

PROGRAM BOOK

SETAC ASIA-PACIFIC 15TH BIENNIAL MEETING
20-23 SEPTEMBER 2026 | TSUKUBA, JAPAN

Rethinking Environmental Balance for the Future



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WELCOME

As President of SETAC Asia-Pacific, it is my great pleasure to welcome you to Tsukuba, Japan, for the SETAC Asia-Pacific 15th Biennial Meeting. We are delighted to bring this meeting back to Japan for the first time in 14 years and to host it in Tsukuba, a science city blessed with rich natural surroundings and renowned for its research and innovation.

The Asia-Pacific region is still a growing Geographical Unit within SETAC. At the same time, it is a region characterized by remarkable economic and cultural diversity and by extensive production, use and disposal of chemicals. As a result, the region faces a wide range of environmental challenges as well as unique opportunities for scientific collaboration and innovation.

We are pleased to welcome more than 500 participants from over 40 countries and regions. Under the theme, "Rethinking Environmental Balance for the Future," this meeting provides an important opportunity to exchange knowledge and explore innovative approaches to addressing emerging environmental issues. I look forward to lively and fruitful discussions based on sound science, fostering the exchange of ideas and advancing environmental toxicology and chemistry throughout our region and beyond. I also hope that this meeting will strengthen international networks and inspire new collaborations that contribute to a more sustainable future.

Sincerely,

Hiroshi Yamamoto
President, SETAC Asia-Pacific

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ONLINE PLATFORM

For the most up-to-date program information, scan the QR code to visit the online meeting platform.

PROGRAM COMMITTEE

MEETING CHAIRS

Norihisa Tatarazako

Ehime University, Japan

Hiroshi Yamamoto

National Institute for Environmental Studies (NIES), Japan

COMMITTEE MEMBERS (A-Z)

Carlos Arias-Barreiro

Australian Pesticides and Veterinary Medicines Authority, Australia

Satoshi Endo

National Institute for Environmental Studies (NIES), Japan

Rebecca Fisher

Australian Institute of Marine Science (AIMS), Australia

Andrew Harford

Department of Climate Change, Energy, the Environment and Water, Australia

Kathryn Hassell

RMIT University, Australia

Kyoshiro Hiki

The University of Tokyo, Japan

Yuichi Iwasaki

AIST – National Institute of Advanced Industrial Science and Technology, Japan

Hisato Iwata

Ehime University, Japan

Guibin Jiang

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

Yutaka Kameda

Chiba Institute of Technology, Japan

Hajime Kojima

Sanyo-Onoda City University, Japan

Darren Koppel

Australian Institute of Marine Science (AIMS), Australia

Jung-Hwan Kwon

Korea University, South Korea

Charles Lee

Newcastle Australia Institute of Higher Education Pte Ltd, Singapore

Kuan-Chun Lee

Procter & Gamble, Singapore

Wataru Naito

AIST – National Institute of Advanced Industrial Science and Technology, Japan

Tatsuhiko Niino

Mitsubishi Chemical Group Corporation and Ehime University, Japan

Tomonobu Noguchi

Silicone Industry Association of Japan (SIAJ), Japan

Mohammad Shoeb

University of Dhaka, Bangladesh

Reshma Sinha

Central University of Himachal Pradesh, India

Hongwen Sun

Nankai University, China

Shu Tao

Peking University

Seiichi Uno

Kagoshima University, Japan

Fengchang Wu

Chinese Research Academy of Environmental Sciences

Jing You

Jinan University, Guangzhou, China

Tae-Young Jeong

Hankuk University of Foreign Studies, Yongin, South Korea

More than 2,500 years ago, Confucius wrote in the Analects:

“IS IT NOT A PLEASURE TO HAVE FRIENDS COME FROM AFAR?”

These ancient words seem especially fitting for an international scientific meeting. One of the things I enjoy most about SETAC meetings is that people of different ages, nationalities, cultures and backgrounds can come together and discuss science on equal ground. Science does not care very much about our titles, ages or nationalities. A good question is a good question, whoever asks it, and a good idea can come from anyone. We may not always agree—and perhaps a scientific meeting would be rather boring if we did—but through discussion, disagreement and shared curiosity, we learn from one another. To me, this is one of the greatest pleasures of an international scientific community.

It has been 14 years since a SETAC Asia-Pacific meeting was last held in Japan, when the meeting took place in Kumamoto. At that meeting, I was simply one of the participants, enjoying the science and meeting colleagues from around the world. Fourteen years later, I now find myself on the other side, welcoming all of you to Japan. I am not sure whether this means that SETAC has changed or simply that I have grown older—but either way, it is a great pleasure and a privilege to welcome you here.

Of course, an international meeting is about more than presentations and scientific sessions. Some of the best ideas—and some of the longest friendships—begin over coffee, dinner or an unexpected conversation in the hallway. I hope you will take full advantage of these opportunities to meet new people, exchange ideas freely, renew old friendships and start new collaborations.

Please enjoy the science, enjoy the people, and enjoy Japan.

Welcome to Tsukuba and to SETAC Asia-Pacific. I sincerely hope that when you return home, you will take with you not only new scientific ideas but also new friends and good memories of your time in Japan.

Sincerely,

Norihisa Tatarazako
President, SETAC Japan



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PRACTICAL INFORMATION

BADGES

Badges must be worn at all times to gain access to the meeting.

