IWA Water Safety Conference & Exhibition 2026

Session 01

Sub Theme : Climate Resilient Water Supply Systems

Auditorium

Session Chair: Prof. Jagath Manatunga

Session Co-chair: Dr. S. K. Weragoda

Rapporteur: Mr. Sobana Thennakoon

Coordinators: Mr. Dhammika B. Kasturiarachchi, Ms. Amali Somarathne

Compeering: Mr. Sameera Anurada

Assistant: Mr. Anushka Liyandeniya

MARCH 23

13:00 - 13:05		**Introduction of Chair & Co- Chair**
13:05 - 13:15	P- 1	**Author : Mr. R. M. P. A. Thilakarathne** Title : Institutional Barriers to Drought Adaptation in Drinking Water Supply Systems Sri Lanka
13:15 - 13:25	P- 2	**Author : Mr. Md Tashdedul Haque** Title : Evaluating the Multifunctional Benefits of Urban Stormwater Nature-Based Technologies
13:25 - 13:35	P- 3	**Author : Ms. W. D. Lakmini** Title : Assessing Hydrological and Flood Risk Responses to Climate Change in the Nilwala Basin, Sri Lanka
13:35 - 13:45	P- 4	**Author : Mr. Marvin John Uy** Title : Assessing the Extreme Weather Exposure of Urban Green Infrastructure for Water Safety and Stormwater Resilience
13:45 - 13:55	P- 5	**Author : Mrs. W. D. U. Premarathna** Title : Modelling Spatial Variability of Water Yield and Its Sensitivity to Climate Factors: A Case Study of the Samanalawewa Watershed
13:55 - 14:15		**Discussion**
14:15 - 14:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 02

Sub Theme : Advancements in Sustainable Water Quality Monitoring, Smart Analytics and Reporting

Hall H

Session Chair: Prof. Yuansong Wei

Session Co-chair: Mrs. N. R. S. Wickremasinghe

Rapporteur: Mr. M. I. Nazeer

Coordinators : Mrs. M. M. F. Hafsa, Mr. Kalpa Silva

Compeering : Mrs. I. V. H. Bandara

Assistant : Mr. Ravindu Heemaweera

MARCH 23

13:00 - 13:05	**Introduction of Chair & Co- Chair**
13:05 - 13:15	**Author : Ms. A. H. Somarathne** P- 6 Title : Evaluation of Surface Water Quality along Mahaweli River within Kandy City Limits and its Suburbs
13:15 - 13:25	**Author : Mrs. Anoja Niroshan** P- 7 Title : Eco-Friendly Graphite Furnace Atomic Absorption Spectrophotometry Protocol for Trace Cadmium Monitoring in Hypersaline Waters: Advancing Water Safety and Sustainable Desalination Management in Northern Sri Lanka
13:25 - 13:35	**Author : Mr. Sangeeth Prasad** P- 8 Title : Spatiotemporal Dynamics of Dissolved Organic Matter (DOM) in Beira Lake, Sri Lanka
13:35 - 13:45	**Author : Mr. S. A. Witharana** P- 9 Title : Impact of Geological Features and Lithological on Water Quality in Upper Kelani Basin
13:45 - 13:55	**Author : Mr. Ashen Randika** P- 10 Title : Machine-Learning Prediction of DOM Composition and Disinfection By-Products Formation Potential in Seawater-Intruded Groundwater in Coastal Areas
13:55 - 14:15	**Discussion**
14:15 - 14:20	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 03

Sub Theme : Regulatary Approches, Water Safety Plan Auditing and Safety in Distributions and Building

Hall G

Session Chair: Prof. Mahesh Jayaweera

Session Co-chair: Mr. Ruwan Liyanage

Rapporteur: Mr. H. D. S. Piyathilaka

Coordinators: Mr. Prageeth Thilakarathne, Ms. Hasinithara Gunasekara

Compeering: Ms. Rukshani Jayasinghe

Assistant: Ms. Yohani Thilakarathne

MARCH 23

13:00 - 13:05		**Introduction of Chair & Co- Chair**
13:05 - 13:15	P- 11	**Author : Ms. Dessy Natalia Selly** Title : A systems approach to risk-based regulation for safe drinking water
13:15 - 13:25	P- 12	**Author : Ms. Bettina Rickert** Title : Implementation guidance for German catchment risk management regulation
13:25 - 13:35	P- 13	**Author : Ms. T. L. Gamage** Title : Strengthening Aquatic Biosecurity: Comparative Policy Lessons from South and Southeast Asia
13:35 - 13:45	P- 14	**Author : Mr. N.Elenselian** Title : Assessing the Robustness of Water Safety Plans through Internal Audits: Evidence from Vavuniya District, Sri Lanka
13:45 - 13:55	P- 15	**Author : Mrs. T. K. N. K. Kumari** Title : Successes and Challenges of Internal Formal Auditing of Water Safety Plan for Climate Resilience Water Supply
13:55 - 14:15		**Discussion**
14:15 - 14:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 04

