

# DELEGATION PROGRAM: **JAPAN CIRCULAR WATER ECONOMY STUDY TOUR**

AUGUST 24-30, 2025





# **IMMERSIVE INNOVATION: EXPLORING JAPAN'S CIRCULAR WATER SOLUTIONS**

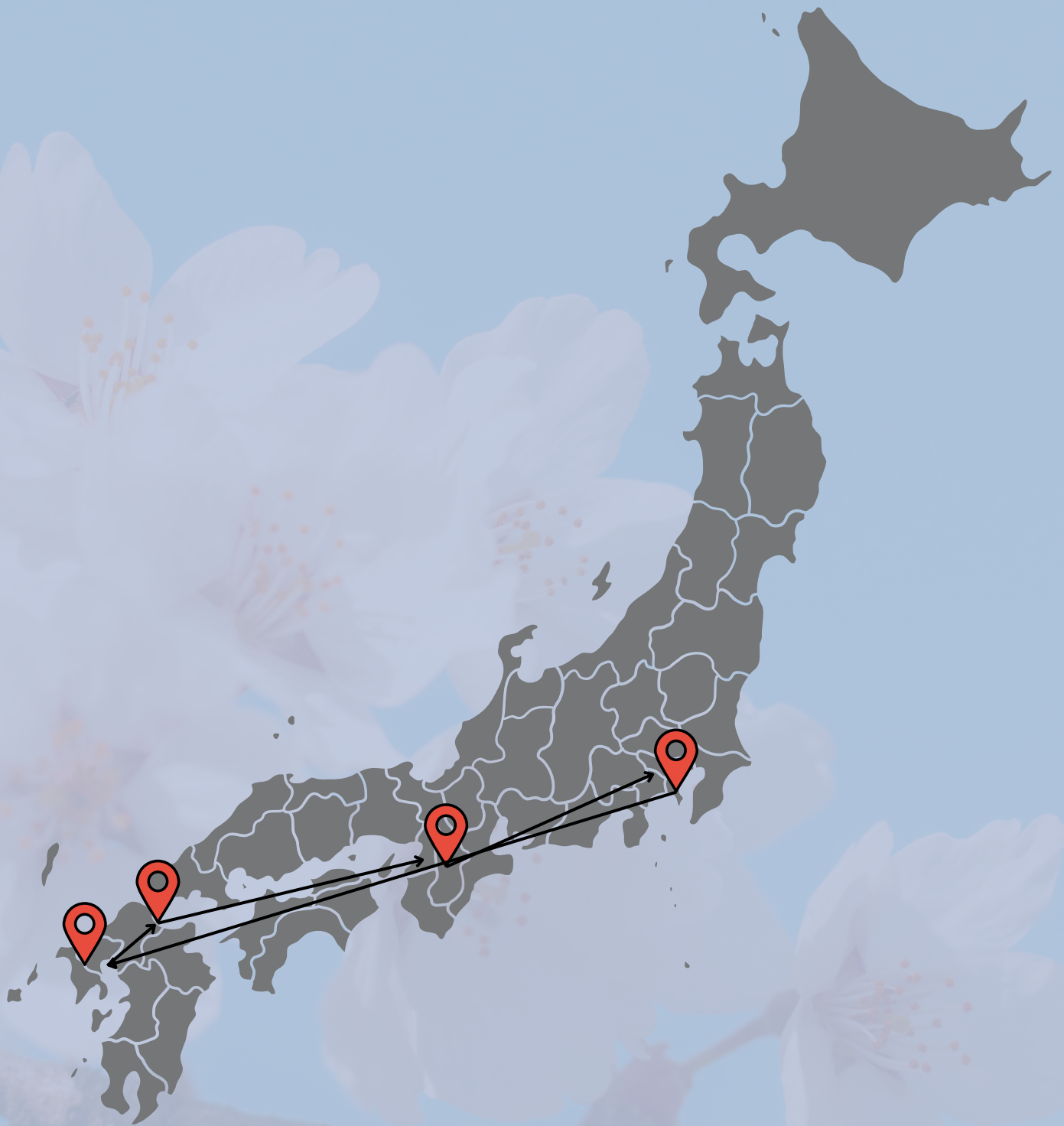
This weeklong immersive experience will be led by Japan Sewage Works Association (JSWA), a WEF Member Association.