CERTIFICATES OF ATTENDANCE

Participants and presenters will receive an email after the meeting with information on how to download their certificates.

EMERGENCIES AND FIRST AID

For emergencies in Japan, call 110 for police or 119 for fire or ambulance services. International visitors can also contact the Japan Visitor Hotline at 050-3816-2787, available 24 hours a day for emergency assistance and support in English, Chinese and Korean.

SETAC POLICIES

SETAC provides open, safe forums for the purpose of exchanging ideas and information on the study, analysis and solution of environmental problems, the management and regulation of natural resources, promotion of scientific research and the development of strong environmental education.



Attendees of SETAC meetings are expected to adhere to all SETAC policies, including SETAC Participant Policies.

Learn more at www.setac.org/learn-about-setac/policies.html or scan the QR code.

CONDUCT

Participants in SETAC activities are expected to adhere to the highest standards of integrity and professionalism and comply with the SETAC Code of Conduct. Attendees are reminded to observe SETAC's principles and values and to maintain an atmosphere of civil and constructive scientific exchange.

If you experience or witness harassment or inappropriate behavior at the meeting, please report any incidents to any SETAC staff member or contact one of the SETAC compliance officers at concerns@setac.org. For more information, visit the SETAC policies page.

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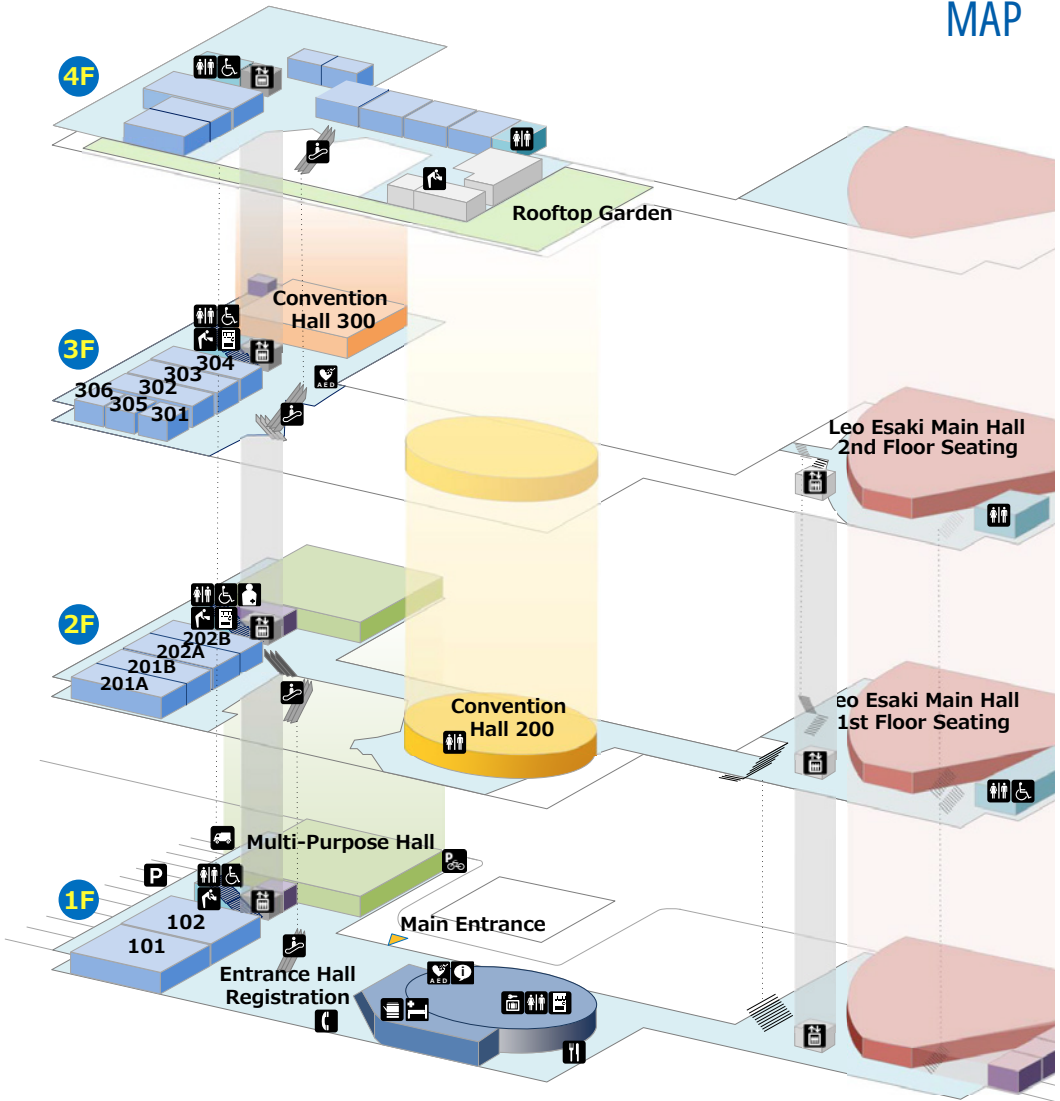
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Supporting Sponsors



