

Poster Presentations

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Session 1	UTILITY EFFICIENCY AND BENCHMARKING	Tuesday 12:00-13:15	Room 701	1-17
Session 2	WATER & WASTEWATER PLANT PERFORMANCES & OPTIMIZATION APPROACHES	Monday 12:00-13:15	Room 608	21-38b
Session 3	MANAGEMENT OF EXTREME EVENTS	Thursday 12:00-13:15	Room 703	48-67
Session 4	EFFICIENT WATER MANAGEMENT AND REUSE	Thursday 12:00-13:15	Room 609	81-98b
Session 5	RESOURCE RECOVERY	Tuesday 12:00-13:15	Room 608	116-132
Session 6	WASTEWATER SOLUTIONS	Monday 12:00-13:15	Room 102	139-160
Session 7	NUTRIENT REMOVAL	Tuesday 12:00-13:15	Room 609	177-189
Session 8	ANAEROBIC PROCESSES	Wednesday 12:00-13:15	Room 609	199-215
Session 9	BIOSOLIDS MANAGEMENT & REUSE	Tuesday 12:00-13:15	Room 601	228-244
Session 10	MICROBIAL APPLICATIONS & EMERGING POLLUTANTS	Wednesday 12:00-13:15	Room 608	257-280
Session 11	ADVANCED WASTEWATER BIOLOGICAL & PHYSICOCHEMICAL APPLICATIONS	Thursday 12:00-13:15	Reception Hall B	312-333
Session 12	WASTEWATER TREATMENT PROCESSES	Thursday 12:00-13:15	Room 608	342-362b
Session 13	ONLINE MONITORING AND SENSORS FOR DRINKING WATER QUALITY	Tuesday 12:00-13:15	Reception Hall A	374-392
Session 14	DRINKING WATER TREATMENT	Wednesday 12:00-13:15	Room 607	402-418
Session 15	DRINKING WATER TREATMENT	Tuesday 12:00-13:15	Room 607	419-434
Session 16	MEMBRANE PROCESSES, TASTE & ODOR	Monday 12:00-13:15	Room 607	443-459
Session 17	DRINKING WATER SOLUTIONS	Thursday 12:00-13:15	Reception Hall A	465-480
Session 18	WATER SUPPLY MANAGEMENT	Wednesday 12:00-13:15	Room 703	487-507
Session 19	EMERGING CONTAMINANTS & WATER SAFETY PLANS	Wednesday 12:00-13:15	Reception Hall A	519-530
Session 20	URBAN WATER MANAGEMENT & PLANNING	Monday 12:00-13:15	Room 703	533-552
Session 21	TRANSITION TO SUSTAINABLE CITIES	Wednesday 12:00-13:15	Room 606	559-571
Session 22	URBAN DRAINAGE & SEWERAGE	Tuesday 12:00-13:15	Room 604	573-591
Session 23	INFRASTRUCTURE REHABILITATION	Wednesday 12:00-13:15	Room 701	598-606
Session 24	POLICIES & REGULATIONS	Monday 12:00-13:15	Reception Hall A	609-626
Session 25	WATER INDUSTRY CAPACITY BUILDING, EDUCATION & TRAINING	Tuesday 12:00-13:15	Room Hall B	631-642
Session 26	INTEGRATED WATER RESOURCES MANAGEMENT	Thursday 12:00-13:15	Room 604	646-658
Session 27	BASIN WATER MANAGEMENT & WATER QUALITY	Thursday 12:00-13:15	Room 606	665-679

Track 1

WATER UTILITY  
MANAGEMENT

Track 2

WASTEWATER

Track 3

DRINKING WATER AND  
POTABLE REUSE

Track 4

URBAN WATER  
SYSTEMS

Track 5

COMMUNITIES,  
INTEGRATED  
PLANNING AND  
THE ENABLING  
ENVIRONMENT

Track 6

LARGE SCALE WATER  
MANAGEMENT

1	3870520	RO	Five Years Of National Benchmarking In Romania: Lessons Learned And Future Challenges <i>Augustin Boer BDO Business Advisory SRL</i>
2	3902060	JP	Development Of Low-power Still-Image Camera Prototype For Optical Power-Feed Sewerage Multi-Sensing System <i>Nobuhiko Kikuchi Hitachi Ltd., Research &amp; Development Group</i>
3	3912484	JP	Broad-based Water Facility Management Via Efficient Monitoring System <i>Hidekuni Kiya Tokyo Metropolitan Government</i>
4	3898945	JP	Internal Engineer's Pilot System With Open-technology-based PLC+SCADA System For Water Supply Supervisory Control <i>Manabu Nakagawa Nara City Enterprise Bureau</i>
5	3902843	SE	Renewable Energy Providing Water <i>Gustaf Olsson Lund University</i>
6	3900807	JP	Approaches To Practical Sewer Pipe Inspection Technology Using Drones, Based On Public-Private-Academic Partnership <i>Kazuhiro Nitta City of Yokohama</i>
7	3899050	JP	Comprehensible Public Information – Matters Learned Researching Public Information For Foreign Residents <i>Yukiko Shirafuji Yokohama Waterworks Bureau</i>
8	3903275	UK	Analysing The Response Of Water Distribution Networks To Failures: A Comparison Between Graph Theory And GRA <i>Chris Sweetapple University of Exeter</i>
9	3899124	JP	Non-Revenue Water Countermeasure Project In Yangon, Myanmar <i>Akihiro Okada TSS Tokyo Water Co., Ltd</i>
10	3901652	JP	The Collection System Which Achieved A High Collection Rate (99.9%) With The Largest Water Service Scale In Japan <i>Yoshinori Sakurada Bureau of Waterworks, Tokyo Metropolitan Government</i>
11	3901653	JP	24/7 Water Supply At Benamauk Area In Dili By Leak Detection And Repair Introducing Segmented Water Supply Area <i>Yasuo Kobayashi Chiba Prefectural Waterworks Bureau</i>
12	3901659	JP	An Early Detection Technique For Insufficient Flocculation Using A Floc Sensor <i>Yusuke Hisamoto METAWATER Co., Ltd.</i>
13	3901922	JP	Activities To Reduce The Non-Revenue Water In Yangon City, Republic Of The Union Of Myanmar <i>Masaru Matsuoka Fukuoka City Waterworks Bureau</i>
14	3903146	FR	CAPEX & OPEX Analysis For Water Network Performance <i>Aurelie Chazerain Suez</i>
15	3903507	JP	Enhancement Of Longevity Of Aging Pipelines In Awareness Of The Importance Of Asset Management <i>Hiroyoshi Kaneta Tokyo Metropolitan University</i>
16	3904068	PH	"Super Meter Banking" In Addressing Commercial Losses: A Case Study Of Parola In Tondo, Manila <i>Joanna Nicodemus Maynilad Water Services Inc.</i>
17	3919810	CY	Transitioning From IWS To 24x7: A Dream Or Reality <i>Bambos Charalambous Hydrocontrol Ltd</i>
18	3898441	DK	Detecting And Categorising Water Loss In Smart Districts <i>Kristian Rokkjær Kamstrup A/S</i>
19	3900577	JP	Intensified Measures To Prevent Water Leakage In Kanagawa Prefecture <i>Masataka Morofushi Public Enterprises Agency, Kanagawa Prefectural Government</i>
20	3900845	JP	Locating An Additional Unreported Burst In A DMA <i>Yoh Sugimoto Yokogawa Solution Service Corporation</i>
21	3902862	JP	An Innovative Groundwater Treatment System For Improving Performance Of Water Purification Plant In Developing Countries <i>Thanh Trung Nguyen Nagaoka International Corporation</i>
22	3899180	JP	Dynamic Control Of Nitrogen And Phosphorous Removal Under Process Variation Based On A Novel Extremum Seeking <i>Yuta Onishi Toshiba Corporation</i>
23	3900816	JP	Consideration Of The BOD Target To Meet EQSs Using Simulation Results Of BOD Behavior In The Tama River <i>Hiroko Asakura Tokyo Metropolitan Government</i>
24	3900931	JP	Full-scale Demonstration Of Novel Nitrification Control System With Feedback And Auto Calibration Feedforward Control <i>Ichiro Yamanoi Hitachi, Ltd. Research &amp; Development Group</i>
25	3903739	JP	High Rate Turbidity Removal From High Turbidity River Water Using Newly Modified Pulsed Sludge Blanket Clarifier <i>Yasuhiko Shimada Organo Corporation</i>
26	3900999	JP	Development Of The Polymer Injection Amount Control System In A Dehydration Process Of Sludge Treatment <i>Hiroshi Shiomi Tokyo Metropolitan Government</i>
27	3901521	JP	Nodal Pressure Estimation Based On Limited Data Of Water Distribution Network <i>So Sasaki Toshiba Corporation</i>
28	3901560	BR	Evaluating The Influence Of Raw Water Quality On Treatment Cost In Developing Countries <i>Marcelo Libanio Federal University of Minas Gerais</i>
29	3901596	JP	Development Of A High-Speed Manganese Removal System Using A Fibrous Media <i>Yuji Takahashi JFE Engineering Corporation</i>
30	3903499	JP	Benefits Of Ammonia DO Control System – To Achieve Both The Water Quality Improvement And Energy Saving <i>Yuka Midori Tokyo Metropolitan Government</i>
31	3901675	JP	Stable Sewage Treatment And Efficient Operation Management In Tama Area By Utilizing Utility Tunnel <i>Shota Hamano Tokyo Metropolitan Government</i>
32	3901676	JP	Realization Of 100% Supply Of Power Consumed By The Introduction Of Small Hydroelectric Power Generation <i>Satoru Ide Fukuoka City Waterworks Bureau</i>
33	3902200	JP	Development Of Framework To Select Treatment Process Based On Evaluation Of Microbial Risk, Cost And Energy Consumption <i>Matsuhashi Mananbu National Institute for Land and Infrastructure Management</i>
34	3902208	JP	Development Of Safe And Low Cost Wastewater Reclamation System Using UF Membrane And UV Disinfection <i>Akihiro Yamamoto National Institute for Land and Infrastructure Management</i>