With WRRFs among the most critical capital assets for communities, you'll explore how Japan leverages cutting-edge wastewater treatment, solid waste reuse, and public-private collaboration to create resilient, low-carbon systems.



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MORE ABOUT JAPAN SEWAGE  
WORKS ASSOCIATION**

# JOURNEY AROUND JAPAN







# PROGRAM

## YOUR 7-DAY ITINERARY

**Day 1,  
August 24**

Arrive, check-in at your hotel

**Day 2,  
August 25,  
Tokyo,  
Saitama**

- |              |   |
|--------------|---|
| <b>09:00</b> | Leave hotel   |
| <b>09:30</b> | Welcome by Hirofumi Okahisa, Director General, JSWA |
| <b>10:00</b> | ZLD Presentation, Toshiba                           |
| <b>11:30</b> | Lunch meeting, 8 WEF, 5 Toshiba, 2 JSWA             |
| <b>12:00</b> | Leave JSWA  |
| <b>14:00</b> | Flood Control Tunnel Tour                           |
| <b>16:00</b> | Leave for Tokyo                                     |
| <b>18:00</b> | Dinner, 8 WEF, 5 JSWA, 1 interpreter                |
| <b>20:00</b> | End, back to hotel                                  |



**Day 3,  
August 26,  
Fukuoka**

<b>06:30</b>	Leave hotel
<b>09:55</b>	Fukuoka Airport
<b>11:00</b>	Fukuoka City, Water Resilience presentation, SCADA tour
<b>12:00</b>	End, leave for "Canal City Hakata"
<b>12:20</b>	Lunch meeting, 8 WEF, 2 Fukuoka, 1 JSWA
<b>14:00</b>	Onsite water reuse, presentation & tour
<b>15:00</b>	Leave for Chubu WRRF
<b>15:30</b>	Water Reclamation, Hydrogen Production, Biogas generation, presentation & tour
<b>17:30</b>	End
<b>18:00</b>	Dinner, 8 WEF, 1 JSWA
<b>19:30</b>	End, return to hotel

**Day 4,  
August 27,  
Kitakyushu**

<b>07:50</b>	Leave hotel
<b>09:30</b>	Eco Town presentation
<b>10:30</b>	Facility tour
<b>12:00</b>	Lunch Meeting, 8 WEF, 3-5 Kitakyushu, 1 JSWA
<b>13:30</b>	Water Plaza presentation
<b>14:00</b>	Facility Tour
<b>14:15</b>	Q & A
<b>14:30</b>	End, leave for Osaka
<b>18:00</b>	Dinner
<b>19:30</b>	End, return to hotel

**Day 5,  
August 28,  
Osaka**

- 08:40** Leave hotel
- 09:15** Arrival at Osaka Clean Water Museum
- 09:30** Management of WW in Osaka presentation
- 10:00** Museum Tour
- 11:00** Bio coal project presentation
- 11:30** Discussion
- 12:00** Lunch Meeting, 8 WEF, X Osaka, 1 JSWA
- 12:45** Leave for Hirano WRRF
- 13:15** Arrival
- 13:30** Bio coal Facility Tour
- 14:30** Discussion
- 15:00** End, leave for Tokyo
- 19:30** Dinner, 8 WEF, 1 JSWA
- 21:00** End, return to hotel

**Day 6,  
August 29,  
Tokyo**

- 08:45** Leave hotel
- 09:15** Water Scape presentation & discussion, Suntory
- 10:30** End
- 10:45** Roundtable Discussion, 8 WEF, 4 JSWA, 1 interpreter
- 12:00** Lunch Meeting, 8 WEF, 4 JSWA, 1 interpreter
- 13:00** End