Sub Theme : Innovations and Technological Advancements in Water Reclamation and Sustainable Reuse Practices

Hall E

Session Chair: Prof. Thomas Pettersson

Session Co-chair: Prof. Rohan Weerasuriya

Rapporteur: Mrs. M.K.J.Prabodini

Coordinators: Mr. P. M. Jayarathna, Mrs. L. L. Anuradha

Compeering: Mr. Harsha Abeykoon

Assistant: Mr. Lahiru Madushanka

MARCH 23

13:00 - 13:05	**Introduction of Chair & Co- Chair**
13:05 - 13:15	**Author : Prof. An Liu** **P- 16** Title : Urban Stormwater Disinfection, Storage Quality Change and Influence on Microalgae: Implications for Reuse Safety
13:15 - 13:25	**Author : Prof. Bart De Gusseme** **P- 17** Title : Quality assessment of the first full-scale Direct Potable Reuse scheme using treated municipal wastewater in Belgium and Europe
13:25 - 13:35	**Author : Prof. Miroslav Cernik** **P- 18** Title : Full-Scale Operation of Hybrid CW for HCH Treatment
13:35 - 13:45	**Author : Prof. Dawei Yu** **P- 19** Title : A Novel pulse aerator for membrane module by coupling converging-diverging nozzle and tidal flow
13:45 - 13:55	**Author : Ms. M. M. Prabhani** **P- 20** Title : Assessment of Phytotoxicity and Growth-Promoting Potential of Fresh and Washed Hydrochar Using Seed Germination Index
13:55 - 14:15	**Discussion**
14:15 - 14:20	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 05

Sub Theme : Water Safety in Rural and Community Based Water Supply Systems

Auditorium

Session Chair: Prof. Lalith Rajapakse

Session Co-chair: Dr. Ayomi Witharana

Rapporteur: Ms. T. K. N. K. Kumari

Coordinators: Mr. Dhammika B. Kasturiarachchi, Ms. Amali Somarathne

Compeering: Mr. Sameera Anurada

Assistant: Mr. Anushka Liyandeniya

MARCH 23

15:00 - 15:05		**Introduction of Chair & Co- Chair**
15:05 - 15:15	P- 21	**Author : Mr. Md Azizur Rahman** Title : Household Treatment System for Safe Water in Coastal Bangladesh
15:15 - 15:25	P- 22	**Author : Prof. Yuansong Wei** Title : Decentralized Safe Drinking Water Supply for Rural Community of Sri Lanka Using Nano-Filtration Membrane Technology: From Laboratory to Practice
15:25 - 15:35	P- 23	**Author : Ms. A. B. S. Udagama** Title : A Rapid In-situ Cleaning Method for Slow Sand Filters to Enhance Water Production
15:35 - 15:45	P- 24	**Author : Mr. A. W. K. Arif** Title : A Collaborative Approach for Transforming Rural Water Supply Schemes into a Sustainable Systems: A Case Study in Kandy District of Sri Lanka
15:45 - 15:55	P- 25	**Author : Ms. W. M. S. Wijerathne** Title : Sustainability of Water Management in Rural Sri Lanka: A Multidimensional Assessment of Community-Based Water Supply Schemes in the North Central Province, Sri Lanka
15:55 - 16:15		**Discussion**
16:15 - 16:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 06

Sub Theme : Advancements in Sustainable Water Quality Monitoring, Smart Analytics and Reporting