35	3902235	CN	Application Of Combined Ozonation And Bio-filter Process As Tertiary Treatment In WWTP <i>Qiao Wang Shanghai Chemical Industry Park Sino French Water Development Co., Ltd</i>
36	3902800	AU	Understanding The Effect Of In-sewer Iron Dosing On The Downstream Wastewater Treatment Processes <i>Mario Jr Rebosura The University of Queensland Advanced Water Management Centre</i>
37	3902806	CA	Use Of Non-woven Geotextiles As Filter Media To Improve A Water Quality Of A Lake In Quebec, Canada <i>Catherine Mulligan Concordia University</i>
38	3904080	PT	Monitoring Practices And Operating Conditions Of Drinking Water Systems - Case Study: Alcantarilha Water Treatment Plant <i>Rui Sancho Águas do Algarve, SA</i>
38b	3899094	JP	Efficient Reinforcement Method Of Ductile Pipe By Reinforcing Fitting <i>Tadahiro Yamada Technical Taisei Kiko Co., Ltd.</i>
39	3903539	ES	Identification Of Amoeba-associated Bacteria In Wastewater Samples By Amplicon-based Metagenomics <i>José L. Alonso Technical University of Valencia</i>
40	3903559	SE	Model-based Analysis Of Simultaneous Precipitation On Phosphorus Removal In Activated Sludge Systems <i>Christian Kazadi Mbamba Research Institutes of Sweden</i>
41	3901565	JP	Water Purification Treatment Effects Of Ultra-high-basicity Polyaluminum Chloride <i>Kaoru Imai Waterworks Bureau, City of Kawasaki</i>
42	3904060	BR	How Much Does It Cost To Treat Domestic Wastewater? Evaluating Operating Costs For 44 Full-scale Treatment Plants <i>Cesar Filho Federal University of Minas Gerais</i>
43	3862017	UK	Mechanical Vs Aeration Imposed Power In An Immersed Membrane Bioreactor <i>Simon Judd Judd &amp; Judd Ltd/Cranfield University</i>
44	3901079	DE	Dynamic Aeration For Improved Oxygen Mass Transfer And Mixing In The Wastewater Treatment Process <i>Robert Hermann-Heber Helmholtz Zentrum Dresden-Rossendorf</i>
45	3919393	BE	PHREEQC Model-based Quality Control Of A Drinking Water Softening Plant <i>Liesbeth Verdictt De Watergroep</i>
46	3898223	JP	Joint Research On Degradation Of Civil Engineering Structures In Advanced Treatment Facilities <i>Yasukazu Tachiki Japan Institute of Wastewater Engineering and Technology</i>
47	3880718	JP	Optimal Approach For Renewal Of Aged Pipes <i>Yukihide Takamoto Waterworks Bureau of the City of Hiroshima</i>
48	3890571	JP	Methods And Effects Of Securing Water Supply To Citizens Even At An Event Of Sudden Accident <i>Kazuhisa Fujikawa Bureau of Waterworks,Tokyo Metropolitan Government</i>
49	3897018	JP	Case Study On Pipeline Measure Using Earthquake Resistant Ductile Iron Pipe Against Large Fault Rupture And Landslide <i>Takeshi Hara Kubota Corporation</i>
50	3897046	JP	Reinforcement Of Earthquake-Resistance Of Air Valves <i>Naoki Hamanaka Bureau of Waterworks, Tokyo Metropolitan Government</i>
51	3899061	JP	Effectiveness Of Ductile Iron Flexible Expansion Joint To Ground Displacement <i>Tadahiro Yamada Taisei Kiko Co., Ltd.</i>
52	3900623	JP	Evaluation Analysis About The Influence Of Pipe Breakage On Water Distribution Network Due To Earthquake Disaster <i>Takaharu Kunizane Tokyo Metropolitan Unversity</i>
53	3900712	JP	Preparation Of Temporary Toilets Directly Connected To Sewers For Use In Times Of Disaster And Various PR Activities <i>Nobuyuki Suzuki City of Yokohama</i>
54	3901753	JP	To Ensure Water Supply Routes To Capital's Central Agencies At The Time Of An Earthquake Disaster <i>Minoru Hiroshima Bureau of Waterworks, Tokyo Metropolitan Government</i>
55	3901771	JP	Study On Preventing Manholes From Rising Due To Air Compression <i>Aki Matsunaga City of Yokohama</i>
56	3902161	JP	Verification Of Water Management System To Support Operation Of Water For Industrial Use Service <i>Kazunori Matsumoto METAWATER Co., Ltd</i>
57	3903460	ID	ITS-2: A Simple Synthetic Unit Hydrograph Model For Flood Estimation At Tropical Watersheds <i>I Gede Tunas Universitas Tadulako</i>
58	3906522	JP	Reinforcement Of Dam Body For Murayama-kami Reservoir –Construction Under Reservoir Operation, A Rare Instance In Japan <i>Eiji Saito Bureau of Waterworks, Tokyo Metropolitan Government</i>
59	3907424	JP	Strategic Development Of Pipeline Networks Towards Olympic And Paralympic Games Tokyo 2020 <i>Norihiko Ishida Bureau of Waterworks, Tokyo Metropolitan Government</i>
60	3919902	JP	Data Measuring Device For Water Pipe Network Keeping On Operating Even In Case Of Disaster <i>Masashi Morita Bureau of Waterworks, Tokyo Metropolitan Government</i>
61	3906703	JP	Construction Of The Response Support System For Water Quality Accidents In Water Resource Rivers <i>Shingo Kitada Bureau of Waterworks, Tokyo Metropolitan Government</i>
62	3881798	JP	Rapid Emergency Restoration Of Water Pipelines By Building A Leakage Information Gathering System <i>Noriaki Naganuma Bureau of Waterworks, Tokyo Metropolitan Government</i>
63	3897357	JP	Lessons From Different Types Of Major Earthquakes And Models To Strengthen Measures <i>Tsunehiro Ozawa Bureau of Waterworks</i>
64	3898168	JP	A Mechanism That Can Dispatch Rescue Supporting Teams Promptly And Smoothly Anytime, Anywhere A Disaster Occurs <i>Akihiko Takei Bureau of Waterworks, Tokyo Metropolitan Government</i>
65	3901475	JP	Enhancing Customer Delivery Service In Rainfall Information System (Tokyo Amesh) <i>Naoto Suruga Tokyo Metropolitan Government</i>
66	3901671	JP	Establishing A Dual Transmission System Using The Portable Pump Of An Engine Drive <i>Yuta Mori Sendai City Waterworks Bureau</i>
67	3904882	JP	System Development To Efficiently Consolidate Damage Information On Large-Scale Earthquakes And Other Disasters <i>Mitsue Asuke Bureau of Waterworks, Tokyo Metropolitan Government</i>