TSUKUBA CONVENTION CENTER

MAP



Water service

Toilet

Multi-purpose toilet

Ostomate toilet

Restaurant

Parking area

Bicycle parking

Elevator

Escalator

Coin locker

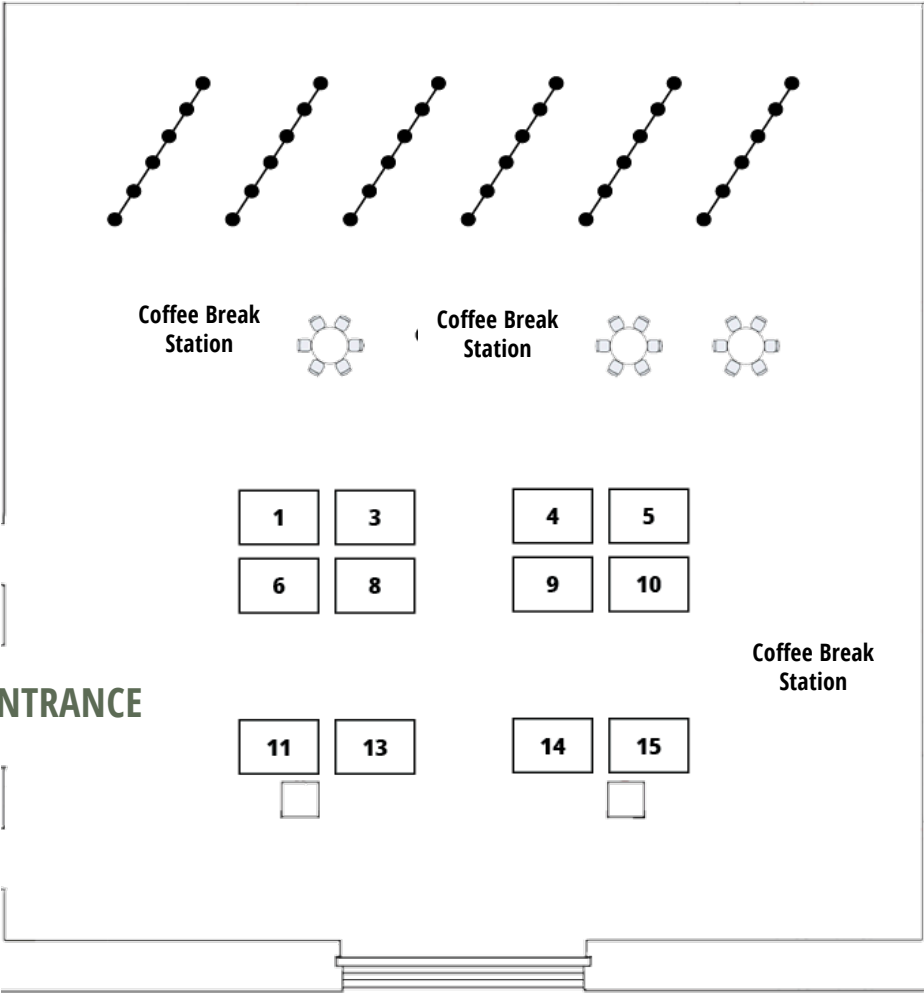
Vending machine

Defibrillator

First-aid room

MULTI-PURPOSE HALL

MAP



BOOTH EXHIBITORS (A-Z)

6	Agilent
9	JRF Global
8	KREATiS Japan Co., Ltd.
13	MERA
14	Mizuki Kagaku Seibutsu Co., Ltd.
15	National Institute of Advanced Industrial Science and Technology (AIST)
10	National Institute for Environmental Studies (NIES)
5	National Institute for Environmental Studies (NIES) – Japan Environment and Children's Study
1	SETAC Journals
3	Shimadzu Corporation
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PROGRAM ORGANIZATION

The scientific program is organized into tracks and sessions. Within each session, presentations are grouped as platform talks (T) or posters (P).

Presentation codes identify the track, session, presentation type and presentation number. For example:

Track: 1 Session: 6 P for Poster Display day: Mo for Monday
Poster board number: 001

1.06.P-Mo001 – Example Poster Presentation Title

3.03.T05 – Example Platform Presentation Title

Track: 3 Session: 03 T for Talk Talk order within the session: 05

TRACKS

Track 1: Environmental and Human Toxicology, and Ecology

Track 2: Environmental Chemistry and Exposure Assessment

Track 3: Ecological and Human Health Risk Assessment

Track 4: Life Cycle Assessment and Sustainability Assessment

Track 5: Environmental Policy, Regulation, Risk Management, and Science Communication

Track 6: Transdisciplinary, Emerging Topics, and Digital Innovation



SCIENTIFIC PROGRAM UPDATES

The printed program book reflects the status of the program as it was on 7 September, which was the print deadline. For the most up-to-date information, scan the QR code or visit the meeting platform at www.setac.org/tsukuba.



ABSTRACT BOOK

Download your copy at setac.org/tsukuba.