Hall H

Session Chair: Prof. Tushara Chaminda

Session Co-chair: Mr. Deepthi Sumarasekara

Rapporteur: Ms. Upeksha De Silva

Coordinators: Mrs. M. M. F. Hafza, Mr. Kalpa Silva

Compeering: Mrs. I. V. H. Bandara

Assistant: Mr. Ravindu Heemaweera

MARCH 23

15:00 - 15:05		**Introduction of Chair & Co- Chair**
15:05 - 15:15	P- 26	**Author : Ms. Ranoja Dickowita** Title : Integrating Eichhornia Crassipes for Sustainable Water Quality Monitoring: A Case Study on Major Urban Wetlands in Colombo
15:15 - 15:25	P- 27	**Author : Ms. R. M. M. S. M. Rajapaksha** Title : Assessment of Groundwater Quality in Sri Lanka Using Spatial and Statistical Analysis
15:25 - 15:35	P- 28	**Author : Ms. R. M. P. H. Rathnayake** Title : Review of Optimization Approaches in Conventional Water Treatment with Reference to the Diyathalawa Water Treatment Plant
15:35 - 15:45	P- 29	**Author : Ms. G. L. P. N. Jayawardana** Title : Methods comparison in determining organic carbon in surface and ground water
15:45 - 15:55	P- 30	**Author : Mr. W. G. Chathura Sanjeewa** Title : Impact of Low-Langelier Saturation Index Waters on the Durability and Sustainability of Grade 25 Concrete Water-Retaining Structures
15:55 - 16:15		**Discussion**
16:15 - 16:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 07

Sub Theme : Regulatory Approaches, Water Safety Plan Auditing and Safety in Distributions and Building

Hall G

Session Chair: Mr. Asoka Jayarathne

Session Co-chair: Dr. Chandima Gunawardhana

Rapporteur: Ms. Sumudu Ranaweera

Coordinators: Mr. Prageeth Thilakarathne, Ms. Hasinithara Gunasekara

Compeering: Ms. Rukshani Jayasinghe

Assistant: Ms. Yohani Thilakarathne

MARCH 23

15:00 - 15:05		**Introduction of Chair & Co- Chair**
15:05 - 15:15	P- 31	**Author : Ms. Laura Huber** Title : External assessment of drinking-water risk management in Germany
15:15 - 15:25	P- 32	**Author : Mr. Rui Sancho** Title : Two Decades of Preventive Water Quality Management: The Evolution of the Water Safety Plan at Águas do Algarve, SA
15:25 - 15:35	P- 33	**Author : Mr. M. E. Sutharsan** Title : Perceived Water Quality, Household Practices, and Consumer Satisfaction under a Water Safety Plan: A Case Study
15:35 - 15:45	P- 34	**Author : Mr. E. R. T. P. Ethauda** Title : Removal of Manganese from Drinking Water Using a Pilot-Scale Biological Trickling Filter
15:45 - 15:55	P- 35	**Author : Ms. A. N. Ekanayake** Title : Bacterial Water Quality Issues and Societal Challenges Associated with Intermittent Water Supply in Sri Lanka: Preliminary Findings and Research Needs
15:55 - 15:15		**Discussion**
16:15 - 16:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 08

Sub Theme : Innovations and Technological Advancements in Water Reclamation and Sustainable Reuse Practices

Hall E

Session Chair: Prof. Nadeeshani Nanayakkara

Session Co-chair: Dr. Wasantha Illangasinghe

Rapporteur: Ms. G. G. S. Lekha

Coordinators: Mr. P. M. Jayarathna, Mrs. L. L. Anuradha

Compeering: Mr. Harsha Abeykoon

Assistant: Mr. Lahiru Madushanka

MARCH 23

15:00 - 15:05		**Introduction of Chair & Co- Chair**
15:05 - 15:15	P- 36	**Author : Mr. Sithira Ariyawansa** Title : Comparative Study on the Effect of Atmospheric Air Plasma Treatment on Coconut Coir Biochar for the Adsorptive Removal of Nitrate and Ammonium Ions
15:15 - 15:25	P- 37	**Author : Dr. Libing Zheng** Title : Insight into the Magnetic Coagulation Separation for Black-Odor Water Restoration
15:25 - 15:35	P- 38	**Author : Dr. Shuo Cheng** Title : Development of a Gel Flow-Electrode Microbial Fuel Cell for Efficient Wastewater Treatment and Energy Recovery
15:35 - 15:45	P- 39	**Author : Ms. D. M. Saruwage** Title : Lime Sludge as a Sustainable Alternative for Soil pH Correction in Agriculture
15:45 - 15:55	P- 40	**Author : Ms. M. M. Prabhani** Title : Co-Hydrothermal Carbonization of Sewage Sludge with Biomass Additives for Improved Solid Fuel Production
15:55 - 15:15		**Discussion**
16:15 - 16:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 09

