INVITATION
An evidenced-based approach to resilient, sustainable infrastructure: tools and experiences
Talk in the run-up to the next UN Environment Assembly

📅 Thursday 15 November 2018  🕒 10:00-12:00
📍 International Environment House II (7-9 chemin de Balexert - Geneva)

Facing huge global challenges and an uncertain future, governments need to improve the long-term planning of infrastructure to ensure that the choices made now, against a backdrop of global population growth, rapid urbanization and climate change, are most appropriate to achieve long-term development goals of their nations. How can policy tools and data better support governments in their decision-making processes towards a resilient and sustainable future?

UNOPS and Oxford University lead the 'Infrastructure Transitions Research Consortium' (ITRC), who will present on this important question and explore practical ways of developing resilient, sustainable infrastructure through the application of existing tools and processes, illustrated with diverse case studies drawn from the ITRC’s experiences to date.

UN Environment believes that innovative solutions to sustainable infrastructure from nature-based infrastructure solutions to smart & green technology deployment and integrated lifecycle assessment - would be crucial to unlock investment, foster partnership, and catalyze actions in response to these sustainability/environmental challenges, while proper decision making will lead to longer-lasting investments.

In the run-up to the next UN Environment Assembly, themed “Innovative solutions for environmental challenges and sustainable consumption and production”, UN Environment, within the framework of the Geneva Environment Network, is pleased to host a talk that will feature the UNOPS/ITRC National Infrastructure Systems Model (NISMOD-int) and its application in Curaçao, and Palestine, as well as a Capacity Assessment Tool for Infrastructure (CAT-I) and country work carried out in Brazil, Serbia and Nepal.

Welcome 10:00-10:10
Fulai SHENG, Head, Economic & Fiscal Policy Unit, Resources & Markets Branch, UN Environment

Keynote 10:10-11:00
Steven CROSSKEY, Head, Strategic Initiatives Infrastructure and Project Management Group, UNOPS
Scott THACKER, Senior Analyst, UNOPS, and Honorary Research Associate, Environmental Change Institute, University of Oxford

Discussion and Q&A 11:00-12:00
Emily FRANKLIN, Economic & Fiscal Policy Unit, Resources & Markets Branch, UN Environment

Livestream on https://www.facebook.com/GenevaEnvironmentNetwork/

REGISTRATION goo.gl/VZYyd6
Steven Crosskey is a Civil Engineer with nearly 30 years of experience in the Civil Engineering industry, within both the private and development sectors. Steve has worked primarily in the planning and management of infrastructure projects involving urban and rural development initiatives, with a focus on road infrastructure and including access to markets, food security, and conflict sensitivity. In 2014, Steve joined the United Nations Office for Project Services (UNOPS). In his current role, has worked inter alia on new strategies to assist governments to provide infrastructure and project management solutions in the context of the global agendas, including the development of innovative tools to enhance the capacity of governments to plan, deliver, and manage infrastructure systems to meet development challenges. Steve holds a BEng. Honours in Civil Engineering from Oxford Brookes University.

Scott Thacker has 11 years of academic and professional experience with an international profile in infrastructure systems sustainability and resilience analysis. In his role with UNOPS, Scott is developing and demonstrating a range of pioneering infrastructure models and tools to support countries in prioritizing infrastructure investments and policies, to underpin national development objectives. Alongside interaction with infrastructure practitioners, Scott is an active member of the academic community. Scott holds a PhD in infrastructure systems modelling from the University of Oxford, an MSc in hydro-informatics and water management from Newcastle University and a BEng in civil engineering from Loughborough University.

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