TIME	DAILY SCHEDULE	LOCATION
09:30–20:00	Badge Pickup and Registration	Entrance Hall
10:00–12:30	Morning Workshops	See Below
12:00–13:30	Lunch Break	
13:30–16:00	Afternoon Workshops	See Below
16:30–18:00	Opening Ceremony Featuring Taisen Iguchi	Leo Esaki Main Hall
18:00–20:00	Welcome Reception	Multi-Purpose Hall

WORKSHOPS

10:00 15:30	Incorporating Metal Bioavailability Into Water Quality Criteria in the Asia-Pacific Region	Room 304
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Course Instructors: Jenny Stauber and Ross Smith, Hydrobiology Pty. Ltd, and Wataru Naito, National Institute of Advanced Industrial Science and Technology

This workshop is sponsored by MERA



10:00 15:30	Hands-on Concentration-Response Modeling Using the Bayesian R Package	Room 303
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Course Instructor: Rebecca Fisher, Australian Institute of Marine Science

13:30 16:00	Legacy Mercury in a Changing Climate: From Isotopic Evidence to Action Under the Minamata Convention	Room 201A
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Course Instructors: Larissa Schneider, Australian National University, and Ruoyu Sun, Tianjin University

16:30
18:00

Taisen Iguchi

Leo Esaki
Main Hall

Specialty Appointed Professor of the Graduate School of Nanobioscience, Yokohama City University

Taisen Iguchi is a globally recognized pioneer in endocrine disruption science. His research has advanced understanding of how endocrine-disrupting chemicals affect developmental processes in wildlife and humans. Using *in vivo*, *in vitro* and genomics-based approaches, he has investigated the molecular and physiological mechanisms underlying hormonal disruption and contributed to the scientific foundation of modern environmental toxicology.



Iguchi has also played a prominent role in translating mechanistic toxicology into international regulatory frameworks. He is a former president of the Japan Society for Endocrine-Disrupting Chemicals and has chaired committees for Japan's Ministry of the Environment and OECD working groups responsible for developing test guidelines. His work has helped strengthen chemical risk assessment systems worldwide and advance science-informed decision-making across toxicology, risk assessment and policy.

In his talk, Iguchi will examine the history of endocrine-disrupting chemical research, the development of international testing methods and Japan's approach to identifying and evaluating potential endocrine disruptors.

TIME	DAILY SCHEDULE	LOCATION
08:15–17:15	Registration and Badge Pickup	Entrance Hall
08:15–09:00	Poster Set-Up	Multi-Purpose Hall, 102
09:00–09:45	Monday Plenary: Carolyn Brumley	Leo Esaki Main Hall
09:45–10:30	Posters, Exhibits and Coffee Break	Multi-Purpose Hall, 102
10:00–12:00	Joint Meeting of the SETAC OMICS IG and EcoMet Taskforce	Room 301
10:30–11:50	Morning Platform Sessions	See Listing
11:50–13:20	Posters and Exhibits	Multi-Purpose Hall, 102
11:50–13:20	IBERA Lunch Session	Room 303
11:50–13:20	Lunch Break (On Your Own)	
13:20–14:40	Early Afternoon Platform Sessions	See Listing
14:40–15:25	Posters, Exhibits and Coffee Break	Multi-Purpose Hall, 102
15:25–16:45	Late Afternoon Platform Sessions	See Listing
16:45–17:00	Poster Removal for Poster Presenters	Multi-Purpose Hall, 102
18:00–21:00	Gala Dinner	Hotel Nikko Tsukuba

09:00
09:45

Carolyn Brumley

Ecological Risk Assessment of PFAS: Lessons from Australia

Leo Esaki
Main Hall



Senior Principal Risk Assessor, Senversa

Carolyn Brumley specializes in ecological and human health risk assessment and the management of contaminated land and groundwater systems. She has contributed to the development and application of environmental risk assessment approaches across Australia, including work on emerging contaminants such as PFAS and national site contamination frameworks.

Brumley is also an active member of the Australasian Land & Groundwater Association, where she has chaired the Risk Assessment Specialist Interest Group, and serves on environmental auditor and contaminated land advisory panels in Australia.

In her talk, Brumley will explore how Australia has refined its ecologically based guideline values for PFAS using evolving scientific research and data gathered from defense, airport and industrial sites, ambient waters and groundwater. She will discuss how these values account for potential effects on aquatic organisms, higher-order organisms such as birds and mammals and unique subterranean fauna. Drawing on Australia's experience, Brumley will share lessons learned from developing and applying PFAS guideline values to support environmental risk assessment, regulatory decision-making and contaminated-site management.

09:45 **Poster Sessions**

16:45 Presenters at Posters: 09:45–10:30 and 14:40–15:25

1.01.P - Advances and Regulatory Applications of New Approach Methodologies (NAMs) in the Environmental Risk Assessment of Chemicals Shojiro Yamada, Takahiro Suzuki, Norihisa Tatarazako	Multi-Purpose Hall
1.07.P - Impact of Microplastics on Aquatic Organisms Tae-yong Jeong, Jee Hyun Jung, Young-Mi Lee	Multi-Purpose Hall
1.10.P - Environmental and Human Toxicology and Ecology: Linking Contaminants, Wildlife Sentinels, and Ecological Risk Assessment Hiroshi Yamamoto, Vidya Padmakumar, Murugan Shanthakumar, Hisato Iwata	Multi-Purpose Hall
2.01.P - Advances in Bioaccumulation Assessment: From Models to Field Data Jon Arnot, Wataru Naito	Room 102
2.03.P - Advances in Exposure Modelling: Towards a Safe and Sustainable Tomorrow for Both Humans and the Environment Todd Gouin, Yoshitaka Imaizumi, Wataru Naito, Jon Arnot	Room 102
2.04.P - Contaminants of the Offshore Energy Sector: Exposure, Effects and Risk Frameworks Darren Koppel, Rebecca Fisher	Room 102
2.08.P - Innovations in Understanding the Chemical Fate and Exposure of Plastics in the Environment Tanveer M Adyel, Jung-Hwan Kwon, Huong Mai	Room 102
3.03.P - Genomic Instability And Biomarkers of Environmental Stressors with Implications for Long-Term Ecological and Human Health Manoor Prakash Hande, Masataka Tsuda, Ryosuke Morozumi	Room 102

