



SESSION DESCRIPTION FORM 2.

10TH WORLD WATER FORUM

This Session Description Form 2 is for the specified program of the session. Please complete this form no later than 28th of February 2024.

**The session description 1 (online form) is separately requested for the session coordinators to deliver a concise session outline with the contact info and the logistical requests.*

Session Code and Title:

CC2: Climate resilient infrastructure: blending green and grey, traditional and non-traditional approaches to meet water security needs in a climate changed world.

Session Coordinators (Name, Position, Organization, email, mobile number):

Neil Dhot, Executive Director, AquaFed. Neil.dhot@aquafed.org +447780979499
Cesarina Quintana Garcia, Deputy Director Governance Project Natural Infrastructure for Water Security, Forest Trends. cquintana@forest-trends.org +51- 992708330
Gena Gammie, Water Initiative Director, Forest Trends. ggammie@forest-trends.org, +1 808-264-4471

Session Description including objectives and expected outcomes (500 words maximum):

There are a growing number of examples around the world where a combination of green and grey infrastructure is increasing resilience and water security for the short and long term.

Research shows that these hybrid solutions really work and can be replicated and scaled up. We are starting to see a wide variety of possible combinations of green and grey infrastructure for water, such as constructing wetlands that naturally treat industrial wastewater, or 'floodable parks' which can protect urban neighborhoods from torrential rain. Rather than being seen as totally separate, grey and green solutions can go hand in hand for the optimal solutions.

This session will look at some of the latest examples of blended and mixed approaches to green and grey, traditional and non-traditional approaches to climate resilience and understand how these can be replicated and improved. The discussion will include how to finance these solutions, implementation challenges and best practices.

Need to indicate here:

Session objectives (max 3 bullets)

- To explain what is meant by 'green infrastructure' and its connection to water.
- To build a joint understanding of climate resilience and how it can be supported by blending green and grey infrastructure.
- To understand the key barriers that must be overcome to mainstream green-grey approaches for climate resilient infrastructure.

Session outcomes (max 3 bullets)

- Audience members and panelists have an improved, practical understanding of what climate resilient infrastructure is and how green-grey approaches contribute to it.
- Audience members and panelists identify opportunities for promoting south-south collaboration to advance climate-resilient infrastructure through green-grey approaches.
- An article (e.g., published as a blog) will summarize the main findings of the session.

Detailed Session plan : (90 minute session)

EST. TIMING		ITEM	SPEAKERS
			Introduction
2 mins	0:00 - 0:02	Welcome Intro to Opening Remarks	Cesarina Quintana, Deputy Director, NIWS, Forest Trends
8 mins	0:02 - 0:10	Opening remarks	TBD, Government of Indonesia
10 mins	0:10 - 0:20	Building Climate Resilience through Blending Green and Grey Infrastructure in Peru's National Drinking Water and Sanitation Plan	TBD, Ministry of Housing, Sanitation, and Construction in Peru
			Panel Discussion
25 mins	0:20 - 0:45	Moderator introduces panelists and In their opening reflections panelists will share: <ul style="list-style-type: none"> - What is needed to make infrastructure climate resilient in your context? - What does blending green and grey infrastructure look like in your context? How does it support climate resilience? - How is your organization incorporating climate resilience and green infrastructure into your core business? - What are the barriers to mainstreaming green-grey infrastructure? 	Moderator: Frédéric Van Heems, President, AquaFed* <u>Panel:</u> Franz Rojas, CAF* TBD, SABESP* TBD, Indigenous representative TBD, Ministry of Housing, Sanitation, and Construction in Peru
15 mins	0:45 - 1:00	Moderated panel discussion on the barriers to mainstreaming green-grey infrastructure, with Q&A	Full panel (incl. Ministry of Housing from Peru), moderator and audience
			Small group discussion
20 mins	1:00- 1:13	Small groups breakout: <ul style="list-style-type: none"> - What are the examples green-grey infrastructure contributing to climate resilience in your context? - What are the key barriers to mainstreaming this approach? 	Audience
	1:13 - 1:20	Moderator gets each small group to share one reflection	
			Closing remarks
1 min	1:24	Thank you to audience and panel, intro to closing remarks	Moderator: Frédéric Van Heems, President, AquaFed*
6 mins	1:30	Summarize key takeaways from discussion	Gena Gammie, Water Initiative Director, Forest Trends

*To be confirmed