68	3897071	JP	Impacts Of Fuji Eruption On Water Supplies And Countermeasure <i>Kenichi Saito Kanagawa Prefectural Government</i>
69	3901898	JP	Damage To Water Supply In FY 2016 Kumamoto Earthquake And Countermeasures <i>Akihide Nagahama Kumamoto City Waterworks and Sewerage Bureau</i>
70	3901960	JP	Water Leakage Survey Conducted After The Kumamoto Earthquake <i>Yuji Matsuoka Kumamoto City Waterworks and Sewerage Bureau</i>
71	3901987	JP	Impact On Water Quality Of Tap Water Resources Caused By The Kumamoto Earthquake <i>Kaori Yoshida Kumamoto City Waterworks and Sewerage Bureau</i>
72	3902822	JP	Cavities Exploration Around The Sewage Pipe Using Multi-array Chirp Signal GPR <i>Toshimune Imai Kawasaki Geological Engineering Co., Ltd.</i>
73	3919808	CN	Recent Progress for Emergency Water Supply in China to Address Chemical Spills: Technologies, Management & Practices <i>Chao Chen Tsinghua University</i>
74	3903067	BE	Resource And Energy Recovery In Flemish Municipal WWTP's: Current Practice And Future Perspectives <i>Marjoleine Weemaes Aquafin nv</i>
75	3893490	JP	Strategic Challenge To Optimize The Maintenance Of Water Pipeline By Application Of Mapping System In Hiroshima City <i>Rina Nakano Waterworks Bureau of the City of Hiroshima</i>
76	3900953	JP	Application Of Adaptive Resonance Theory To Anomaly Prediction For Water Pumps <i>Koji Kageyama Hitachi, Ltd.</i>
77	3904140	UK	Excel Based Tool For Optimum Pump Scheduling Of Water Systems <i>Razieyh Farmani University of Exeter</i>
78	3902166	PH	Evaluating The Costs And Benefits Of Water And Wastewater Infrastructure PPPs In The Philippines <i>Yang Villa Metro Pacific Water</i>
79	3918738	MA	Cost Of Connecting And Disadvantaged Households <i>Mustapha El Amery ONEE Morocco</i>
80	3900709	JP	Establishing A Stopping Control For Small Hydropower Generation Equipment To Minimize Impact On Water Distribution <i>Yoshiaki Hirabayashi Waterworks Bureau, City of Kawasaki</i>
81	3902712	TW	The Feasibility Of Sediments From Public Water Factory Used As Agricultural Media <i>Chung Ming Chang Taiwan Water Corporation</i>
82	3900616	CN	Efficient Degradation Of Ofloxacin By Fenton-like Reaction With Sludge Derived Carbon As Catalysts <i>Yang Yu Nanjing Tech University</i>

83	3903050	CN	An Approach To Prepare Porous Carbon Nanotubes Adsorbents For Efficient Removal Of Typical Pharmaceuticals <i>Jin Li Tsinghua University</i>
84	3903166	JP	Screening Detection Of Semi-volatile Organic Chemicals In River <i>Takashi Kameya Yokohama National University</i>
85	3902805	CN	Optimal Cultivation Of Bioengineered Synechococcus Sp. PCC 7002 Using Response Surface Method <i>Di Li Tsinghua University</i>
86	3903574	SG	Electro-Fenton Technology For The Treatment Of Real Pharmaceutical Wastewater: A Feasibility Study <i>Olivier Lefebvre National University of Singapore</i>
87	3847112	JP	Application Of Sulfuric Acid Conversion Biological Desulfurization To Biogas Facilities And Siloxane Removal <i>Yu Kawasaki Ebara Jitsugyo Co., LTD.</i>
88	3899764	JP	Multiple Utilization Of Reclaimed Water <i>Kosuke Hata Waterworks and Sewerage Bureau, Sakai City</i>
89	3903359	CA	Modelling Biological Removal Of Selenium Oxyanions <i>Rajeev Goel Hydromantis ESS, Inc.</i>
90	3902420	US	Near Zero Liquid Discharge Of Beverage Plant Wastewater For Water Reuse Purpose: Pilot Scale Study <i>Jimmy Yu PepsiCo</i>
91	3902700	CN	Catalytic Ozonation With Fe2O3/SBA-15 In Aqueous Solution: Interface Synergistic Effect Of Hydroxyl Radical Formation <i>Lei Yuan Heilongjiang Academy of Science</i>
92	3919091	JP	Disposal Of Contaminated Soil-Responding To The Dioxin Special Measures Law <i>Fuzuki Machida Tokyo Metropolitan Government</i>
93	3900906	JP	Investigation On Causative Substance Of Fouling And Chemical Cleaning Effect At UF Membrane For Reclaimed Water <i>Masanori Hayasaka Tokyo Metropolitan Sewerage Service Corporation</i>
94	3904339	IL	Reduction Of Cryptosporidium Infectivity, And Microbial Indicators By Tertiary Wastewater Treatment Including Either UV <i>Abidelfatah Nasser Ministry of Health</i>
95	3902286	CN	Desalination And Reuse Of Flowback And Produced Water From Weiyuan Shale Gas Play <i>Baicang Liu Sichuan University</i>
96	3903047	CN	Decolourization Of Acid Red B By Using Fungal Pellets Of Aspergillus Niger X-5 <i>Xuanyuan Pei Harbin Institute of Technology</i>



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## Towards Stable & Resilient Water Supply

- ✓ Information Provision
- ✓ Human Resource Development
- ✓ Mutual Support Network in the case of Disaster
- ✓ Cooperate with Overseas Water Associations
- ✓ Intelligence for Water Professionals



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97	3903090	JP	Study On Attitudes And Willingness To Pay For Domestic Wastewater Services: A Contingent Valuation Survey In Ho Chi Minh <i>Truc Le Toyo University</i>
98	3903938	BR	Water Reuse As An Improvement Tool For The Integrated Water Resources: A Case Study At IFMA <i>Lucas Nascimento The Federal Institute of Education, Science and Technology of Maranhão (IFMA)</i>
98b	3907520	HK	Floating Photovoltaic Panels On Reservoirs In Hong Kong <i>Ming Kwong Wong Hong Kong SAR Government</i>
99	3890309	BR	Segregation Of Solid Waste In Industry: A Sustainable Action <i>Liliana Naval Federal University of Tocantins</i>
100	3902419	CN	The Degradation Of Sulfamethoxazole In Anaerobic Sulfate-Reducing Bacteria Sludge System <i>Hui Lu Sun Yat-sen University</i>
101	3903222	KR	Algal Blooms Control Technologies In Public Waters <i>Bokjin Lee Korea Institute of Civil Engineering and Building Technology (KICT)</i>
102	3919406	CN	Low Concentrations Of Al(III) Could Cause Saturated Porous Media Clogging And Si Dissolution <i>Dandan Zhou Northeast Normal University</i>
103	4188930	CN	Comparison Of Electrochemical Degradation Of Sulfonamides With BDD And Pt Electrodes <i>Hongna Li Chinese Academy of Agricultural Sciences</i>
104	3903577	KR	Development Of PAC Loaded Covalent Organic Polymer Containing Prussian Blue For Removal Of Soluble Cesium <i>Kim Sol Korea Institute of Civil Engineering and Build Technology</i>
105	3878580	IR	Investigation Of Arsenite Removal From Drinking Water By Adsorption Onto Organically Modified Nanoclay (ONC): Optimization <i>Hassan Masoudi Payam Noor University</i>
106	3922356	CN	Performance And Characterization Of An Aminated Rosin-based Adsorbent For Removing Heavy Metals From Water <i>Shaogang Liu Guangxi University for Nationalities</i>
107	3900876	CN	In-situ Self-assembly Of Fe3O4@plant Polyphenol Particles For Microalgae Harvesting <i>Wenyan Liang Beijing Forestry University</i>
108	3903655	JP	Temporal Changes Of Total Lipid Content In Indigenous Microalgae Under Abundant And Scarce Nutrient Conditions <i>Yugo Takabe Tottori University</i>
110	3884952	CN	Integrated Ultrafiltration-Capacitive-Deionization For One-Step Water Purification <i>Shuai Liang Beijing Forestry University</i>
111	3899133	TW	An Introduction Of Wastewater Reclamation/Reuse In Taiwan <i>Hsin-Hsu Huang Sinotech Engineering Consultants, Inc.</i>
112	3901058	ZA	Use Of Acidic Mine Drainage For The Pre-treatment Of Lignocellulosic Biomass <i>Nicholas Burman University of the Witwatersrand</i>
113	3901094	JP	Study On Reuse Of Wastewater Treated Effluent And Sewage Sludge In Arid Region <i>Satoru Oniki NJS Consultants Co., Ltd.</i>
114	3901997	CN	An Investigation Of Dual-step Ozone Induced Flotation Process For Wastewater Reclamation And Microbubble-flocs Analysis <i>Xin Jin Xi'an University of Architecture and Technology</i>
115	3904052	IT	Comparative Assessment Of GAC-UV-UV/H2O2 Tertiary Treatment For Wastewater Reuse From Anaerobic And Aerobic Processes <i>Francesco Fatone Università Politecnica delle Marche</i>
116	3874332	JP	Conversion Of Sewage Sludge And Livestock Manure Into Valuable Fertilizer By Subcritical Water Treatment Reactors <i>Jun Matsushita Chuo University</i>
117	3899104	JP	Coexistence Between The Nakagawa Construction-related Soil Improvement Plant And The Local Community <i>Daisuke Aoike Tokyo Metropolitan Sewerage Service Corporation</i>
118	3901004	JP	Application Of Functional Material Derived From Biosolids As Dispersant In Contaminated Soil Purification Method <i>Masato Endo METAWATER Co., Ltd.</i>
119	3903660	DK	Harvesting Carbon In Wastewater - A Way To Optimise Energy Production And Increase The Capacity Of WWTP <i>Jeanette Madsen EnviDan A/S</i>
120	3903981	DK	WWTP Supporting Circular Economy By Utilizing Organic Waste For Biogas And Organic Fertilizer <i>Jacob Andersen EnviDan A/S</i>
121	3904081	DK	Activity Of PAO Bacteria In Anaerobic Digesters And Their Significance For P Recovery <i>Marta Nierychlo Aalborg University</i>
122	3915323	ES	Valorisation Of Sewage Sludge Through Anaerobic Digestion To Produce Volatile Fatty Acids <i>Maria Veiga University of A Coruña</i>
123	3919723	US	Resource Recovery (ammonia And Phosphate Minerals) From Wastewater Using Gas-permeable Membranes <i>Matias Vanotti United States Department of Agriculture (USDA)</i>
124	3901041	HK	Recovery Of Organic From The Sludge Of Chemically Enhanced Primary Sedimentation As A Carbon Source For Denitrification <i>Yingyu Li The University of Hong Kong</i>
125	3901673	JP	Cultivation Of Euglena By Utilizing Sewage Origin CO2 And Nutrients <i>Hideyuki Suzuki Euglena Co.,Ltd.</i>
126	3901736	DK	Perspectives And Limitations Of Hybrid Osmotic Microfiltration Bioreactor For Nutrients Recovery <i>Mads Koustrup Jørgensen Aalborg University</i>
127	3903023	HK	A Sulfide-driven Denitrifying Bioelectrochemical System For Simultaneous Sulfide And Nitrate Removal <i>Xilling Li The Hong Kong University of Science and Technology</i>
128	3902977	ZA	Growing Bio-bricks From Source-separated Urine <i>Dyllon Randall University of Cape Town</i>
129	3903296	BR	Nitrogen Doses And Humidity Variation In Microalgae Biofilm Establishment In Soil <i>Maria Calijuri Universidade Federal de Viçosa</i>
130	3903425	DK	The Billund Biorefinery - Transforming Organic Waste Streams Into Valuable Products <i>Chitra Raju Billund Vand A/S</i>

