



Fostering Transdisciplinary Collaborations at the Nexus of Climate and Health for Global Environmental Change Research - A Way Forward

October 23-26, 2023

Pimarnman Room, Anantara Siam | Bangkok, Thailand

Workshop Partners:

- Japan Science and Technology Agency (JST)
- Thailand Science Research and Innovation (TSRI)
- U.S. National Science Foundation (NSF)
- U.S. Department of State (DOS)

Monday, October 23	
8:00	Check-In
8:45	Assemble for group photo on main stairway
9:00-9:30	<p>Welcome Researchers/Funders - Clara Davis, U.S. Department of State</p> <ul style="list-style-type: none"> ● <i>Goals of the workshop</i> ● <i>Explain Pecha Kucha - like program for the day</i> <p>Welcome Speeches from USA, Japan, and Thailand</p> <ul style="list-style-type: none"> ● Osamu Kobayashi, <i>Director, Department of International Affairs, JST</i> ● Pattamawadee Pochanukulin, <i>President of TSRI</i>
9:30-10:00	<p><u>Activity: Quick Research Pitch</u> (Pecha Kucha-like)</p> <ul style="list-style-type: none"> ● 14 presenters (2 min each) <ul style="list-style-type: none"> ○ <i>Research Goal + Creative Research Goal:</i> <i>1 min on research topic & 1 min on research goals</i>
10:00-10:30	Coffee Break
10:30-11:00	Working with Accelerator Programs to Bring Science to the Market

	<p>[virtual]</p> <ul style="list-style-type: none"> • Dr. Furqan Irfan, <i>Associate Professor, Department of Neurology, Michigan State University</i>
11:00-11:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> • Dr. Enrico C. Paringit, <i>Executive Director, Philippine Council for Industry, Energy, and Emerging Technology Research and Development (DOST PCIEERD)</i>
11:30-12:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> • 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
12:00-13:00	<p>Lunch in the Suriyanchandra and Rattanakosin Rooms</p>
13:00-13:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> • Mr. Rushdi Abdul Rahim, <i>President & Chief Executive Officer, Malaysian Industry-Government Group for High Technology (MIGHT)</i>
13:30-14:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> • 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
14:00-14:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> • Dr. Agus Haryono, <i>Deputy for Research and Innovation Facilitation, National Research and Innovation Agency (BRIN)</i>
14:30-15:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> • 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
15:00-15:30	<p>Coffee Break</p>
15:30-16:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> • 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
16:00-16:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> • Dr. Melina Galdos, <i>Wellcome Trust</i>

16:30-17:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> ● 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
17:00-17:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> ● Dr. Dr. Pongpan Kaewtatip, TSRI
17:30-18:00	<p>Activity: Quick Research Pitch (Pecha Kucha-like)</p> <ul style="list-style-type: none"> ● 14 presenters (2 min each) <ul style="list-style-type: none"> ○ Research Goal + Creative Research Goal: 1 min on research topic & 1 min on research goals
18:00-18:30	<p>Funder's Presentation</p> <ul style="list-style-type: none"> ● Dr. Osamu Kobayashi, JST
TU	<p>20 min Connections of the day (set up at lunch time)</p> <ul style="list-style-type: none"> - Reflect on the Funders day (funders/researchers participate) - What interests them (seen/done) <ul style="list-style-type: none"> - activity/ mechanism that can be implemented by funders / researchers - (research topics vs supporting mechanism) - sticky note on the wall - on the matrix - anonymous or with name on the stick notes
Tuesday, October 24	
8:00-8:05	<p>Keynote Remarks</p> <ul style="list-style-type: none"> ● Bill Davis, <i>Regional Program Director, Centers for Disease Control</i>
8:05-9:45	<p>Grant Proposals and Funding Opportunities</p> <ul style="list-style-type: none"> ● 45 min Grant Writing for NSF and NIH [Virtual] <ul style="list-style-type: none"> ○ Dr. Sara Steenrod, <i>Grant Consultant, Michigan State University</i> ● 45 min Proposal and Budget Preparation and Submission [Virtual] <ul style="list-style-type: none"> ○ Lori Bramble, <i>Research Administration Manager, Michigan State University</i> ● 10 min Q/A <ul style="list-style-type: none"> ○ Dr. Sasitorn Srisawadi
9:45-10:15	<p>Funders Presentation Virtual (20min + 10Q&A)</p> <ul style="list-style-type: none"> ● 20min National Institute of Health Fogarty Opportunities