Sub Theme : Water Safety in Rural and Community Based Water Supply Systems

Auditorium

Session Chair: Mr. Sajjan Jayasiriwardhana

Session Co-chair: Dr. Madhusha Sudasinghe

Rapporteur: Mr. Nishantha Welikala

Coordinators: Mr. Dhammika B. Kasturiarachchi, Ms. Amali Somarathne

Compeering: Mr. Sameera Anurada

Assistant: Mr. Anushka Liyandeniya

MARCH 24

10:30 - 10:35		**Introduction of Chair & Co- Chair**
10:35 - 10:45	P- 41	**Author : Prof. Tanvir Ahmed** Title : Functionality of Arsenic-Iron Removal Plants in Water-Challenged Rural Areas of Bangladesh
10:45 - 10:55	P- 42	**Author : Mrs. W. M. T. S. Wickramasinghe** Title : Promoting Active Youth Participation in Water Safety Plan in Community Based Organizations Through Digitalization and the Clean Sri Lanka Initiative
10:55 - 11:05	P- 43	**Author : Mr. F. M. Feros** Title : Improving Water Safety in Rural Community Based Water Supply Systems: Evidence from Trincomalee District, Sri Lanka
11:05 - 11:15	P- 44	**Author : Ms. N. F. Samama** Title : Modified bio-sorbents for the removal of Hardness from groundwater
11:15 - 11:25	P- 45	**Author : Dr. Mitra Ghasem Sharabiani** Title : Integrating Policy Coherence and water safety plan: A Conceptual Framework for Sustainable Water Governance
11:25 - 11:45		**Discussion**
11:45 - 11:50		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 10

Sub Theme : Advancements in Sustainable Water Quality Monitoring, Smart Analytics and Reporting

Hall H

Session Chair: Prof. Gamini Rajapakse

Session Co-chair: Mr. R. R. P. N. Rathnayaka

Rapporteur: Ms. Geethanjalee

Coordinators : Mrs. M.M.F. Hafza, Mr. Kalpa Silva

Compeering: Ms. Isuri Manawadu

Assistant: Mr. Ravindu Heemaweera

MARCH 24

10:30 - 10:35	**Introduction of Chair & Co- Chair**
10:35 - 10:45	**Author : Ms. K. A. D. Vidanapathirana** P- 46 Title : Optimization of Electrocoagulation Process Parameters for COD Removal from Selected Industrial Wastewater in Colombo, Sri Lanka
10:45 - 10:55	**Author : Dr. Alba Cabrera-Codony** P- 47 Title : Competitive adsorption and mathematical modelling for micropollutant removal in drinking water treatment
10:55 - 11:05	**Author : Ms. D. L. U. Wimaladharma** P- 48 Title : Development of Oyster Shell-Based Filtration Systems for the Removal of Specific Heavy Metals (Pb and Fe) from Drinking Water
11:05 - 11:15	**Author : Ms. Thashmiga Bavananthan** P- 49 Title : Pre-Ozonation as an Advanced Oxidation Process for Algal Control and Water Quality Improvement
11:15 - 11:25	**Author : Ms. P. H. M. S. R. Pahathkumbura** P- 50 Title : Assessment of groundwater quality status in Gal Oya river basin, Sri Lanka
11:25 - 11:45	**Discussion**
11:45 - 11:50	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 11

Sub Theme : Effectiveness of Emergency and Incident Management in Water Supply and Sanitation Systems

Hall G

Session Chair: Ms. Bettina Rickert

Session Co-chair: Prof. Bandunee Attapattu

Rapporteur: Mr. T. Suthakaran

Coordinators : Mr. Prageeth Thilakarathne, Ms. Hasinithara Gunasekara

Compeering : Ms. Rukshani Jayasinghe

Assistant : Ms. Yohani Thilakarathna

MARCH 24

10:30 - 10:35	**Introduction of Chair & Co- Chair**
10:35 - 10:45	**Author : Mr. U. D. P. M. Gunasinghe** P- 51 Title : Analysis of Deflections of Reinforced Concrete Walls of Sedimentation Tank of Ranna Water Supply Scheme
10:45 - 10:55	**Author : Ms. Saimeera Rajagopal** P- 52 Title : Source-Specific Efficiency of Pre-Ozonation and Pre-Chlorination in Turbidity Control in Surface and Groundwater samples in Northern Sri Lanka
10:55 - 11:05	**Author : Mrs. A. A. S. G. Wijesundara** P- 53 Title : Household Water Vulnerability and Equity Across Diverse Accessibility Contexts in Sri Lanka
11:05 - 11:15	**Author : Ms. E. A. N. N. Edirisinghe** P- 54 Title : Flood hazard potential mapping using GIS in Southern Province, Sri Lanka
11:15 - 11:25	**Author : Mr. J. A. Kelum Ananda** P- 55 Title : Seasonal Effects of Rainfall on Nitrogen Removal, Sludge Yield and Energy Consumption in an Oxidation Ditch System: Kandy City WWTP, Sri Lanka
11:25 - 11:45	**Discussion**
11:45 - 11:50	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 12