09:45

Poster Sessions

16:45

Presenters at Posters: 09:45–10:30 and 14:40–15:25

3.05.P - One Health Perspective on NAMs: Bridging the Gap Between Human Toxicology and Ecotoxicology

Pu Xia, You Song, Zhiling Guo, Jinhee Choi

Room 102

3.06.P - PFAS Treatment and Remediation: Linking Environmental Behavior to Sustainable Solutions

Lutz Ahrens, Yuefei Ruan

Room 102

6.01.P - Trajectories in Environmental Science & Technology: From Biodiversity and Public Health to Sustainable Solutions

Bryan Brooks, Atsuko Ikeda, Shelley Templeman, Sarah McDonald

Room 102



IBERA

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MONDAY | 11:50–13:20 | ROOM 303

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10:30 11:50	Platform Sessions Morning	
	1.10.A.T - Environmental and Human Toxicology and Ecology: Linking Contaminants, Wildlife Sentinels, and Ecological Risk Assessment ♦ Hiroshi Yamamoto, Vidya Padmakumar, Murugan Shanthakumar, Hisato Iwata	Room 202A
	2.01.A.T - Advances in Bioaccumulation Assessment: From Models to Field Data Jon Arnot, Wataru Naito	Room 201A
	2.08.A.T - Innovations in Understanding the Chemical Fate and Exposure of Plastics in the Environment ♦ Tanveer M Adyel, Jung-Hwan Kwon, Huong Mai	Room 101
	3.03.T - Genomic Instability And Biomarkers of Environmental Stressors with Implications for Long-Term Ecological and Human Health ♦ Manoor Prakash Hande, Masataka Tsuda, Ryosuke Morozumi	Room 201B
	3.06.A.T - PFAS Treatment and Remediation: Linking Environmental Behavior to Sustainable Solutions Lutz Ahrens, Yuefei Ruan	Hall 200
	6.01.A.T - Trajectories in Environmental Science & Technology: From Biodiversity and Public Health to Sustainable Solutions Bryan Brooks, Atsuko Ikeda, Shelley Templeman, Sarah McDonald	Room 202B

followed by

11:50–13:20	IBERA Lunch Session	Room 303
11:50–13:20	Posters and Exhibits	Multi-Purpose Hall and Room 102

♦ Includes Poster Spotlights

13:20 14:40	Platform Sessions Early Afternoon	
	1.10.B.T - Environmental and Human Toxicology and Ecology: Linking Contaminants, Wildlife Sentinels, and Ecological Risk Assessment Hiroshi Yamamoto, Vidya Padmakumar, Murugan Shanthakumar, Hisato Iwata	Room 202A
	2.01.B.T - Advances in Bioaccumulation Assessment: From Models to Field Data Jon Arnot, Wataru Naito	Room 201A
	2.08.B.T - Innovations in Understanding the Chemical Fate and Exposure of Plastics in the Environment ♦ Tanveer M Adyel, Jung-Hwan Kwon, Huong Mai	Room 101
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followed by

14:40–15:25	Posters, Exhibits and Coffee Break	Multi-Purpose Hall and Room 102
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♦ Includes Poster Spotlights

15:25 **Platform Sessions**
16:45 Late Afternoon

1.01.T - Advances and Regulatory Applications of New Approach Methodologies (NAMs) in the Environmental Risk Assessment of Chemicals Shojiro Yamada, Takahiro Suzuki, Norihisa Tatarazako	Room 201B
1.07.T - Impact of Microplastics on Aquatic Organisms Tae-yong Jeong, Jee Hyun Jung, Young-Mi Lee	Room 101
1.10.C.T - Environmental and Human Toxicology and Ecology: Linking Contaminants, Wildlife Sentinels, and Ecological Risk Assessment Hiroshi Yamamoto, Vidya Padmakumar, Murugan Shanthakumar, Hisato Iwata	Room 202A
2.03.T - Advances in Exposure Modelling: Towards a Safe and Sustainable Tomorrow for Both Humans and the Environment Todd Gouin, Yoshitaka Imaizumi, Wataru Naito, Jon Arnot	Room 201A
2.04.T - Contaminants of the Offshore Energy Sector: Exposure, Effects and Risk Frameworks Darren Koppel, Rebecca Fisher	Room 202B
3.06.C.T - PFAS Treatment and Remediation: Linking Environmental Behavior to Sustainable Solutions ♦ Lutz Ahrens, Yuefei Ruan	Hall 200

followed by

16:45–17:00	Poster Removal for Poster Presenters	Multi-Purpose Hall and Room 102
18:00–21:00	Gala Dinner	Hotel Nikko Tsukuba

