

**LEAVING NO ONE BEHIND: SUSTAINABLE WASH SERVICES IN A RAPIDLY CHANGING  
CONTEXT**

**23 MAY TO 3 JUNE 2022  
VIRTUAL FORMAT**

Jointly sponsored by the

**SINGAPORE COOPERATION PROGRAMME**

and the

**UNITED NATIONS CHILDREN'S FUND (UNICEF)  
EAST ASIA AND PACIFIC REGIONAL OFFICE**

under the

**SINGAPORE-UNICEF JOINT TRAINING PROGRAMME**

to be conducted by the

**PUB, SINGAPORE'S NATIONAL WATER AGENCY –  
SINGAPORE WATER ACADEMY**

and the

**UNICEF**

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### **Singapore Cooperation Programme**

Singapore has provided technical assistance to other developing countries since the 1960s. As a country whose only resource is its people, Singapore believes that human resource development is vital for economic and social progress. Singapore itself has benefited from training provided by other countries and international organisations.

In 1992, the Singapore Cooperation Programme (SCP) was established to bring together under one framework the various technical assistance programmes offered by Singapore. Through the SCP, the range and number of training programmes were increased to share Singapore's development experience with other developing countries.

To date, over 137,000 officials from more than 180 countries and territories have participated in our courses and study visits. The SCP is managed by the Technical Cooperation Directorate of the Ministry of Foreign Affairs, Singapore.

### **UNICEF**

UNICEF works in over 190 countries and territories to save children's lives, to defend their rights, and to help them fulfil their potential, from early childhood through adolescence. UNICEF has spent 70 years working to improve the lives of children and their families. Safe water, improved sanitation and good hygiene (WASH) is a foundation for development towards health, equity, gender equality and education and is at the center of the 2030 agenda for Sustainable Development. Goal 6 of the Sustainable Development Goals (SDGs), aims to "ensure availability and sustainable management of water and sanitation for all". UNICEF works within the framework of this new development agenda to support governments in achieving these goals. Several countries in East Asia and Pacific region have achieved middle income status and are undergoing rapid economic changes.). Despite steady progress in Water and sanitation sector pneumonia and diarrhoea remain the biggest killers of children under five-years-old in this region. Sanitation and hygiene remain among

the main contributing factors to high child mortality and under-nutrition (stunting and anaemia) rates.

Similarly, disparities in access to safe water and sanitation reveal persisting inequities, with rural areas, urban slums and poorest part of the population lagging far behind. The COVID-19 pandemic has exacerbated the urban and rural WASH access inequality. Our approach is to strengthen national systems and capacity through a mix of community based-activities and collecting evidence to advocate for equitable national and sub-national investments in children. With our partners, and in support of the Sustainable Development WASH Goals and Targets, UNICEF works, amongst other areas, to i) help governments design and implement appropriate gender sensitive policies, national standards and guidelines, build institutional capacity and develop interventions and ii) provide training and resources for communities to improve water quality, secure water supplies and safer sanitation facilities. For more information on UNICEF, please visit <https://www.unicef.org/what-we-do>.

### **PUB, Singapore's National Water Agency**

PUB is the national water agency, and manages Singapore's water supply, water catchment and used water in an integrated way. PUB has ensured a diversified and sustainable supply of water for Singapore with the Four National Taps – local catchment water, imported water, high-grade reclaimed water known as NEWater, and desalinated water. Its approach to water management can be distilled into three key strategies: collect every drop of water, reuse water endlessly, and desalinate more seawater.

### **Singapore Water Academy**

To enhance capability development, PUB has set up the Singapore Water Academy (SgWA), a practitioner-focused institution in urban water management.

Besides providing training for PUB staff, the Academy also trains the industry to strengthen current competencies and develop future capabilities. It welcomes international participants to its programmes, which address engineering, operations, business leadership and governance.

### **Course Objectives**

Conducted in collaboration with UNICEF, this course shares skills and knowledge on water management,

urban sanitation, drinking water quality monitoring, innovative financing and knowledge management.

### **Course Outline**

The course would cover topics such as:

- Water, Sanitation and Hygiene (WASH) strategy and tools with a focus on equity in WASH;
- Global and regional status and implications for WASH in the context of SDGs;
- WASH Enabling Environment and WASH Bottleneck Analysis for sustained WASH services;
- WASH sector tools and approaches such as: Circular economy, private sector engagement, WASH innovative financing;
- Integrated management of water resources, water quality, potable water and used water in Singapore;
- Water sustainability and circular economy in Singapore;
- Water Pollution Control and Strategies;
- Innovative financing for WASH services; and
- Best practices in knowledge management, communication, and advocacy for WASH.