Sub Theme : Innovations and Technological Advancements in Water Reclamation and Sustainable Reuse Practices

Hall E

Session Chair: Prof. E. P. N. Udayakumara

Session Co-chair: Mr. Dhanesh Guathilaka

Rapporteur: Ms. D. G. N. Kumari

Coordinators : Mr. P. M. Jayarathna, Mrs. L. L. Anuradha

Compeering : Mr. Harsha Abeykoon

Assistant : Mr. Lahiru Madushanka

MARCH 24

10:30 - 10:35	**Introduction of Chair & Co- Chair**
10:35 - 10:45	**Author : Dr. Rashmi Koju** **P- 56** Title : Integration of novel suspended bio-s0 filters for high-performance and short-process Sulphur autotrophic denitrification from low-wastewater C/N
10:45 - 10:55	**Author : Ms. Farah Naznin** **P- 57** Title : Institution-Led Integrated Water Supply Model for Climate-Stressed Regions of Bangladesh
10:55 - 11:05	**Author : Ms. K. Karthika** **P- 58** Title : Adsorption & Kinetic Studies of Clay- Biochar Composite in treating Laboratory Wastewater
11:05 - 11:15	**Author : Mr. K. A. K. Pathirana** **P- 59** Title : Evaluation of Hydrogen sulphide Removal Efficiency of Sponge and Coconut Husk in a Biofilter when Treating Hydrogen sulphide Generated from Sewage Treatment Plant
11:15 - 11:25	**Author : Mrs. H. M. C. P. Herath** **P- 60** Title : Acceptance and Demand of Non - Domestic Customers towards Treated Wastewater Reuse
11:25 - 11:45	**Discussion**
11:45 - 11:50	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 13

Sub Theme : Climate Resilient Water Supply System

Auditorium

Session Chair: Prof. Thammarat Koottatep

Session Co-chair: Dr. Manjula Wijesinghe

Rapporteur: Mr. G. K. Nimalsiri

Coordinators : Mr. Dhammika B. Kasturiarachchi, Ms. Amali Somarathne

Compeering : Mr. Sameera Anurada

Assistant : Mr. Anushka Liyandeniya

MARCH 24

13:00 - 13:05	**Introduction of Chair & Co- Chair**
13:05 - 13:15	**Author : Mr. T. M. D. P. Thennakoon** P- 61 Title : Assessing the Sustainability of CBO Managed Rural Water Supply Systems in the Context of Climate Change in Sri Lanka
13:15 - 13:25	**Author : Mr. A.M.Indrajith Udaya Kumara** P- 62 Title :Impact of the Managed Aquifer Recharge (MAR) through Roof Harvested Rainwater Systems in the Dry Zone of Sri Lanka: A Case Study at Ekiriyankumbura, Rideemaliyadda
13:25 - 13:35	**Author : Dr. Alba Cabrera-Codony** P- 63 Title : Real-Time Monitoring and Fuzzy Control for Adaptive Water Treatment under Variable NOM and DBP Risk
13:35 - 13:45	**Author : Ms. T. L. Gamage** P- 64 Title : From Policy to Practice: Aquatic Invasive Plants and Climate-Resilient Water Systems in Sri Lanka
13:45 - 13:55	**Author : Mr. C. P. J. Arachchige** P- 65 Title : Climate Mitigation through Energy Management in Water Supply- Net Zero Transition at Ambathale Water Treatment Plant
13:55 - 14:15	**Discussion**
14:15 - 14:20	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 14

