

## Concept Note

### Southeast Asia Water Security - IWRM Regional Conference

Organized back-to-back with 2<sup>nd</sup> stakeholder consultation meeting 10<sup>th</sup> World Water Forum

**Bali, 10-11 October 2023**

(per 06 October 2023)

## Background

In 2020 - 2022, Global Water Partnership Southeast Asia (GWP-SEA) together with its Country Water Partnerships (CWPs) from Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Thailand and Vietnam have joined forces to streamline its core activities to ensure scaled adoption and implementation of Integrated Water Resources Management (IWRM) implementation in the region, to continue the result of SDG 6.5.1 IWRM monitoring through [SDG 6 Support Programme](#). These integrated activities have resulted in a comprehensive IWRM assessment based on water security themes and identification of the priority challenges and action recommendations for IWRM implementation in each country. The identification was conducted through a multistakeholder consultation process led by CWPs in the respective countries and the result of the consultation is documented into a Multi-stakeholder Position Paper (MPP).

Furthermore, in 2022, CWPs have identified regional challenges that should be systematically discussed at the regional level and followed up with clear solutions. GWP-SEA has consolidated the regional challenges identified by CWPs and has further identified priority challenges to be selected as the main topics of discussion during the Southeast Asia Water Security – IWRM Regional Conference.

Three priority challenges have been identified to be the main topic of the regional conference, namely: (i) competition for water between sector (efficient water allocation); (ii) acceleration of Safe WASH access; and (iii) urban flood risk reduction. Based on these three priority challenges, GWP SEA has launch a call for innovative solutions for each challenge. Nine (9) selected innovators will be invited to present their solutions, and upon attracting the interest of governments, GWP SEA will facilitate further discussion between the innovators and the respective governments for potential implementation of the solution.

As these challenges happens at the country and transboundary level, GWP SEA in collaboration with UNECE, UNESCO, and FAO takes the discussion of this regional conference on transboundary water cooperation challenges with data exchange as the main topic of the discussion. This will be highlighted on the second day of the regional conference.

The regional conference is designed in problem-solving approach, to allow countries that are facing these identified challenges can learn and address them.

## Objectives

The objectives of the conference are:

1. To share innovative solutions in addressing persistence challenges;
2. To facilitate implementation of innovative solutions as needed;
3. To introduce water cooperation frameworks as the basis for riparian countries to engage with each other
4. To build trust among riparian countries to cooperate at transboundary level;

## Target audience

- SDG 6.1 and 6.2 focal points
- SDG 6.5.1 country focal points
- SDG 6.5.2 country focal points
- Water-related national government representatives
- Donors
- INGOs and NGOs
- Universities/research institutes
- Practitioners
- Innovators
- Private/business entity

## Date and venue

Date : **10-11 October 2023 at 09.00 – 17.00 Bali Local Time (UTC/GMT +8 hours)**

Venue : **Grand Bali Nusa Dua Hotel, Jalan Raya Nusa Dua Selatan, Jl. Nusa Dua No.8,  
Benoa, Kec. Kuta Sel., Kabupaten Badung, Bali 80363**

## Event Format

Hybrid (in person and zoom online platform), Maximum 80 in-person/offline attendance.

<https://gwp-org.zoom.us/j/86494700532?pwd=CAAd6K5BZKnnhp4MPashCQxaTGOL140.1>

Meeting ID: 864 9470 0532

Passcode: 456732

## Rundown

### **Day 1, Tuesday, 10 October 2023 (full day – hybrid – Regional Conference)**

<b>Time allocation</b>	<b>Activity</b>	<b>Speakers/PIC</b>
08.00 – 09.00	Participant's arriving at the venue	GWP-SEA secretariat
09.00 – 09.05	Welcoming remark	GWP-SEA Regional Coordinator
09.05 – 09.15	Opening remark	GWP-SEA Chair (Online, Mr. Christopher Matthew Ilagan))
09.15 – 09.25	Opening remark	ASEAN Water Resources Management Working Group Chair (in-person, Dr. Inthavy Akkharath)
09.25 – 09.35	Opening remark	Asia Pacific Water Forum Vice Chair (APWF) (in-person, Dr. Changhua Wu)
09.35 – 09.50	Keynote speech: Indonesia 2045 vision on water security	Dr. Mohammad Irfan Saleh, Directorate of water resources, Ministry of Development and Planning (BAPPENAS), Indonesia
09.50 – 09.55	Group picture	GWP-SEA secretariat
09.55 – 10.05	Coffee break	GWP-SEA secretariat