131	3903432	KR	Optimal Molar Ratio Decision For Concurrent Struvite Crystallization To Remove Phosphorus And Nitrogen <i>Na-Ri Park University of Science and Technology KICT School</i>
132	3903590	TH	Fe-struvite Recovery From Swine Wastewater And Its Application For GHGs Reduction From Paddy Field <i>Wilasinee Yoochatchaval Kasetsart University</i>
133	3903647	CN	An Overview Of Nitrogen-recovery Technologies From Source Separated Human Urine <i>Zifu Li University of Science and Technology Beijing</i>
134	3901559	AU	Phosphorus Recovery From High Rate Membrane Bio-reactor Effluent For Beneficial Use: Phosphate Fertilizer Production <i>Saravanamuthu Vigneswaran University of Technology Sydney</i>
135	3901621	AU	Gas Phase Reduction (GPR) - Maximising Energy And Nutrient Recovery From Biosolids <i>Chris Hertle GHD Pty Ltd</i>
136	3881916	FI	RAVITA- An Innovation For Phosphorus And Nitrogen Recovery From Wastewater <i>Mari Heinonen Helsinki Region Environmental Services Authority</i>
137	3904103	ES	Bioelectrochemical Treatment Of Sulfate Wastewater Towards Sulfur Recovery <i>Juan Antonio Baeza Universitat Autònoma de Barcelona</i>
138	3901775	DK	Transfer From Wastewater Treatment To Circular Economy In Copenhagen <i>Dines E Thornberg BIOFOS</i>
139	3868614	US	Future-Proofing Water Resource Recovery Facilities By Embracing Disruptive Technologies <i>Julian Sandino CH2M</i>
140	3890573	JP	A Study On The Use Of A Sewage Treatment Plant As A Base For The Circulation Of Water, Materials And Energy In Watershed <i>Toshiki Fukushima METAWATER Co., Ltd.</i>
141	3901077	IT	Thermal Energy Recovery From Municipal Wastewater Treatment By An Innovative Hybrid Energy Recovering System <i>Claudio Di Iaconi Water Research Institute - CNR</i>
142	3902226	FR	Achieving Sustainable And Long Term NOB Repression For Shortcut Nitrogen Removal And Mainstream Deammonification <i>Bruno Barillon SUEZ, CIRSEE</i>
143	3902312	DE	Viability Of Two-stage Microbial Fuel Cell Operation In Paper Mill Waste Water Treatment <i>Daniel Bastian RWTH Aachen University</i>
144	3903028	JP	Model-Based Evaluation Of Discharge-Charge Repeating Effects On Electric Power Generation Of Microbial Fuel Cells <i>Aiichiro Fujinaga Osaka Sangyo University</i>



Connecting safe,  
reliable water systems  
to future generations

Clean, safe water is a precious resource to be protected forever. This is Kurimoto's mission in delivering high-performance water supply systems. We will continue pursuing this mission as we move toward a bright future, so as to connect the passion we pour into our products to future generations.