Sub Theme : Outcome Based Innovations in Water Supply and Sanitation Systems

Hall H

Session Chair: Prof. Assela Pathirana

Session Co-chair: Mr. Chaminda Jayawardhana

Rapporteur: Ms. Anparasi Sivabalan

Coordinators : Mrs. M.M.F. Hafza, Mr. Kalpa Silva

Compeering : Ms. Isuri Manawadu

Assistant : Mr. Ravindu Heemaweera

MARCH 24

13:00 - 13:05	**Introduction of Chair & Co- Chair**
13:05 - 13:15	**Author : Mr. M. Mayuran** P- 66 Title : Engineering the Cognitive Orientation for NRW Reduction: Integrating Technical and Behavioural Frameworks - Murunkan Case Study
13:15 - 13:25	**Author : Dr. Sridhar Pilli** P- 67 Title : Optimization of Vermifiltration Process for Dairy Effluent Treatment Using Earthworms
13:25 - 13:35	**Author : Prof. P. Venkateswara Rao** P- 68 Title : Outcome-Based Optimization of Electrocoagulation-Flotation for Sustainable Sewage Wastewater Reclamation and Reuse
13:35 - 13:45	**Author : Mr. Alauddin Ahmed** P- 69 Title : Evaluating the effect of CWIS adaptation on National Regulatory Guidelines for Sanitation: Insights from Six Cities
13:45 - 13:55	**Author : Mrs. A. G. Odeesha Kumari** P- 70 Title : Outcome-Driven Water Quality Assessment for Sustainable Management in the Aththanagalu Oya and Maha Oya River Basins
13:55 - 14:15	**Discussion**
14:15 - 14:20	**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 15

Sub Theme : Impact on Emerging Contaminants in Drinking and Reclaimed Water on Public Health

Hall G

Session Chair: Prof. Tanvir Ahmed

Session Co-chair: Dr. Nandika Miguntenna

Rapporteur: Mr. S. M. S. Bandara

Coordinators : Mr. Prageeth Thilakarathne, Ms. Hasinithara Gunasekara

Compeering : Ms. Rukshani Jayasinghe

Assistant : Ms. Yohani Thilakarathna

MARCH 24

13:00 - 13:05		**Introduction of Chair & Co- Chair**
13:05 - 13:15	P- 71	**Author : Ms. M. A. Kushani Madhumekala** Title : Nitrate reduction in wastewater by [B]-Linda Type A-stabilized nanozero-valent iron: Effect of Initial pH
13:15 - 13:25	P- 72	**Author : Dr. Prasanna Egodawatta** Title : Distribution of per and poly fluoroalkyl substances (PFAS) in urban waterways
13:25 - 13:35	P- 73	**Author : Dr. Theekshana Malalagama** Title : Point-of-Use Electrodialysis as a Scalable Solution for Tackling Groundwater Quality Challenges in CKDu-Affected Areas, Sri Lanka
13:35 - 13:45	P- 74	**Author : Mr. Janindu Chandrasekara** Title : Computational Investigation of Dopant Location Effects on Band Gap Reduction in Nitrogen-Doped TiO_2 Anatase for Enhanced Photocatalytic Water Reclamation.
13:45 - 13:55	P- 75	**Author : Prof. J. R. Pettersson** Title : Health Risk Assessment on Climate Change Effects in Drinking Water Supply Systems
13:55 - 14:15		**Discussion**
14:15 - 14:20		**Awarding of certificates & Token of Appreciation**

IWA Water Safety Conference & Exhibition 2026

Session 16

Sub Theme : Water Safety Plan Implementation

Hall E

Session Chair: Mr. Asoka Jayarathne

Session Co-chair: Ms. Senani Jayasinghe

Rapporteur: Mr. Sugath Piyasena

Coordinators : Mr. P. M. Jayarathna, Mrs. L. L. Anuradha

Compeering : Mr. Harsha Abeykoon

Assistant : Mr. Lahiru Madushanka

MARCH 24

13:00 - 13:05	**Introduction of Chair & Co- Chair**
13:05 - 13:15	**Author : Ms. D. M. W. C. Dissanayake** P- 76 Title : Integrating Preventive Oriented Control Measures into Climate Resilient Rural Water Safety Planning in Sri Lanka
13:15 - 13:25	**Author : Mr. TSOI Tik-Hung Dick** P- 77 Title : Governance Success of the Risk-based Co-management of the Transboundary Dongjiang Water Supply from Guangdong to Hong Kong
13:25 - 13:35	**Author : Mr. Rafael Chasles** P- 78 Title : São Paulo, Brazil Drought Plan
13:35 - 13:45	**Author : Dr. Christopher Kanyesigye** P- 79 Title : Evaluation of Water Safety Plan Outcomes and Impacts in Bushenyi-Ishaka Municipality, Uganda
13:45 - 13:55	**Author : Ms. A. D. D. S. D.Weeraratne** P- 80 Title : Implementing Water Safety Plans under Climate Change: case study in Badulla, Sri Lanka
13:55 - 14:15	**Discussion**
14:15 - 14:20	**Awarding of certificates & Token of Appreciation**