Time allocation	Activity	Speakers/PIC
10.05 – 10.45	<p><u>Setting-the-Scene Plenary session:</u></p> <ol style="list-style-type: none"> <li>1. Presentation on regional challenges on IWRM/ water security in Southeast Asia</li> <li>2. Presentation on transboundary Water Cooperation challenges in Southeast Asia</li> </ol>	<ul style="list-style-type: none"> <li>• Fany Wedahuditama, GWP-SEA Regional Coordinator</li> <li>• Remy Kinna, Water Convention Secretariat</li> <li>• Dr Sokhem Pech, Freelance Legal, and Public Policy Specialist</li> </ul>
10.45 – 11.35	<p><b>Panel discussion:</b></p> <ul style="list-style-type: none"> <li>• <i>Are we addressing the problem or not? If yes, what works?</i></li> <li>• <i>If not, what are the bottlenecks?</i></li> <li>• <i>What is your doubt moving forward?</i></li> </ul>	<p>Moderator: GWP-SEA SC member (Dr. Moh. Amron, SC SEA from GWP Indonesia)</p> <p>Mr. Paul Glennie, UNEP-DHI (online) Mr. Ryuichi Fukuhara, UNESCO Jakarta</p>
11.35 – 12.00	Question and answer from participants	Moderator: GWP-SEA SC member (Dr. Moh. Amron, SC SEA from GWP Indonesia)
12.00 – 13.00	Lunch	GWP-SEA secretariat
13.00 – 13.45	<p><b>Theme:</b> Water for environment, economy, and development <b>Topic:</b> Water allocation (competition for water between sector)</p> <ol style="list-style-type: none"> <li>1. Keynote speech: Ms. Louise Whiting, FAO (Online)-10 minutes</li> <li>2. Innovative solutions presentation: <ul style="list-style-type: none"> <li>• Fresh Clean Water Everywhere (Magmatic Water) by Zander Agro Ilc (<b>Germany/Ukraine</b>)</li> <li>• MP-Buoy: Monitor and control algae blooms by LG Sonic B.V (<b>Netherlands</b>)</li> <li>• Smart Water Management System by JasaTirta 1 (<b>Indonesia</b>)</li> </ul> </li> </ol>	<p>Moderator: SEA SC member (Dr. Solieng, GWP Cambodia)</p> <p>Panelist: Ms. Caroline Turner, FAO (in-person)</p>
13.45 – 14.05	Q & A with participants (15 m)	<p>Moderator: SEA SC member (Dr. Solieng Mak, GWP Cambodia)</p> <p>Mentimeter respond from participants on: <i>What are the limiting factors to implement the presented solutions and what are the opportunities? (free text answer)</i></p>
14.05 – 14.45	<b>Theme:</b> Water for people (WASH)	Moderator: GWP SEA RC

Time allocation	Activity	Speakers/PIC
	<p><b>Topic:</b> Acceleration of safe WASH access</p> <ol style="list-style-type: none"> <li>1. Keynote speech: Kannan Nadar, UNICEF Indonesia (online)-10 minutes</li> <li>2. Innovative solutions presentation: <ul style="list-style-type: none"> <li>● Global Rainwater Management Program by Devram International (<b>India</b>)</li> <li>● Pumping water uphill to change lives in waterless communities worldwide by AIDFI (<b>Philippines</b>)</li> <li>● Water IQ by Yayasan Solar Chapter Indonesia (<b>Indonesia</b>)</li> </ul> </li> </ol>	<p>Panelist: Ms. Kusum Athukorala, Chairwoman of GWP South Asia</p>
14.45 – 15.00	Q & A with participants	<p>Moderator: GWP SEA RC Mentimeter respond from participants on: <i>What are the limiting factors to implement the presented solutions and what are the opportunities? (free text answer)</i></p>
15.00 – 15.10	Coffee break	GWP SEA
15.10 – 15.55	<p><b>Theme:</b> Water-related DRR &amp; Emergency Response <b>Topic:</b> Urban Flood Risks Reduction</p> <ol style="list-style-type: none"> <li>1. Keynote speech: Valentin Aich, Climate Specialist, GWP-WMO – 10 minutes</li> <li>2. Innovative solutions presentation: <ul style="list-style-type: none"> <li>● Water Intelligence: Monitoring, Assessment &amp; Alert System by KITE Collaboration - Kestrel Technologies, Imaginet International &amp; True Elements, Inc (<b>USA</b>)</li> <li>● The flood simulation system for public participation of local administrative organizations by Defense Technology Institute (<b>Thailand</b>)</li> </ul> </li> </ol>	<p>Moderator: SEA SC member (Dr. Atie Juniati, GWP Indonesia)</p> <p>Panelist: Dr. Le Van Minh, Chair GWP Vietnam</p>