### **Methodology**

This short course will mix lecture, discussion, and practical exercise with the aim of maximising engagement and exchange of experience among participants. Zoom platform will be used for online lectures and discussions (polls, chat, and Q&A). Videos and learning materials will be assessed via mobile learning platform for self-study. Participants will also have adequate opportunity to share their experiences, learning points and challenges in an online discussion forum.

### **Regulations**

Participants are required to comply with the following:

- Strictly observe course schedule and not miss training sessions, and;
- Carry out instructions and abide by conditions as may be stipulated by the nominating Authority or Government, the Government of Singapore, UNICEF and SgWA, with respect to the course.

## Duration

The webinars will be held on **23 to 26 May 2022** and **30 May to 3 June 2022**, from **14:00 to 17:15 (Singapore time; UTC+08:00)** on each of these days. Please see Annex for the draft programme (subject to changes).

## Application Information

Applicants should be:

- Mid-to senior-level government officials working in the water supply, water management, sanitation and hygiene, public health departments, including officials representing urban and rural WASH and urban mayors;
- Able to attend **all** the synchronous e-learning sessions. Applicants will require an internet-enabled device with Zoom installed, and an internet-enabled device with functioning webcam, microphone and audio;
- Nominated by their respective Governments;
- Proficient in written and spoken English as the course is conducted fully in English without translation; and
- In good health.

## Terms of Award

The course is sponsored by the Government of Singapore and UNICEF under the Singapore-UNICEF Joint Training Programme.

## Application Procedure

(Closing date for nomination: **22 April 2022**)

The Government of Singapore is pleased to invite the respective National Focal Point for Technical Assistance (NFP) to nominate **two (2)** suitable applicants. Selection of candidates will be based on merit. Should there be more applicants than training places, the Government of Singapore and the UNICEF seeks the understanding of the respective NFP in the event that its nominee(s) is not selected.

All nominees are to submit their applications online at <http://www.go.gov.sg/wash2022> by **Friday, 22 April 2022**. NFPs are also required to endorse nominees via email links. Instructions and FAQs for Applicants and NFPs can be found at the links below:

- Applicants: <https://go.gov.sg/start-guide>

- NFPs: <https://go.gov.sg/start-nfp>

### Note:

- Participants who complete all course assignments and attend 66% of 'live' e-learning sessions, will receive an electronic certificate of completion from the SCP;
- Please refrain from making telephone and email inquiries on the status of your application while your application is being processed; and
- The **Ministry of Foreign Affairs, Singapore** will inform all applicants of the outcome of their applications. The NFP will also be informed directly.

### Follow us at:

- SCP Website: [www.scp.gov.sg](http://www.scp.gov.sg)
- Facebook: [www.facebook.com/SCPFriends](https://www.facebook.com/SCPFriends)

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## Singapore-UNICEF WASH Programme 2022 (Virtual) (as at 15 March 2022)

Singapore – UNICEF WASH Partnership, 23 <sup>rd</sup> May – 3 <sup>rd</sup> June 2022 (Virtual Programme)					
Start 14:00 SGT	Day 1 (23 May) Monday	Day 2 (24 May) Tuesday	Day 3 (25 May) Wednesday	Day 4 (26 May) Thursday	Day 5 (27 May) Friday Rest Day
14:00-15:30 SGT	<b>Session 1.1a: (Joint Module) Welcome, Opening</b> – Welcome & Opening Remarks (MFA and UNICEF) and Photo Session via online platform  <b>Opening remarks by UNICEF and MFA</b>	<b>Session 2.1a: Recap of Day 1</b>	<b>Session 3.1a: Recap of Day 2</b>	<b>Session 4.1a: Recap of Day 3</b>	
	<b>Session 1.1b: (UNICEF Module) Programme and SDG Overview</b>  <i>Mr Evariste Kouassi-Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 2.1b: (PUB Module) Integrated Water Quality Management – Ensuring Safe Drinking Water</b>  <i>Dr Lim Mong Hoo, Senior Consultant (Water Quality), PUB</i>	<b>Session 3.1b: (PUB Module) Integrated Used Water Management– Waste to Resource</b>  <i>Dr Winson Lay, General Manager, Water Reclamation Plant Department, PUB</i>	<b>Session 4.1b: (PUB Module) PUB's Approach towards Water Sustainability</b>  <i>Dr Elaine Quek, Deputy Director, Policy &amp; Planning Department, PUB</i>	
15:30-15:45 SGT	<b>Tea Break</b>	<b>Tea Break</b>	<b>Tea Break</b>	<b>Tea Break</b>	
15:45-17:15 SGT	<b>Session 1.2: (PUB Module) From Scarcity to Sustainability: Integrated Water Resources Management in Singapore</b>  <i>Mr Chan Yoon Kum, Senior Consultant, PUB</i>	<b>Session 2.2a: (PUB Site Briefing) Marina Barrage</b>  <i>Mr Khairil Anwar Bin Makktom, Dy General Manager, Marina Barrage, Catchment and Waterways Department, PUB</i>	<b>Session 3.2a: (PUB Module) Changi Water Reclamation Plant</b>  <i>Mr Lee Kah Seng, Chief Training Specialist, Singapore Water Academy, PUB</i>	<b>Session 4.2: (UNICEF Module) UNICEF's WASH Strategy and practices</b>  <i>Ms Brooke Yamakoshi WASH Specialist, UNICEF</i>	
		<b>Session 2.2b: (PUB Site Briefing) Lower Seletar Waterworks</b>  <i>Mr Lau Choon Leng, Principal Training Specialist, Singapore Water Academy, PUB</i>	<b>Session 3.2b: (PUB Site Briefing) Implementing Circular Economy - Case Study of Tuas Nexus</b>  <i>Mr Mark Wong, Chief Engineer, Deep Tunnel Sewerage System 2 Department, PUB</i>		
17:15 SGT	<b>End of Day 1 Programme</b>	<b>End of Day 2 Programme</b>	<b>End of Day 3 Programme</b>	<b>End of Day 4 Programme</b>	