♦ Includes Poster Spotlights

TIME	DAILY SCHEDULE	LOCATION
08:15–17:15	Registration and Badge Pickup	Entrance Hall
08:15–09:00	Poster Set-Up	Multi-Purpose Hall, 102
09:00–09:45	Tuesday Plenary: Karina Gin Yew-Hoong	Leo Esaki Main Hall
09:45–10:30	Posters, Exhibits and Coffee Break	Multi-Purpose Hall, 102
10:30–11:50	Morning Platform Sessions	See Listing
11:50–13:20	Lunch Seminar: Publishing and Reviewing with SETAC Journals	Room 304
11:50–13:20	Agilent Lunch Seminar: PFAS in the Australian Environment: Measurement, Exposure and Future Challenges	Room 303
11:50–13:20	Posters, Exhibits and Lunch Break	Multi-Purpose Hall, 102
11:50–13:20	Lunch Break (On Your Own)	
13:20–14:40	Early Afternoon Platform Sessions	See Listing
14:40–15:25	Posters, Exhibits and Coffee Break	Multi-Purpose Hall, 102
15:25–16:45	Late Afternoon Platform Sessions	See Listing
16:45–17:00	Poster Removal for Poster Presenters	Multi-Purpose Hall, 102

09:00
09:45

Karina Gin Yew-Hoong

The Silent Pandemic—Deciphering the Environmental Blueprint of Antimicrobial Resistance

Leo Esaki
Main Hall



Provost's Chair Professor and Acting Head, Department of Civil and Environmental Engineering, National University of Singapore

Karina Gin Yew-Hoong specializes in water quality and ecosystem processes, with a focus on the fate, transport and effects of emerging microbial and chemical contaminants in urban and tropical aquatic systems. Her work combines field observations, laboratory experiments and predictive modeling to address microbial pollutants, ecosystem resilience and environmental health in rapidly urbanizing environments. Gin has served on several World Health Organization expert panels addressing antimicrobial resistance, pathogens and the microbial safety of food, drinking water and water reuse.

In her talk, Gin will examine antimicrobial resistance as an environmental crisis as well as a clinical concern. She will explore how urban catchments, water and wastewater treatment plants and aquaculture systems can create selective pressures that accelerate the development and spread of antimicrobial resistance. Drawing on environmental monitoring, microbiological and chemical data, quantitative microbial risk assessment and machine learning, she will demonstrate how integrated approaches can identify high-risk environmental hot spots and better characterize risks to ecosystems and public health. Gin will also discuss the need to standardize environmental surveillance and incorporate its findings into a proactive, evidence-based One Health strategy.

09:45 **Poster Sessions**

16:45 Presenters at Posters: 09:45–10:30 and 14:40–15:25

1.02.P - Advances in Ecological Risk Assessment Using Population- and Ecosystem-Level Modeling, Experimentation and Monitoring Approaches Paul van den Brink, Yoshinari Tanaka, Hiroyuki Yokomizo	Multi-Purpose Hall
1.05.P - Environmental Omics in Ecotoxicology and Eco-Surveillance Steven Melvin, David Beale	Multi-Purpose Hall
1.06.P - Exposure and Effects of Micro- and Nanoplastics in the Environment and Implications for Ecological Risk Assessment Tham Hoang, Jin Su Kim	Multi-Purpose Hall
1.09.P - In Vitro, In Silico and Mechanistic Physiology for Understanding and Predicting In Vivo Toxicity and Endocrine Disruption Luise Henneberger, Satoshi Endo, Fabian C. Fischer, Hiroshi Yamamoto, Gregory Lemkine, Taisen Iguchi	Multi-Purpose Hall
2.02.P - Advances in Environmental Chemistry for Quantitative Exposure Assessment and Risk-Informed Management of PFAS and Emerging Contaminants Leo Yeung, Felicia Fredriksson, Rudolf Aro, Tarek Rashwan, Mike Chang	Room 102
2.05.P - Cross-System Mercury Cycling in Asia and the Pacific: Linking Atmosphere, Land, Oceans, and Biota Larissa Schneider, Darren Koppel, Noriyuki Suzuki	Room 102
2.07.P - Environmental Exposure, Effects, and Risks of Organophosphate Esters and Plasticizers David Volz, Eddy Zeng	Room 102
3.01.P - Advances in Effect-Directed Analysis for Chemical Mixture Risk Assessment Guibin Jiang, Daniel Schlenk, Ting Ruan	Room 102
3.07.P - Soil Contaminant Bioavailability and Remediation Farzana Kastury, Albert Juhasz	Room 102

09:45

Poster Sessions

16:45

Presenters at Posters: 09:45–10:30 and 14:40–15:25

4.01.P - Life Cycle Assessment and Sustainability Assessment

Wataru Naito, Yoonyoung Chun

Room 102

5.01.P - Application of Novel Approach Methodologies (NAMs) to Improve Risk Assessment and Management of Contaminants of Emerging Concern (CEC)

Frederic Leusch, Tomasz Puzyn, Beate Escher, Jongwoon Kim, Toshihiro Horiguchi, Hiroshi Yamamoto

Room 102

5.02.P - Environmental Risk Assessment of Metals in the Asia-Pacific Region

Jenny Stauber, Ross Smith, Elizabeth Middleton, Erin Smith

Room 102

6.02.P - Tire and Road Wear Particles (TRWP) and Tire-Related Chemicals: Fate, Effects, and Risk Assessment

