

## *"Chemicals and Waste Management beyond 2020"*

# **Sound Management of Chemicals and Waste: Artisanal and Small-Scale Gold Mining**

### **Speakers' Bios**

#### **1. Tim Scott**



Tim Scott serves as a Senior Policy Advisor on Environment for the United Nations Development Programme based in New York. He is a Team Leader on Environmental Governance within the Nature, Climate and Energy Team of the Bureau for Policy and Programme Support and Global Policy Network. He oversees a portfolio of global projects and initiatives designed to help advance the 2030 Agenda by mainstreaming environmental, social, and economic concerns into the planning, financing, and implementation of national and sector policies for mining, forests, agriculture, and other economic activities. This work includes a focus on inclusive green economy, circular economy, and human-rights-based approaches. He has over twenty-five years of international experience including a variety of assignments with the UN, government and civil society on the intersection of environmental sustainability, societal progress, governance, and economic growth. These include policies and programmes linked to biodiversity, climate change, the poverty-environment nexus, FDI, trade and economic management, public administration, and gender equality.

#### **2. Evelyn Swain**



Evelyn Swain is a Senior Environmental Specialist at the Global Environment Facility (GEF), housed at the World Bank, where she oversees investments to reduce harmful chemical pollution. She is the chemicals and waste lead for Latin America, Eastern Europe, Central Asia, and the Middle East. She works on issues related to the international agreements on chemicals, including the Stockholm Convention, Minamata Convention, Montreal Protocol, and the Strategic Approach to International Chemicals Management (SAICM). Before that, she was at US Environmental Protection Agency, where she was responsible for initiatives addressing ozone layer protection and climate change. She helped manage US implementation of the Montreal Protocol, and launched public-private partnerships across industry sectors to reduce greenhouse gas emissions. Evelyn is a US national with a B.S. from the University of Massachusetts and a M.S. from Johns Hopkins University.

### 3. Ludovic Bernaudat



Ludovic Bernaudat is Senior Task Manager in UNEP Chemicals and Waste GEF unit where he leads the technical team developing and implementing projects. He joined UNEP in 2015 and had been leading the developments of multi-agency programmes including the planetGOLD programme. Before joining UNEP, he worked for 15 years in UNIDO where he led projects on Artisanal and Small Scale Gold Mining, cleaner production and eco-cities. He led the development of the agency's mercury programme. Additionally, he has been the co-lead of the UNEP Global Mercury Partnership area on Artisanal and Small Scale Gold

Mining since its inception in 2007. He has a MSc in Environmental Sciences and is currently based in Geneva, Switzerland.

### 4. Susan Egan Keane



Susan is the Senior Director of Global Strategies, in the International Program of the Natural Resources Defense Council. Susan is a public health specialist with over 30 years of experience working on domestic and international environmental health issues. Her work has covered a range of topics, including control of toxic chemicals, air pollution regulation, pesticides management, and water quality standards and criteria, as well as several regions of the world, including Africa, East Asia/ Central Asia, Latin America and the Caribbean and the Middle East.

Most recently Susan has focused her advocacy on reducing global mercury pollution, particularly in artisanal and small-scale gold mining. She was directly engaged with governments during the negotiations of the Minamata Convention on Mercury, which entered into force in August of 2017. She is now working with the UN agencies, countries and NGOs to put the Convention into action.

In particular, she is working with the Global Environment Facility (GEF) and UNEP on the GEF-funded planetGOLD programme to reduce mercury use in artisanal and small-scale gold mining in eight countries. She is also the co-leader of the ASGM Area of the United Nations Environment Program Global Mercury Partnership. Susan holds a Master's degree in environmental health management from the Harvard School of Public Health.

## 5. Baiq Dewi Krisnayanti, PhD



National Project Manager, GOLD-ISMIA Project, UNDP Indonesia

In the last 11 years, after she graduating from Lincoln University of New Zealand on sustainable restoration of gold mine site, the ASGM activity in Lombok Island just started and she realize that “the invisible environment catastrophe caused by mercury is occurring in her backyard”. Then her research focusing on ASGM sector is began, start from the impact of mercury on environment (soil, water, plant, fish) then expand to socio-economy till human health, and continue to gold phytomining. By joining the GOLD-ISMIA project is carrying on

her passion on stopping environment and future generation disaster impacted by mercury use in ASGM. It is a huge leap for getting attention by flying the “yellow flag” through her words on the journals to direct programs for miners.

## 6. Mario Rodas



Mario Rodas has more than 15 year of experience developing projects of characterization and remediation of impacted sites, audits and environmental and safety due diligence in Ecuador, Peru, Argentina and Spain. Graduated as an Environmental Engineer, he also holds a Master's Degree in Environmental Engineering and Renewable Energies from the University of Iceland, specializing in the use of renewable energy, life cycle analysis (LCA) and sustainable development.

Mario is a member of the Expert Panel of the Stockholm Convention on Persistent Organic Pollutants. He coordinated projects on hazardous chemicals for UNDP for more than 6 years. He currently working as a Programme Officer in the Environment and Energy Area of UNDP Ecuador, supporting projects on Climate Change, International Waters and Chemicals.

## 7. Kirsten Dales



Kirsten Dales is engaged by UNDP as a Senior International Expert on Artisanal and Small-scale Gold Mining (ASGM) Expert to the Montreal Protocol, Chemicals and Waste Unit. In this capacity she is supporting national and local governments, private sector partners and NGOs in the development of planetGOLD+ projects in Ghana, Suriname and Honduras. She supports United Nations, governments, academic institutions and communities on responsible sourcing and livelihoods with a passion for environmental stewardship, natural resource governance and supply chain due diligence (minerals, metals, timber). Kirsten Dales holds a B.Sc. in Biology and Chemistry from the University of Calgary, MSc. in Environment and Management from Royal Roads University and is pursuing a joint PhD. In mining engineering and Arthrology from the University of British Columbia, Canada. A Canadian citizen, she currently lives in Nairobi Kenya.