Time allocation	Activity	Speakers/PIC
	<ul style="list-style-type: none"> <li>3rd Generation Express Flood Mitigation Using Elevated Large-Scale Aqueducts, Aqua Arteries and Nexus Weir by NEXUS EC SDN BHD (Malaysia)</li> </ul>	
15.55 – 16.10	Q & A with participants	Moderator: SEA SC member (Dr. Atie Juniati, GWP Indonesia) Mentimeter respond from participants on: <b>What are the limiting factors to implement the presented solutions and what are the opportunities? (free text answer)</b>
16.10 – 16.15	Information for Day 2	Mr. Fany Wedahuditama, GWP SEA Regional Coordinator
16:15	<u>Closing of Day 1</u>	Mr. Fany Wedahuditama, GWP SEA Regional Coordinator

\*Number of room depends on submitted proposal

### Day 2, Wednesday 11 October 2023 (two-thirds day – hybrid – Regional Conference)

Time allocation	Activity	Speakers/PIC
08.45 – 09.00	Opening and summary of activities from previous day	GWP-SEA Regional Coordinator
<b>Special Sessions on SDG Indicator 6.5.2 and Transboundary Water Cooperation frameworks</b>		
09.00 – 11.00	<p><b>Plenary session 1: SDG Indicator 6.5.2 on Transboundary Water Cooperation: reporting and how SDG data can support cooperation processes.</b></p> <p><b>5 x Panel Presenters = 12 minutes each</b></p> <p><b>UNECE – Mr Remy Kinna, Legal Officer</b> “Overview and rationale on SDG Indicator 6.5.2 and measuring transboundary cooperation globally”.</p> <p><b>Mr. Ryuichi Fukuhara, UNESCO - Jakarta Representative [In person]</b> “Current status of SDG Indicator 6.5.2 reporting in Asia-Pacific and how to access resources to assist submission”.</p> <p><b>Mrs. Nur Hareza Redzuan, Dept of Irrigation and Drainage, Malaysia:</b> “Results of 2023 SDG Indicator 6.5.2 National Report Submission – Malaysia’s</p>	<p><b>Lead: UNECE</b></p> <p><b>Moderator: Dr. Solieng Mak (GWP Cambodia Chair)</b></p> <p>Guiding questions:</p> <ol style="list-style-type: none"> <li>1. What are the limiting factors related to SDG 6.5.2 monitoring (process)?</li> <li>2. Why historically there is a tendency of low score in Asia Pacific?</li> <li>3. What are the gaps and needs of countries?</li> <li>4. What are opportunities for advancing cooperation from SDG process?</li> <li>5. Is there anything that we can do together in</li> </ol>