**KURIMOTO, LTD.**  
**Ductile Iron Pipes and Valves**

145	3903734	JP	Establishment Of National Performance Target Value For Energy Efficiency Of Sewage Sludge Incinerators In Japan <i>Kohsuke Watanabe National Institute for Land and Infrastructure Management</i>
146	3903936	DK	Higher Environmental Performance In Waste WATer Systems - HEPWAT <i>Theis Gadegaard Krüger A/S</i>
147	3895469	IR	A Novel Combined SBR/Fenton Process For The Removal Of Azo Dye AR18 And Its Aromatic Intermediates <i>Sayed Mohammad Reza Alavi Moghaddam Amirkabir University of Technology</i>
148	3898257	JP	Achievement Of Compatibility Between Water Quality Improvement And Energy Saving <i>Ryosuke Kikuchi Tokyo Metropolitan Government</i>
149	3899263	TH	Comparison Of Cell Entrapment Modes For Phenol-contaminated Wastewater Treatment <i>Pongsatorn Taweetanawanit Sisaket Rajabhat University</i>
150	3900697	JP	A Bioelectrochemical System-based Biosensor For Monitoring Biochemical Oxygen Demand In Purified Wastewater <i>Qiaochu Liang Kanazawa University</i>
151	3901656	JP	Reduction Of Energy Consumption In WWTPs Using Low Pressure Loss Membrane Diffuser <i>Ryosuke Ono KUBOTA Corporation</i>
152	3901937	JP	Automatic Control Of Full-scale Activated Sludge Processes Based On Online Oxygen Requirement Calculation <i>Jixian Zhan Water Agency Inc.</i>
153	3903443	JP	High 1,4-Dioxane Degradation Performance Of Activated Sludge Treating Industrial Wastewater <i>Masaya Shimizu Ibaraki Prefecture</i>
154	3903607	BE	Towards Improved Carbon Recovery In High-rate Activated Sludge Systems: Unravelling Flocculation Behaviour <i>Ingmar Nopens Ghent University</i>
155	3903787	JP	Effect Of Nitric Oxide Bubbling During The Stirring Process On Nitrous Oxide Production By Ammonia Oxidizing Bacteria <i>Taishi Akagi Nihon University</i>
156	3904268	JP	Improvement Of Processing Performance By Forming Granules Of Activated Sludge <i>Kouji Kassai Tokyo Metropolitan Government</i>
157	3905643	CN	Free Ammonia Pretreatment Improves Degradation Of Secondary Sludge During Aerobic Digestion <i>Kang Song Institute of Hydrobiology, Chinese Academy of Sciences</i>
158	3902102	CN	Non-monotonic Dose-response Effects On Microcystis Aeruginosa Growth Upon H2O2: Synergetic Damages In Vitro And In Vivo <i>Tingru Zhou Tsinghua University</i>
159	3902122	CN	Enhanced Growth Suppression Of Microcystis Aeruginosa Cells By Ultraviolet-C Irradiation And Hydrogen Peroxide <i>Jie Zheng Tsinghua University</i>
160	3903619	CN	Unsynchronized Production Of Microcystin And Odorous Compound In Microcystis Aeruginosa Upon UV-C Irradiation <i>Xuejian Wang Tsinghua University</i>
161	3903881	DE	PowerStep - A Real Paradigm Shift In Wastewater Treatment Processes <i>Christian Loderer KWB - Berlin Centre of Competence for Water</i>
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174	3902981	JP	Nitrous Oxide Emission From Activated Sludge Processes In Japan <i>Atsuko Michinaka National Institute for Land and Infrastructure Management</i>
175	3902992	CN	Performance And Microbial Community Of ISDD Process Operating Switchover From Micro-aerobic To Anaerobic Condition <i>Xijun Xu Harbin Institute of Technology</i>
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179	3900635	SG	Effect Of Nitric Oxide On Microbial Community And Activity In Anammox Enrichment <i>Gayathri Natarajan SCELSE, Nanyang Technological University</i>
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183	3902124	JP	A Novel Nitrogen Removal System By Combined ANAMMOX With Denitrification For High Ammonia Wastewater Treatment <i>Ge Yongsheng Swing Corporation</i>
184	3902210	JP	Nitrogen Removal And Microbial Community In Sulfate Reduction, Denitrification/Anammox And Partial Nitrification(SRDAPN) <i>Yuka Kosugi Kanazawa University</i>
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187	3907700	JP	Coupling Denitrification For Simultaneous NH4-N And NO3-N Removal By Anammox And Hydrogenotrophic Denitrification <i>Tatsuru Kamei University of Yamanashi</i>
188	3918985	CN	Treatment Of Rural Wastewater Using A Spiral Fiber Based Salinity-resistant Sequencing Batch Biofilm Reactor <i>Chao Chunfang Tianjin University</i>
189	3927465	JP	Demonstration Of Nitrogen Removal From Groundwater With Partial Hydrogenotrophic Denitrification (PHD) And Anammox <i>Kenta Shinoda University of Yamanashi</i>
190	3902915	CN	Advanced Nitrogen Removal Of Denitrification Filter With Corncob As Slow-release Carbon Source <i>Di Cui Harbin University of Commerce</i>
191	3903521	CN	A Nitrogen Removal Process Using An Algal-bacterial Membrane Coupled Photo-sequencing Batch Reactor (MPSBR) <i>Guangyao Chen Tsinghua University</i>
192	3903075	SG	Employing Molecular Methods To Understand The Behaviour Of Select Nutrient-removing Organisms And Genes In Two Lab-scale <i>Ryan De Sotto National University of Singapore</i>
193	3903399	JP	Nitrogen Removal From Swine Wastewater In Activated Sludge Systems Using An ASM For Continuous And Intermittent Aeration <i>Miyoko Waki NARO Institute of Livestock and Grassland Science</i>
194	3903925	IT	Influence Of N:P Ratio On The Nitrogen Removal Processes In Lab-scale Photobioreactors Treating Real Digestate <i>Micol Bellucci Politecnico di Milano</i>
195	3902748	CN	Feasibility Of Autotrophic ZVI-dependent Nitrate Reduction By Anammox Bacteria <i>Zhen Bi Suzhou University of Science and Technology</i>
196	3901908	JP	Study On Treatment Of High Concentration Waste Water Using Soil Bacteria <i>Iwahito Takahashi Nihon University</i>
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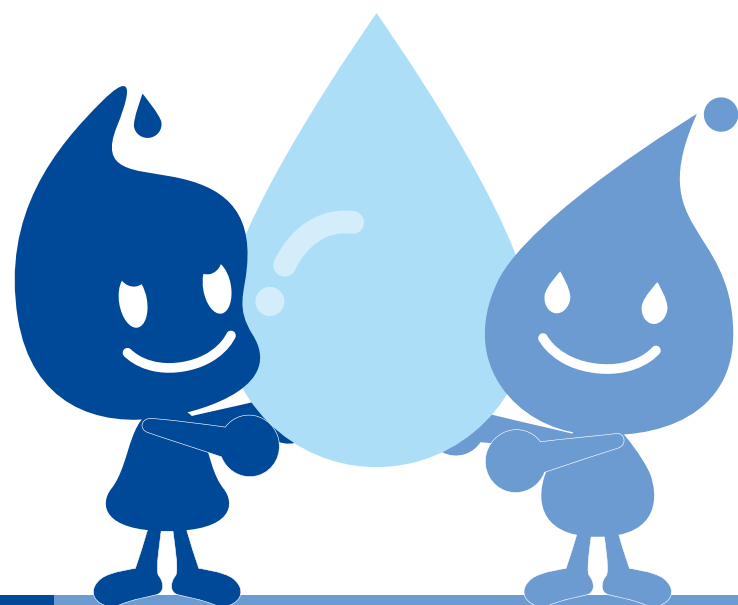


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221	3903678	ES	Study For Treating Food & Beverage Wastewaters Using The SIAM Technology: Nitrogen And Dissolved Methane Elimination <i>Celia Maria Castro-Barros Galician Water Research Center Foundation</i>
222	3907499	CN	Enhanced Nitrogen Removal Of Anammox Process By Anodic Ammonium Oxidation In Bioelectrochemical System <i>Tingting Zhu Chinese Academy of Sciences</i>
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225	3921051	CN	The Disruption Of DAMO & Anammox Granules And The Community Succession <i>Liang Fu Northeast Normal University</i>
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227	3900649	JP	Analysis Of Microbial Diversity Of High Temperature Waste Sludge Composting System <i>Toshiyuki Moriya Kyowa kako Co., Ltd</i>

228	3890723	CN	Effect Of CaO2 Addition On The Production Of TSCFAs During The Anaerobic Digestion Of WAS At Different Temperature <i>Yongmei Li Tongji University</i>
229	3893558	JP	Comprehensive Energy Evaluation Of Sludge From Small Wastewater Treatment Facilities For Anaerobic Co-digestion <i>Taira Hidaka Kyoto University</i>
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236	3901856	JP	Development Of Methods To Evaluate Blockage Risk And To Prevent Its Occurrence In Sewage Sludge Incinerators <i>Hihashi Kishimoto Tokyo Metropolitan GovernmentComp</i>
237	3901863	JP	Effect Of Recycling Fibrous Materials Recovered From Sludge As A Dewatering Aid <i>Haruo Miyake Japan Sewage Works Agency</i>
238	3901951	JP	Demonstration Research On Innovative Biogas Production Process In WWTP <i>Yasuhiro Nishimura Kobelco Eco-Solutions Co.,Ltd.</i>
239	3902058	JP	Long-term Stable And Safety Storage By Drying Treatment Of Sewage Sludge In Fukushima City <i>Hiroshi Yamakoshi Nippon Steel &amp; Sumikin Engineering</i>
240	3902306	JP	Biosolids Reuse As Fertilizer And Fuel By Advanced Dryer Of High Efficiency Using Heat Pump With Self-heat Recuperation <i>Taichi Ota National Institute for Land and Infrastructure Management</i>
241	3903614	JP	The Behavior Of Mercury And Other Heavy Metals In Sewage Sludge Mono Incinerators <i>Yingchao Cheng Kyoto University</i>
242	3903818	JP	Comparison Of DME And Bligh-Dyer Method In Lipid Extraction And Sewage Sludge Dewatering <i>Quan Wang Kyoto University</i>



## Continue to Contribute to the Water Infrastructure



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### Desalination Plant

- Abundant experience especially in Middle East
- Total 45 projects completed
- Capability of all process (MSF · MED · RO)



### Water Treatment systems

- “MARIMO” and “KEMARI” are high speed fiber filtration technologies.
- These systems’ filtration rate are much higher than sand filtration; can be over 1,000m/day.



### Hydrospring Hydrogen Generation System

- On-site system which can generate hydrogen with high purity by electrolysis of pure water.
- Ideal solutions to meet customer’s various demands safely and reliably.



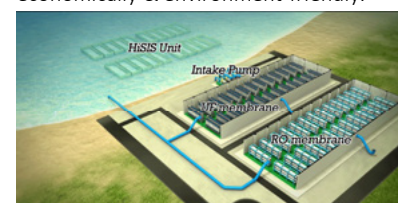
**Hitz** Hitachi Zosen Corporation  
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Hitachi Zosen Corporation is a global leading engineering company in the fields of environment and water business. We would like to welcome you our booth and presentation to find further details about our technology and vision.

### HISIS

#### (High-Speed Seabed Infiltration System)

- HISIS is the hybrid system of a seawater intake and high grade pretreatment system.
- HISIS combined with UF membrane make pretreatment for SWRO plants more economically & environment-friendly.



### Reverse Osmosis(RO) Technology

- Osmoflo has expanded business of desalination and industrial water treatment by utilizing RO.
- In 2017, Hitachi Zosen acquired Osmoflo.



### Filter Press

- Filter press is known as the most simple and effective dehydrator.
- More than 4,000 units achievement for industrial plants & water treatment plants.



