point for the project sub-component 'Improve Environmental Statistics for Supporting Implementation of the eSDGs' at the NSO by developing project documents, TORs, providing substantive input and feedback on project deliverables, and facilitating administrative and substantive areas of support.



## **Batzorigt Yunden**

**STATISTICIAN**

DEPARTMENT OF NATIONAL STATISTICS OFFICE OF MONGOLIA

Mr. Batzorigt Yunden is Statistician of National Account and Statistical Research Department of National Statistics Office of Mongolia. His responsibilities are to compile sub accounts of the System of Environmental-Economic Accounting, namely material flow account, environmental protection expenditure account and energy physical supply and use table and net export side in expenditure approach of GDP. He is also the spokesperson for press conference of socio-economic situation in Mongolia, organized every month for the public.

Coordination is crucial for his work as he has to liaise with employees from other sections and ministries in order to estimate accounts. His work involves checking related data: if there is any error and clarifies those errors and corrects them through approved methodologies. After these processes, he compiles sub accounts of the System of Environmental-Economic Accounting.

He is currently working on pilot estimating water account and solid waste account, a sub accounts of the System of Environmental-Economic Accounting.