Time allocation	Activity	Speakers/PIC
	<p><i>Perspectives, including tips and advice to help SEAsia countries report”.</i></p> <p><b>Dr. Mohamed C.B.C DIATTA, Coordinator of the Follow-up, Promotion and Capitalization Unit of the 9th World Water Forum, Ministry of Water and Sanitation, Senegal:</b> <i>“Moving from Data to Concrete Action: how reporting on SDG Indicator 6.5.2 led to Senegalo-Mauritanian Aquifer Basin project”</i></p> <p><b>GWP Southeast Asia:</b> <i>“Proposal for online data sharing platform for SDG Indicator reporting to support access and exchange for transboundary cooperation in SEAsia”</i></p> <p><b>Discussion (60 mins)</b> Discussion on national reports on SDG Indicator 6.5.2 and possible concrete outcomes</p>	<p>the region to improve SDG 6.5.2 monitoring and transboundary cooperation as the next step?</p> <p>6. Is there other exchanges or capacity buildings opportunities at the international or global level to benefit cooperation in Southeast Asia?</p>
11.00 – 11.15	Coffee break	
11.15 – 13.15	<p><b>Plenary session 2: Transboundary water cooperation in Southeast Asia: Strengthening legal / institutional frameworks and joint initiatives through shared data.</b></p> <p><b>Panel Session (5x 10-12 min presentations = 60 mins)</b></p> <p><b>GLOBAL: Mr. Remy Kinna, Water Convention Secretariat</b> <i>“Role and relevance of the UN Water Convention: what value add for Southeast Asian countries”</i></p> <p><b>REGIONAL: Ms. Rosanna Keam, FAO Asia Pacific (Online)</b> <i>“Strengthening transboundary water cooperation in Asia-Pacific using data: GEF international waters projects”</i></p> <p><b>BASIN: Dr. Inthavy Akkharath, LNMC,</b> <i>“Data Management and information Sharing Framework under MRC &amp; LMC”</i></p> <p><b>NATIONAL: Mrs. Nguyen Thuy Anh, MONRE, Vietnam</b> <i>“Updating National</i></p>	<p><b>Lead:</b> Water Convention Secretariat and FAO Asia Pacific</p> <p><b>Moderator:</b> GWP SEA Regional Coordinator</p>



Time allocation	Activity	Speakers/PIC
	<p><i>laws to support stronger transboundary water management for Vietnam nationally and linkages with the MRC framework”.</i></p> <p><b>COMMUNITY: Daovone Phonemanichane, Strengthening Climate Resilience Project Manager, OXFAM (Online)</b> <i>“Community level data/information exchange activities and policy/legal recommendations for strengthening bottom-up transboundary cooperation”</i></p> <p><b>GWP (Yumiko Yasuda):</b> <i>Key takeaways and reflection (5”)</i></p> <p><b>Discussion (60 mins)</b> Guided discussion on to support transboundary water cooperation processes in Asia-Pacific</p>	<p>Guiding questions (for speakers and participants) :</p> <ol style="list-style-type: none"> <li>1. What are the challenges that SEA countries are facing in advancing transboundary cooperation?</li> <li>2. Do countries feel the current institutional arrangement are fit to manage transboundary cooperation?</li> <li>3. What are the needs of SEA countries in terms of institutional frameworks and joint initiatives?</li> </ol>
13.15 – 14.15	Lunch break	
14.15 - 14.20	Reflection of the 2 days Conference Discussions	Mr. Fany Wedahuditama, GWP SEA Regional Coordinator
14.20 – 15:20	<p><b>Country Panel discussion:</b></p> <ul style="list-style-type: none"> <li>• <i>What are the limiting factors to <b>implement the presented solutions</b> and what are the opportunities both at national and transboundary level?</i></li> <li>• <i>What should be the next steps?</i></li> <li>• <i>How to ensure the coherency and alignment between different water actions?</i></li> </ul>	<p><b>Moderator:</b> Mr. Fany Wedahuditama, GWP SEA Regional Coordinator</p> <p>Panelists: SDG 6.5.1 Country focal points:</p> <ul style="list-style-type: none"> <li>• Mrs. Nur Hareza (Malaysia)</li> <li>• Mrs. Nguyen Thuy Anh (Vietnam)</li> <li>• Mr. Tach Sovanna (Cambodia)</li> </ul>

Time allocation	Activity	Speakers/PIC
		<ul style="list-style-type: none"> <li>Mrs Sengphasouk Xayavong (Lao-PDR)</li> <li>Dr. Michael TOH (Singapore)</li> </ul>
15:20 – 15.50	<b>Q&amp; A from participants to experts</b>	Mr. Fany Wedahuditama, GWP SEA Regional Coordinator
15:50 – 16.05	Next Steps	Mr. Fany Wedahuditama, GWP SEA Regional Coordinator
16.05 - 16.15	Closing remarks	GWP-SEA Chair (Online Video, Mr. Christopher Matthew Ilagan)
16:15	Meeting closed	