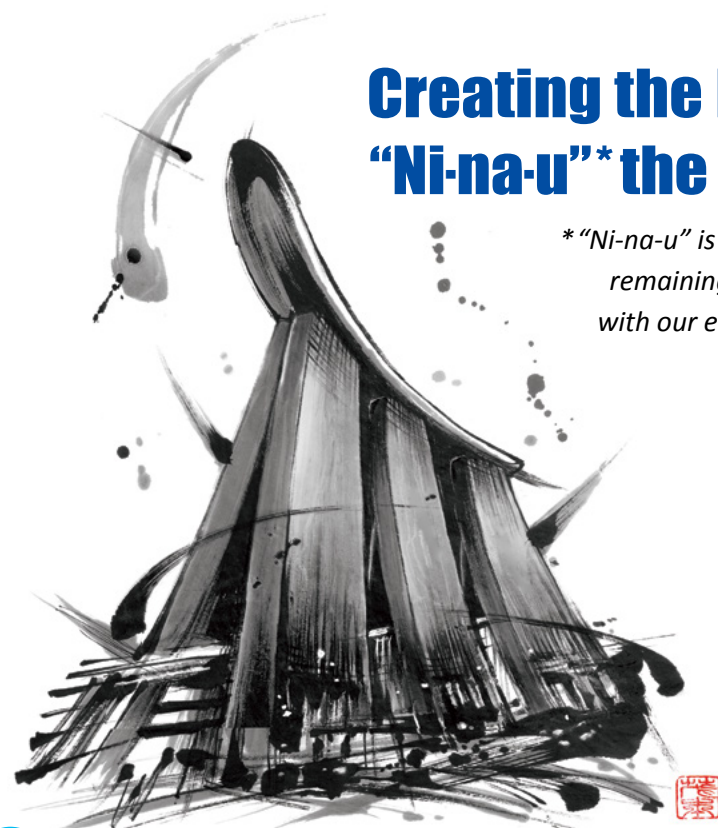
243	3916555	US	The Effectiveness Of Sorbent Polymer Composite For Mercury Removal At A Full-Scale Municipal Sludge Incinerator <i>Kwok-Wai Tsang CDM Smith</i>
244	3898224	JP	Research On The Mercury Emission From Sewerage Sludge Incinerators <i>Tamayo Hashiya Tokyo Metropolitan Government</i>
245	3903305	JP	The Development Of The Conversion Technology Of The Sludge To Various Uses Using The New Dewatering And Drying System <i>Dai Takao Tsukishima Kikai Co., Ltd</i>
246	3903457	CN	Magnetic Micro-particle Conditioning-pressurized Vertical Electro-osmotic Dewatering (MPEOD) Of Activated Sludge <i>Yili Wang Beijing Forestry University</i>
247	3903695	JP	Earthworms Facilitate Attenuation Of QNr A Gene In Municipal Sludge <i>Guangyu Cui Gifu University</i>
248	3902264	NO	A Whole-Community Biosolids Management Based On Advanced Digestion <i>Zuliang Liao Cambi Group AS</i>
249	3904119	CA	Transformation And Toxicity Of Silver Nanoparticles During Sludge Conditioning And After Land Application <i>Banu Ormeci Carleton University</i>
250	3903568	JP	High-rate Nitrogen Removal Process By Using Granular Sludge <i>Yoshiaki Hasebe Organo Corporation</i>
251	3903979	DK	Calibration And Validation Of A Biofilm Model For A Pilot Scale Anammox Based Mainstream Process <i>Chitta Behera Technical University of Denmark</i>
252	3919809	JP	Influence Of Low-strength Wastewater On Aerobic Sludge Granulation And Applicability To Municipal Wastewater <i>Masaki Miyake Organo Corporation</i>
253	3878991	CN	Succession Of Microbial Communities In Response To A Ethanol Blend Fuel Release Throughout The 5-year Plume Life Cycle <i>Jie Ma China University of Petroleum-Beijing</i>
254	3900224	ES	Identification Of Pseudonocardia Sp As The Filamentous Bacteria Associated With Sludge Bulking In A Bioethanol WWTP <i>José L. Alonso Universitat Politècnica de València</i>
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257	3903549	KR	Formation Of Nitrifying Granules In Sequencing Batch Air-lift Reactor To Develop Continuous Process <i>Changhyun Ryu Korea Institute of Science and Technology</i>
258	3890621	JP	Microbial Population On Two Types Of Carrier In Anaerobic Fluidized Bed Reactor Under Several Operational Conditions <i>Junta Takahashi Swing Corporation</i>
259	3900614	AU	Pilot-scale Operation Of Hybrid Fixed Bed Activated Sludge System On Anaerobically Treated Wastewater <i>Karine Wong Chon Hon Downer</i>
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261	3903281	BR	Performance Of A Biofilm Airlift Suspension Reactor With Third Tube Using For Domestic Wastewater Treatment <i>Tsunao Matsumoto Univ. Estadual Paulista</i>
262	3904046	BR	Speeding Up The Aerobic Granulation With Calcium And Sodium Alginate <i>Jessica Xavier Federal University Santa Catarina</i>
263	3905561	CA	Impact Of Food-to-microorganisms Ratio On The Settleability Of Aerobic Granular Sludge Treating High-strength Wastewater <i>Rania Hamza University of Calgary</i>
264	3884997	JP	Evaluation Of Short-Term Effects Of Increased Salinity On Carbon Utilization Of Estuarine Sediment Microbes <i>Satoshi Soda Ritsumeikan University</i>
265	3899027	JP	Expression Analyses Of Genes In Musty Odorant Cyanobacteria <i>Rumiko Yano Yokohama Waterworks Bureau</i>
266	3903921	ZA	Evaluation Of Molecular Methods For Industrial And Routine Monitoring Applications <i>Zaakirah Delair University of Johannesburg</i>
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268	3908662	JP	Distribution Of Anaerobic Ammonium Oxidation (Anammox) Bacteria In Groundwater Of Kathmandu Valley In Nepal <i>Mai Nakano University of Yamanashi</i>
269	3901641	JP	Fate Of Endotoxin Activity In The Course Of Drinking Water Purification Process <i>Dai Simazaki National Institute of Public Health</i>
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272	3902281	PT	LIFE Impetus: Improving Current Barriers For Controlling Pharmaceutical Compounds In Wastewater Treatment Plants <i>Maria João Rosa Laboratório Nacional de Engenharia Civil</i>
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274	3902347	DE	Status Quo Of Micropollutant Removal In Central Europe <i>Ludwig Dinkloh Xylem Services GmbH</i>
275	3902421	CA	Development Of An Efficient Integrated Technology For The Removal Of Emerging Contaminants <i>Muhammad Faizan Khan University of Calgary</i>
276	3903402	JP	Removal Of Nonylphenol And Nonylphenol Monoethoxylate From Water And Sludge Samples By Ferrate (VI) <i>Warunee Limmun Iwate University</i>

277	3903755	AU	Laccase-catalysed Degradation Of Micropollutants Of Emerging Concern By A Nanofiltration Enzymatic Membrane Bioreactor <i>Faisal Hai University of Wollongong</i>
278	3901763	DK	Advances In Measurement Of Microplastics In Wastewater - In A Danish Context <i>Hanne Loekkegaard Danish Technological Institute</i>
279	3903780	PT	Improving The Control Of Pharmaceutical Compounds In WWTPs Through The Addition Of New Waste-based Activated Carbons <i>Maria João Rosa LNEC – National Civil Engineering Laboratory</i>
280	3898178	JP	Treatment Of Organic Wastewater By Multi Stage Biofilm Treatment To Reduce Excess Sludge Production And Air Amount <i>Kiyomi Arakawa Ebara Jitsugyo Co., Ltd.</i>
281	3882122	DE	Evaluation Of Activated Carbon Produced From Wastewater Screenings Using Hydrothermal Carbonization <i>Daniel Bastian RWTH Aachen</i>
282	3902890	KR	The Performance Of Pollutants Removal Using Nonpoint Treatment Filtration Device And Analysis Of The Filter Backwashing <i>Junho Lee Korea National University of Transportation</i>
283	3902891	CN	Biosorption Behavior Of Cd(II) By EPS From Agrobacterium Tumefaciens F2 <i>Ang Li Harbin Institute of Technology</i>
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287	3903482	JP	Seasonal Variation Of Rotavirus Concentration In Cultured Oysters In Japan <i>Erika Ito Yamagata University</i>
288	3903680	JP	Effect Of Nitrification Process On Fluorotelomer Alcohols Biotransformation In Activated Sludge <i>Fumitake Nishimura Kyoto University</i>
289	3903856	TW	Carbadox Transformation By Phosphonate- And Carboxylate-based Chelating Agents Mediated By Mn(III) <i>Wan-Ru Chen National Cheng Kung University</i>
290	3904676	PT	Optimization And Validation Of ASE-HPLC-FLD-DAD Method For Extraction And Analysis Of Sixteen PAH In Sewage Sludge <i>Maria Benoliel EPAL - Empresa Portuguesa das Águas Livres, S.A.</i>
291	3907522	ES	Temporal Variability And Effects Of Multiple Stressors On The Aquatic Invertebrate Community Under Semi-arid Conditions <i>Andreu Rico IMDEA Water Institute</i>
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299	3902803	JP	Effect Of Operating Condition Of Baffled Membrane Bioreactor (B-MBR) On Treated Water Quality And Sludge Filterability <i>Taro Miyoshi Maezawa Industries, Inc.</i>
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With Xylem's intelligent technologies and integrated solutions, we are solving the world's most complex water challenges and meeting our customers' most critical needs. Together, we can create a world in which water issues are no longer a barrier to human health, prosperity and sustainable development.