Kyoshiro Hiki, Wataru Naito

Room 102



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10:30 **Platform Sessions**
11:50 Morning

1.02.T - Advances in Ecological Risk Assessment Using Population- and Ecosystem-Level Modeling, Experimentation and Monitoring Approaches Room 201A
Paul van den Brink, Yoshinari Tanaka, Hiroyuki Yokomizo

1.06.A.T - Exposure and Effects of Micro- and Nanoplastics in the Environment and Implications for Ecological Risk Assessment Room 101
Tham Hoang, Jin Su Kim

2.02.A.T - Advances in Environmental Chemistry for Quantitative Exposure Assessment and Risk-Informed Management of PFAS and Emerging Contaminants ♦ Hall 200
Leo Yeung, Felicia Fredriksson, Rudolf Aro, Tarek Rashwan, Mike Chang

2.10.A.T - Environmental Chemistry and Exposure Assessment: Generic Session Room 202A
Satoshi Endo, Jung-Hwan Kwon, Rumi Tanoue, Steven Droge

3.07.T - Soil Contaminant Bioavailability and Remediation Room 202B
Farzana Kastury, Albert Juhasz

5.01.A.T - Application of Novel Approach Methodologies (NAMs) to Improve Risk Assessment and Management of Contaminants of Emerging Concern (CEC) ♦ Room 201B
Frederic Leusch, Tomasz Puzyn, Beate Escher, Jongwoon Kim, Toshihiro Horiguchi, Hiroshi Yamamoto

followed by

11:50–13:20	Agilent Lunch Seminar: PFAS in the Australian Environment: Measurement, Exposure and Future Challenges	Room 303
11:50–13:20	Lunch Seminar: Publishing and Reviewing with SETAC Journals	Room 304
11:50–13:20	Posters and Exhibits	Multi-Purpose Hall and Room 102

♦ Includes Poster Spotlights

13:20 Platform Sessions

14:40 Early Afternoon

1.05.T - Environmental Omics in Ecotoxicology and Eco-Surveillance

Steven Melvin, David Beale

Room 201A

1.06.B.T - Exposure and Effects of Micro- and Nanoplastics in the Environment and Implications for Ecological Risk Assessment

Tham Hoang, Jin Su Kim

Room 101

2.02.B.T - Advances in Environmental Chemistry for Quantitative Exposure Assessment and Risk-Informed Management of PFAS and Emerging Contaminants ♦

Leo Yeung, Felicia Fredriksson, Rudolf Aro, Tarek Rashwan, Mike Chang

Hall 200

2.05.T - Cross-System Mercury Cycling in Asia and the Pacific: Linking Atmosphere, Land, Oceans, and Biota

Larissa Schneider, Darren Koppel, Noriyuki Suzuki

Room 202B

2.10.B.T - Environmental Chemistry and Exposure Assessment: Generic Session

Satoshi Endo, Jung-Hwan Kwon, Rumi Tanoue, Steven Droge

Room 202A

5.01.B.T - Application of Novel Approach Methodologies (NAMs) to Improve Risk Assessment and Management of Contaminants of Emerging Concern (CEC)

Frederic Leusch, Tomasz Puzyn, Beate Escher, Jongwoon Kim, Toshihiro Horiguchi, Hiroshi Yamamoto

Room 201B

followed by

14:40–15:25 Posters, Exhibits and Coffee Break

Multi-Purpose Hall
and Room 102

♦ Includes Poster Spotlights

15:25 **Platform Sessions**
16:45 Late Afternoon

1.09.T - In Vitro, In Silico and Mechanistic Physiology for Understanding and Predicting In Vivo Toxicity and Endocrine Disruption Room 201B
Luise Henneberger, Satoshi Endo, Fabian C. Fischer, Hiroshi Yamamoto, Gregory Lemkine, Taisen Iguchi

2.02.C.T - Advances in Environmental Chemistry for Quantitative Exposure Assessment and Risk-Informed Management of PFAS and Emerging Contaminants ♦ Hall 200
Leo Yeung, Felicia Fredriksson, Rudolf Aro, Tarek Rashwan, Mike Chang

2.07.T - Environmental Exposure, Effects, and Risks of Organophosphate Esters and Plasticizers Room 101
David Volz, Eddy Zeng

3.01.T - Advances in Effect-Directed Analysis for Chemical Mixture Risk Assessment Room 202A
Guibin Jiang, Daniel Schlenk, Ting Ruan

4.01.T - Life Cycle Assessment and Sustainability Assessment Room 201A
Wataru Naito, Yoonyoung Chun

5.02.T - Environmental Risk Assessment of Metals in the Asia-Pacific Region Room 202B
Jenny Stauber, Ross Smith, Elizabeth Middleton, Erin Smith

followed by

16:45–17:00 Poster Removal for Poster Presenters Multi-Purpose Hall and Room 102

♦ Includes Poster Spotlights

TIME	DAILY SCHEDULE	LOCATION
08:15–15:00	Registration and Badge Pickup	Entrance Hall
08:15–09:00	Poster Set-Up	Multi-Purpose Hall, 102
09:00–09:45	Wednesday Plenary: Guibin Jiang	Leo Esaki Main Hall
09:45–10:30	Posters, Exhibits and Coffee Break	Multi-Purpose Hall, 102
10:30–11:50	Morning Platform Sessions	See Listing
11:50–13:20	Posters, Exhibits and Lunch Break	Multi-Purpose Hall, 102
11:50–13:20	Lunch Break (On Your Own)	
13:20–14:40	Afternoon Platform Sessions	See Listing
14:40–14:50	Transition Time and Poster Removal for Poster Presenters	
14:50–15:30	Closing Remarks	Leo Esaki Main Hall