Singapore – UNICEF WASH Partnership, 23 <sup>rd</sup> May – 3 <sup>rd</sup> June 2022 (Virtual Programme)					
Start 14:00 SGT	(30 May) Monday	Day 6 (31 May) Tuesday	Day 7 (1 June) Wednesday	Day 8 (2 June) Thursday	Day 9 (3 June) Friday
14:00-15:30 SGT	<b>Session 5.1a: Recap of Day 4</b>	<b>Session 6.1a: Recap of Day 4</b>	<b>Session 7.1a: Recap of Day 5</b>	<b>Session 8.1a: Recap of Day 6</b>	<b>Session 9.1a: Recap of Day 7</b>
	<b>Session 5.1b: (UNICEF Module) Targeting the most marginalized in Urban and Rural WASH – Tools and methods</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 6.1b: (UNICEF Module) WASH Accountability for sustained services</b>  <i>Ms Brooke Yamakoshi, WASH Specialist, UNICEF</i>	<b>Session 7.1b: (UNICEF Module) Financing in WASH</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 8.1b: (UNICEF Module) Knowledge Management and Learning</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 9.1b: (Joint Module) Facilitated Discussion for Action Planning</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF and Ms Brooke Yamakoshi, WASH Specialist, UNICEF</i>
15:30-15:45 SGT	<b>Tea Break</b>	<b>Tea Break</b>	<b>Tea Break</b>	<b>Tea Break</b>	<b>Tea Break</b>
15:45-17:15 SGT	<b>Session 5.2: (UNICEF Module) WASH Enabling Environment – Bottleneck Analysis Tools and Methods</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 6.2: (UNICEF Module) Addressing Cross – Cutting issues in WASH programming (Gender, Social inclusions, youth, Adolescents, change)</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF</i>	<b>Session 7.2a: (PUB Module) PPP Approach for Water Infrastructure Projects</b>  <i>Mr Ong Key Wee, Head, Public Private Partnership Management, PUB</i>	<b>Session 8.2a: (Joint Module) NGO sharing / Industry Networking Panel discussion</b>  <i>Ms Winnie Tan, Senior Asst. Director, Industry and Technology Collaboration Department, PUB</i>	<b>Session 9.2a: (Joint Module) Sharing and Presentations for Action Planning</b>  <b>Closing remarks by MFA and UNICEF</b>
			<b>Session 7.2b: (PUB Site Briefing) Marina East Desalination Plant (MEDP)</b>  <i>Mr Jason Wong, Head (Water Plants), Water Services, Keppel Seghers Engineering Singapore Pte Ltd</i>	<b>Session 8.2b: (Joint Module) Facilitated Discussion for Action Planning</b>  <i>Mr Evariste Kouassi- Komlan, Regional Adviser WASH, UNICEF and Ms Brooke Yamakoshi, WASH Specialist, UNICEF</i>	
17:15 SGT	<b>End of Day 5 Programme</b>	<b>End of Day 6 Programme</b>	<b>End of Day 7 Programme</b>	<b>End of Day 8 Programme (Programme may end later depending on individual group's discussion)</b>	<b>End of MFA-UNICEF WASH Programme</b>