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464	3900864	KR	Scaling And Fouling In NF Membrane For Treating Anoxic Groundwater In Managed Aquifer Recharge (MAR) Extraction Wells <i>Chanhyuk Park Korea Institute of Science and Technology</i>
465	3901924	JP	Delivery Waterworks Class Held In Malawi <i>Hiroyuki Nozue Yokohama Waterworks Bureau</i>
466	3903172	JP	Development Report Of DUV-LED Reactor Full-Scale Water Treatment <i>Masahiro Ito METAWATER Co., Ltd.</i>
467	3904766	MA	Non-conventional Processes, A Solution To Manage Water Ressources In Morocco Within The Climate Change Framework <i>Khalid Tahri National Office of Electricity and Potable Water</i>
468	3901166	DE	Advanced Online Control For Ozone-enhanced Biologically Active Filtration System For Municipal Water Reuse <i>Achim Ried Xylem Services GmbH</i>
469	3902098	JP	Virus Removal By Coagulation-ceramic Microfiltration <i>Takashi Yonetani METAWATER Co., Ltd.</i>
470	3902227	NL	Feasibility Of WWTP Effluent As Alternative Resource For Water Utility Dunea: A Technical And Client Perspective <i>Gertjan Zwolsman Dunea N.V.</i>
471	3903160	CN	Impact Of Inorganic Ions On The TCMFP And CHFP Of Different Molecular Weight Aquatic NOM <i>Xiaoxiao Zhang Harbin institute of Technology</i>
472	3903376	JP	Analysis Of Reaction Products In Chlorinated Water Containing Essential Oil Component <i>Koji Tosa Kanazawa Institution of Technology</i>
473	3903844	TW	The Potential Impacts Of Climate Change On Drinking Water Quality And Disinfection By-products Formations <i>Gen-Shuh Wang National Taiwan University</i>
474	3900618	CN	Ecotoxicity Of Gabapentin On Early Development Of Zebrafish (Danio Rerio) <i>Yide He Nanjing Tech University</i>
475	3901637	JP	Development And Verification Of Microcosm-WET Test On Basal Medium Concentration <i>Tsuchiya Tomomi Chiba Institute of Technology</i>
476	3901852	JP	Monitoring Of Pesticides In Rivers In Central And Southern Area Of Yokohama And Testing Toxicity With Daphnia Magna <i>Manabu Sakai Yokohama Environmental Science Research Institute</i>
477	3903706	JP	Comparison Of Fecal Exposure Assessment In Living Environment Between Boy, Girl And Male Adult In A Bangladeshi Slum <i>Min Li Chua Kyoto University</i>
478	3904049	MX	Risk Assessment For Indirect Potable Reuse: Case Study Of A Pilot Treatment Plant For Mexico City <i>Ines Navarro National University of Mexico</i>
479	3906783	JP	Efforts To Respond To Raw Water Quality Accidents By Regional Collaboration With Water Utilities In The Basin Area <i>Yuki Sato Bureau of Waterworks</i>
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485	3899211	IL	Four Ways To Improve The Performance Of Low-Cost Ceramic Filters For Household Water Treatment <i>Vitaly Gitis Ben Gurion University of the Negev</i>
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490	3890712	JP	Reestablishment Of Water Supply System In A Depopulation Society And Research Needs <i>Sadahiko Itoh Kyoto University</i>
491	3904824	JP	Characteristics Of Suspended Solids And Their Loads Into Water Distribution System Under Different Treatment Processes <i>Tomohiro Nakanishi Kyoto University</i>
492	3893680	JP	Seismic Performance Evaluation Of The First Earthquake-Resistant Ductile Iron Pipe In Japan (After Serving For 38 Years) <i>Yasutaka Uchimiya Hachinohe Regional Water Supply Authority</i>
493	3900641	JP	Analysis Of Foreign Substances Found In Tap Water <i>Ken-Ichi Ogura Okayama City Waterworks Bureau</i>
494	3901783	DK	Commissioning Of New Drinking Water Pipes - The Role Of Biofilms In The Distribution Network <i>Torben Lund Skovhus VIA University College</i>
495	3902046	JP	Innovative Solution To Large Ground Displacement -Steel Pipe For Crossing Fault <i>Hayato Nakazono JFE Engineering Corporation</i>
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502	3902043	JP	The Progress In Temporary Wastewater Treatment Process During Post-Disaster Reconstruction <i>Hikaru Nishizaka Sendai City Government</i>
503	3900851	JP	Efforts After The Great East Japan Earthquake And The Current Situation <i>Yuya Oshikiri Sendai City Waterworks Bureau</i>
504	3901955	JP	Emergency Water Supply At The Time Of Disaster ˆBased On The Cooperation Among Local Governments And Residents <i>Kayo Arai Tokyo Metropolitan Government</i>
505	3901549	JP	Safety Measures Led By Tokyo Waterworks Action Plan To Prevent Waterworks Construction Accidents <i>Tadaharu Mizuguchi Tokyo Metropolitan Government</i>
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512	3903055	SG	Assessment Of Methyl-triclosan's Influence On Biological Pathway In Zebrafish Embryos Using MS-Based Metabolomics <i>Ryan De Sotto National University of Singapore</i>
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522	3903170	CN	Study On Critical Coagulation Concentration Evolution And Removal Of Co-contaminants Of Metal Oxide Nanoparticles <i>Chunpeng Zhang Jilin University</i>

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538	3901636	JP	Improvement Methods Of The Environment For Various Organisms To Restore Capacity To Purify Water In Urban Coastal Waters <i>Tatsuya Ichikawa City of Yokohama</i>
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542	3878700	JP	Establishment Of Website Enabling Pay-as-you-go Credit Card System To Be Used For Water Charge Payments <i>Masami Niwasaki Public Utility Services Center Co., Ltd.</i>
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547	3900768	JP	Renewable Energy Control Model For Water Distribution Main Telemeters <i>Nobuhiko Atsumi Tokyo Metropolitan Government</i>
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549	3903332	FR	Monitoring And Sampling Methodology Of Source Control Systems For Environmental Assessment In Lyon, Nantes And Paris <i>Robin Garnier Laboratory DEEP, INSA LYON</i>
550	3900583	JP	Evaluation Of Durability Of Water Distribution Reservoir With The Reinforced Concrete Structure Utilized For 90 Years <i>Ichiro Okado Tokyo Metropolitan Government</i>
551	3904156	IR	The Current Situation And Future Challenges Of Mashhad As A Water-Wise City In Iran <i>Mojtaba Shafiei East Water and Environmental Research Institute (EWERI)</i>
552	3919814	JP	Strategy To Ensure Financial Sustainability Of Tokyo's Wastewater Service <i>Kiyotoshi Koga Tokyo Metropolitan Government</i>
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554	3903358	PT	Modelling Construction Costs Of Water And Wastewater Treatment Works <i>Nuno Broco Águas de Portugal Serviços Ambientais</i>



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KANSEI Company is proud to announce that it will be present for the first time at the IWA Water and Development Congress & Exhibition held in Japan this year in September at Tokyo Big Site.

KANSEI Company continue to challenge the maintenance and management of the sewer system that is indispensable for anyone for over half a century. We will be presenting our latest technologies in term of sewer pipes inspection robots. Thanks to those machines, pipe surveys and cleaning can be conduct safely without endangering workers lives.