## **THINGS TO REMEMBER**



### **Visit to Flood Control Tunnel, Monday 25th**

- Walk down and up stairway with 116 steps
- Wear appropriate shoes and clothes for slippery floor with dirt. No heels
- Possibility of suspension due to bad weather
- No lockers, leave bags in van or at hotel

### **Flight to Fukuoka, Tuesday 26th**

- Pack light for a 2-night trip, you can leave suitcase at Tokyo hotel
- Only carry-on bag to leave airport smoothly
- Carry-on:

Bag dimension < 45in (115cm)

1 porch/camera/umbrella + 1 bag < 22lbs (10kg)

**Pack light, make sure your passport is up to date, wear comfortable walking shoes.**

# JSWA AND WEF STAFF



## **Yosuke Matsumiya**

Director of the International Division at Japan Sewage Works Association, enhancing technical exchange between Japan and the global water sector. With over 33 years in the wastewater industry, he has worked in utilities, research institutes, and served as a diplomat in Kenya.



## **Fidan Karimova**

Senior Director of Circular Water Economy at the Water Environment Federation, focusing on scaling circular solutions, fostering innovation, and fostering cross-sector collaboration to address global water challenges. She has extensive experience leading sustainability initiatives and developing partnerships across the water sector. Fidan holds a Bachelor's degree in International Business and a Master's degree in Environmental Management.



## **Justin Mattingly**

Senior Advisor for Resource Recovery at the Water Environment Federation, providing expertise in biosolids, nutrient recovery, energy recovery, and water reuse. He previously served at the U.S. EPA and the Water Research Foundation, leading national water reuse programs and research strategies. Justin holds a Master's degree from American University, a Bachelor's from the University of Delaware, and is a Board Certified Environmental Scientist.



# MEET THE DELEGATION



## **Keith Hobson**

President-elect of the WEF Board of Trustees and a Project Manager at FOX Strand with over 40 years of experience in water and wastewater projects. He has held leadership roles across WEF committees, including Treasurer and Speaker of the House of Delegates. Keith holds civil engineering degrees from Iowa State and the University of Missouri and is a Board-Certified Environmental Engineer.



## **Marques Eley**

Senior Engineer at the Passaic Valley Sewerage Commission, the fifth largest WWTP in the U.S., with 26 years of experience in wastewater treatment and regulatory compliance. His work includes combined sewer projects, biosolids management, and advancing water reuse and recovery initiatives. Marques has worked on numerous projects related to combined sewers, biosolids treatment and disposal, and has a strong interest in water reuse and recovery.



## **Melody Labella**

Resource Recovery & Development Services Division Manager at Central Contra Costa Sanitary District, where she has worked for 25 years. She leads sustainability, resource recovery, and pollution prevention initiatives, as well as special projects and development services. Melody holds a Bachelor of Science in Environmental Engineering from Penn State and is a licensed Civil Engineer in California.



## **Michael Kessler**

Director of Water and Wastewater for the Town of Tonawanda, New York, with prior experience overseeing treatment operations at the Niagara Falls Water Board. He holds a bachelor's degree in business administration with a minor in organic chemistry, a Six Sigma green belt, and has extensive leadership experience in both industry and utilities.



## **Sadra Heidary-Monfared**

Process Engineer with the Capital Regional District in Victoria, British Columbia, specializing in water and wastewater treatment operations. He is eager to explore innovative technologies in Japan and has a personal interest in woodworking, joinery, and Japanese culture.



## **Viraj deSilva**

Senior Treatment Process Leader at Freese and Nichols with over 34 years of experience in water and wastewater engineering, including biosolids and PFAS management. He advises municipalities on regulatory compliance and treatment upgrades and chairs the WEF Emerging Contaminants Community.