09:00
09:45

Guibin Jiang

Leo Esaki
Main Hall



Professor, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

Guibin Jiang specializes in environmental chemistry and ecotoxicology, with a focus on emerging contaminants and trace elements in the environment. His research examines the behavior, transformation and biological effects of pollutants, including persistent organic pollutants, heavy metals and novel contaminants. By integrating environmental chemistry, toxicology and risk assessment, Jiang’s work has advanced understanding of contaminant pathways, bioavailability and effects on ecosystems and human health. His research and international collaborations have also contributed to environmental monitoring and risk-based approaches to environmental management in the Asia-Pacific region and globally.

09:45
14:40

Poster Sessions

Presenters at Posters: 09:45–10:30 and 11:50–13:20

1.03.P - Adverse Outcome Pathways (AOPs): From Mechanistic Insight to Regulatory Impact You Song, Shihori Tanabe	Multi-Purpose Hall
1.04.P - Bridging Gaps in Microplastic Ecotoxicology: From Particle Characterization to Reliable Risk Assessment Yuji Oshima, Hiroshi Yamamoto	Multi-Purpose Hall
1.08.P - Integrating Experimental and Modeling Approaches To Unravel the Mechanisms of Multiple Stressor Effects on Aquatic Ecosystems Under Climate Change Markus Hermann, Constanza Vega Olivares	Multi-Purpose Hall
2.06.P - Emerging Contaminants in Agriculture and Food: Sources, Transport and Exposure Risks Charles Lee	Multi-Purpose Hall
2.09.P - Integrative Analytical and Toxicological Approaches to Understanding Plastics as Environmental Contaminants and Contaminant Vectors Ruth Marfil-Vega, Shoji Nakayama, Hue T. Nguyen	Room 102
2.10.P - Environmental Chemistry and Exposure Assessment: Generic Session Satoshi Endo, Jung-Hwan Kwon, Rumi Tanoue, Steven Droge	Room 102
3.08.P - Integrated Approaches in Ecological and Human Health Risk Assessment (APAC Focus) Wataru Naito, Jing Ma, Hajime Kojima, Atsuko Ikeda	Room 102
5.03.P - From Plastic Leakage and Emission Assessment to Treaty Implementation: Developing and Harmonizing Monitoring Approaches Go Suzuki, Cassandra Rauert, Marja Lamoree, Indradhi Ibrahim Faisal	Room 102
7.01.P - Late-Breaking Abstract Session	Room 102

Presenters are kindly requested to remove their posters no later than 14:40. Please note that the poster hall will not be accessible after the closing ceremony.

10:30 11:50	Platform Sessions Morning	
	1.03.T - Adverse Outcome Pathways (AOPs): From Mechanistic Insight to Regulatory Impact ♦ You Song, Shihori Tanabe	Room 201A
	2.06.A.T - Emerging Contaminants in Agriculture and Food: Sources, Transport and Exposure Risks Charles Lee	Hall 200
	2.09.T - Integrative Analytical and Toxicological Approaches to Understanding Plastics as Environmental Contaminants and Contaminant Vectors Ruth Marfil-Vega, Shoji Nakayama, Hue T. Nguyen	Room 101
	2.10.C.T - Environmental Chemistry and Exposure Assessment: Generic Session Satoshi Endo, Jung-Hwan Kwon, Rumi Tanoue, Steven Droge	Room 202A
	3.08.A.T - Integrated Approaches in Ecological and Human Health Risk Assessment (APAC Focus) Wataru Naito, Jing Ma, Hajime Kojima, Atsuko Ikeda	Room 201B
	5.03.T - From Plastic Leakage and Emission Assessment to Treaty Implementation: Developing and Harmonizing Monitoring Approaches ♦ Go Suzuki, Cassandra Rauert, Marja Lamoree, Indradhi Ibrahim Faisal	Room 202B

followed by

11:50–13:20	Posters and Exhibits	Multi-Purpose Hall and Room 102
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♦ Includes Poster Spotlights

13:20 **Platform Sessions**
14:40 Afternoon

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2.06.B.T - Emerging Contaminants in Agriculture and Food: Sources, Transport and Exposure Risks ♦ Charles Lee	Hall 200
2.10.D.T - Environmental Chemistry and Exposure Assessment: Generic Session Satoshi Endo, Jung-Hwan Kwon, Rumi Tanoue, Steven Droge	Room 202A
3.02.T - Evaluating Non-conventional Plant Protection Products (Biopesticides, Nanopesticides etc) Melanie Kah, Hiroshi Yamamoto	Room 202B
3.08.B.T - Integrated Approaches in Ecological and Human Health Risk Assessment (APAC Focus) Wataru Naito, Jing Ma, Hajime Kojima, Atsuko Ikeda	Room 201B

followed by

14:50–15:30	Closing Remarks	Leo Esaki Main Hall
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