We will be happily waiting for everyone in the Sponsor Zone near the Japanese Pavilion.  
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556	3901120	JP	Examination Of Water Supply Distribution Network With Regard To Waterworks Facilities Reconstruction In Saitama City <i>Yuji Yoshino Saitama City</i>
557	3899003	JP	Future Direction Of Meter Reading Inferred From Renewal Of Automated Meter Reading System <i>Megumi Endo Nagoya City Waterworks and Sewerage Bureau</i>
558	3904105	UK	The Future Of Highways Runoff: UK Scenario Planning <i>Sophie Thompson Arup</i>
559	3880679	JP	A New Way Of HRD That Contributes To The Construction Of Sustainable Water Supply Facilities In Low-income Countries <i>Naoki Ueno Tokyo Metropolitan Government</i>
560	3898216	JP	World's First Spiraling Double Shield 90° To Lay Trunk Sewer Under Narrow River <i>Tsukasa Yoshiike Tokyo Metropolitan Government</i>
561	3901066	SE	Full Scale Resource Recovery From Domestic Wastewater In Europe <i>Marinette Hagman NSVA</i>
562	3901579	JP	Technical Cooperation In Yangon City In Myanmar <i>Keizo Watanabe Fukuoka City Waterworks Bureau</i>
563	3901614	JP	Development Of Sulfuric Acid-Resistant Concrete With Added Sewage Sludge Incineration Ash <i>Tomofumi Uchida Tokyo Metropolitan Sewerage Service Corporation</i>
564	3901724	JP	Rehabilitation Of Aged Sewerage Pipelines In Central Tokyo Case Of Ginza Area <i>Koki Saito Tokyo Metropolitan Government</i>
565	3902100	DK	The Climate City - Urban Development By Climate Adaptation <i>Pernille Svane Middelfart Municipality</i>
566	3902984	IE	Towards Sustainable Water-wise Cities: Reusing Waterworks Residues For Wastewater Treatment Plant Odour Control <i>Baiming Ren University College Dublin</i>
567	3903733	JP	Promotion Of Tama Waterworks Operation Plan 2017 Towards Resilient And Reliable Wide-Area Waterworks <i>Makoto Kakinuma Tokyo Metropolitan Government</i>
568	3905628	JP	Factor Analysis Of Water Rate Revisions (External Factors And Internal Factors) <i>Yoichi Ichimura Tokyo Metropolitan Government</i>
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570	3899210	JP	Pipeline Construction With Consideration For Environment Preservation <i>Madoka Fukui TSS Tokyo Water Co., Ltd</i>
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573	3890625	JP	Our Efforts For Technical Transfer For Sewerage Development Project In Malaysia <i>Seiko Hayashida Tokyo Metropolitan Sewerage Service Corporation</i>
574	3898188	JP	Study On Reliable Control And Management System For Sewage Flow Rate <i>Shinji Arao Matsue Kohgyo Technical College</i>
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576	3900972	JP	Safety Measures Against Levitation Or Blow-off Of Manhole Covers <i>Naoki Aota Tokyo Metropolitan Sewerage Service Corporation</i>
577	3901117	DE	State Of The German Sewer System - Results Of The 2013 DWA Survey <i>Jan Ruppelt RWTH Aachen University</i>
578	3901524	JP	Enhancing The Reliability Of Stormwater Pumps By Improving The Recovery And Supply Capacity Of Pump Cooling Water <i>Wataru Kato Tokyo Metropolitan Government</i>
579	3901649	JP	Sewage Works Reconstruction Data Book <i>Akira Kuronishi Tokyo Metropolitan Sewerage Service Corporation</i>
580	3901750	JP	Yokohama Station Area Public-Private Partnership Flood Control <i>Hideaki Murakami City of Yokohama</i>
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585	3903142	CN	Transmission Process of Hydrogen Sulfide and Methane Gas in Sewers: Field Trials in China <i>Zhiqiang Zuo Tsinghua University</i>
586	3916900	JP	Problems Of Prefectural Sewage Works Associations Concerning Workshops On House Sewers, Etc. And Support Operations <i>Masaru Moriyama Tokyo Metropolitan Sewerage Service Corporation</i>
587	3872085	DK	New Holistic Stormwater Approach - Planning And Implementing As A Trans-disciplinary Team, With High Citizen Inclusion <i>Martin W. Soerensen VCS-Denmark</i>
588	3901980	HK	A Prototype Trial In Hong Kong For Increasing Ecological Sustainability In Urban Drainage System <i>Edwin Lau The Government of HKSAR</i>

589	3902067	JP	Improvement Of Water Quality Of Rivers Flowing Through The Center Of Tokyo Improvement Case Of Combined Sewer System <i>Mariko Kuno Tokyo Metropolitan Government</i>
590	3915892	MX	Monitoring Of Rainwater Catchment Systems For Domestic Consumption: The Case Of Metropolitan Zone Of Guadalajara <i>Jose Gleason University of Guadalajara</i>
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593	3901113	JP	Prediction Accuracy And Effectiveness Of ICT Operation Support System For Urban Flood Control Facilities <i>Yusuke Sakae NJS CO., LTD.</i>
594	3901603	HK	Silent Shields - A Saga Of Three Drainage Tunnels In Hong Kong <i>Yiu Man Fung Yiu-Man Drainage Services Department</i>
595	3903430	CN	How Effective Are Optimization Tools Applied To Urban Drainage Adaptation: Comparison Of Methods And Parameter Settings <i>Qi Wang Guangdong University of Technology</i>
596	3905716	JP	Research On Utilization Of Case-based Modeling Survey <i>Jun Shinozaki Japan Institute of Wastewater Engineering and Technology</i>
597	3906041	BR	Evaluation Of The Operation Of Detention Reservoirs In The Federal District, Brazil <i>Clarice Silva University of Brasília</i>
598	3882550	JP	Investigational Research Into Pipeline Facility Inspections / Survey Plan Preparation And Risk Assessment Studies <i>Kohji Shimada Japan Institute of Wastewater Engineering and Technology</i>
599	3900846	JP	Relocation Of Existing Water Purification Plant: For Sustainable Supply Of Drinking Water <i>Takahiro Kawauchi Chiba Prefectural Waterworks Bureau</i>
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601	3901646	JP	The New Earthquake Resistant Reinforcement Method For Concrete Structures <i>Tetsuya Kunioka Tokyo Metropolitan Government</i>
602	3901720	JP	Proposal For Reconstructing A Distribution System By Closing A Distribution Reservoir Based On Decreasing Demand <i>Atsushi Kiyama Niigata City Waterworks Bureau</i>
603	3901822	JP	Review Of Asset Evaluation Unit Of Sewer System <i>Ryo Toshima PASCO Corporation</i>
604	3902159	JP	Performance Of Concrete Corrosion Protection Coating Using Photo-curing Resin For Wastewater Treatment Facilities <i>Jun Iwasaki Japan Sewage Works Agency</i>
605	3905618	JP	Examination Of Effective Sewage Pipeline Inspection <i>Motoki Sasaki Japan Institute of Wastewater Engineering Technology</i>
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618	3900701	JP	Monitoring Of Water Quality Of Wastewater Using An Automatic Sampling System For The Preventive Maintenance <i>Yoshinori Yamato City of Yokohama</i>
619	3901561	JP	Identification Of The Business Facilities Which Discharge 1,4-dioxane And Instructions On How To Manage This Problem <i>Atsuko Kudoh City of Yokohama</i>
620	3901645	JP	Effective Monitoring Methods Of Industrial Discharge To Public Sewer In Tokyo <i>Masafumi Rokugawa Tokyo Metropolitan Government</i>
621	3900440	CH	Groundwater Quality Assessment And Prediction With The Groundwater Assessment Platform (GAP) <i>Joel Podgorski EAWAG Swiss Federal Institute of Aquatic Science and Technology</i>
622	3903123	FR	Transition From Intermittent To Continuous Water Supply <i>David Duccini Suez</i>

623	3903164	FR	Pressure Analytics In Asset Management Applications <a href="#">Didier Sinapah Suez</a>
624	3903727	SE	Economic Valuation Of Health Benefits For Cost-benefit Analysis In Drinking Water Systems <a href="#">Viktor Bergion Chalmers University of Technology</a>
625	3926070	JP	Japan's Contribution To ISO/TC 224/WG 9 Decision Support System International Standardization Activities <a href="#">Takahiro Tachi Hitachi, Ltd.</a>
626	3903206	DK	How Geophysics Enrich Managed Aquifer Recharge Solutions <a href="#">Søren Hvilshøj Ramboll Water</a>
627	3899078	JP	A Study On The Water Rate System For The Stable Management Of Water Supply Utilities <a href="#">Akemi Shigetomi Nagoya City Waterworks and Sewerage Bureau</a>
628	3901500	JP	Operational Improvement Initiatives For Sustainable Business Operations Of Yokohama's Sewerage Works <a href="#">Eijiro Suzuki City of Yokohama</a>
629	3899042	JP	Asset Management Tool For Suita Waterworks Bureau: Improvement Of Tools Published By The MHLW In Japan <a href="#">Akitomo Murakami Suita Waterworks Bureau</a>
630	3915310	FR	"The Water And Sanitation House": A Space For Sharing And Learning On Water And Sanitation Management <a href="#">Jean-Pierre Tabuchi SIAAP</a>
631	3873985	JP	Improvement In OJT For New Employees Through Visualization <a href="#">Tsuyoshi Obana Public Utility Services Center Co.,Ltd</a>
632	3890568	JP	Development Of Electric Circuit Practical Training Equipment that Enables Innovative Human Resource Development <a href="#">Naoki Ueno Bureau of Waterworks, Tokyo Metropolitan Government</a>
633	3898288	JP	Human Resources Development Policy <a href="#">Anna Odake Tokyo Metropolitan Government</a>
634	3900695	JP	Initiatives To Enhance Human Resources At Tokyo Waterworks <a href="#">Akiyama Junko Tokyo Metropolitan Government</a>
635	3901477	JP	Human Resource Development To Ensure Safe And Secure Water Supplies -For Sustainable Water Supply Services <a href="#">Noriyuki Takano Japan Water Works Association</a>
636	3901683	JP	Regional Collaboration Between A Water Wholesaler, The Saitama Prefecture And A Water Supplier, The Tokigawa Town <a href="#">Yoshiharu Nashiki Saitama Prefectural Public Enterprise Bureau</a>
637	3903687	JP	The Roll Of Water Activities In The Small Smart City In Japan <a href="#">Kunihisa Kakumoto Architecture and Urban Laboratory K2</a>
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