	<ul style="list-style-type: none"> ○ Dr. Aspen Reese, <i>Fogarty International</i>
10:15-10:45	Coffee Break
10:45-12:00	<p>Community Engagement and Building a Transdisciplinary Team</p> <ul style="list-style-type: none"> ● 5 min Intro of the follow up activity (take down key notes) ● 30 min Building climate-resilient health systems in the Philippines: engaging communities and disciplines <ul style="list-style-type: none"> ○ Renzo R. Guinto, MD DrPH, <i>Associate Professor and Director, Planetary and Global Health Program, St. Luke's Medical Center College of Medicine, Philippines, Member, National Panel of Technical Experts, Climate Change Commission, Philippines</i> ● 40 min Idea Generation & Discussion at Plenary (Group Report) <ul style="list-style-type: none"> ○ Dr. Sasitorn Srisawadi, <i>National Metal and Materials Technology Center</i> ○ Sticky note/ Synthesis/ relate to own work- present to larger group
12:00-13:30	Lunch in the Suriyanchandra and Rattanakosin Rooms
13:30-15:00	<p>Science Communication Activity</p> <ul style="list-style-type: none"> ● 60 min Decisions for the Season [Virtual] <ul style="list-style-type: none"> ○ Mark Booker (Good Games) ● 15 min Discussion challenges with unpredictability & community engagement - link to a proposal on risk management <ul style="list-style-type: none"> ○ Dr. Sasitorn Srisawadi, <i>National Metal and Materials Technology Center</i> ○ 2-3 questions - guiding questions ○ a note/proposal - keep a note for themselves
15:00-15:30	Coffee Break
15:30-17:30	<p>Proposal Writing and Funding Opportunities</p> <ul style="list-style-type: none"> ● 45 min Process and Elements of Grant Proposals and Finding Funding Opportunities <ul style="list-style-type: none"> ○ Dr. Ramjee Ghimire, <i>Mekong One Health Innovation Program, Michigan State University</i> ● 30 min Development and Funding Opportunities for Researchers and Innovators in Southeast Asia <ul style="list-style-type: none"> ○ Mr. Jose Quiroga, <i>Director of Global Development, Office of Global Outreach and Extended Education, Arizona State University</i>

	<ul style="list-style-type: none"> ● 20 min National Research Council For Thailand <ul style="list-style-type: none"> ○ TBD ● 15 min Q&A
17:30-18:00	<p>Connections of the day</p> <ul style="list-style-type: none"> ● Dr. Sasitorn Srisawadi, <i>National Metal and Materials Technology Center</i> <p>One key reflection on the wall (repeat the same activity)</p>
Wednesday, October 25	
8:00-8:45	<p>Grant Proposals and Funding Opportunities</p> <ul style="list-style-type: none"> ● 30 min Sharing Experiences of Grant Proposal Writing and Reviewing <ul style="list-style-type: none"> ○ Dr. Ned Walker, <i>Microbiology and Molecular Genetics, Michigan State University</i> [Virtual] ○ Q&A (15 min)
8:45-9:35	<p>Session 1: Local, Regional, and International Communication for Impact</p> <ul style="list-style-type: none"> ● 10 min Introduction <ul style="list-style-type: none"> ○ Dr. Taikan Oki (University of Tokyo) ● 30 min "Fireside chat" on experience for early to mid-career researchers <ul style="list-style-type: none"> ○ Dr. Taikan Oki (University of Tokyo) with Dr. Kampanart Silva leading discussion ● 10 min Q&A with Audience
9:35-10:15	Coffee Break
10:15-11:05	<p>Session 2: Transdisciplinary Research projects in Asia</p> <ul style="list-style-type: none"> ● 10 min Introduction <ul style="list-style-type: none"> ○ Dr. Taikan Oki, <i>University of Tokyo</i> ● 25 min "Fireside chat" on experience for early to mid-career researchers <ul style="list-style-type: none"> ○ Dr. Taikan Oki (University of Tokyo) with Dr. Sasitorn Srisawadi leading discussion ● 10 min Q&A with Audience
11:05-11:30	<p>Funder Presentations (20min + 10Q&A)</p> <ul style="list-style-type: none"> ● 30 min e-ASIA & SATREP <ul style="list-style-type: none"> ○ Dr. Yukio Kenmochi, SATREP Secretariat

11:30-13:00	Lunch in the Suriyanchandra and Rattanakosin Rooms
13:00-14:30	<p>Session 3: Environmental and Ecological health (20min + 10 min Q&A each)</p> <ul style="list-style-type: none"> ● 30 min Wastewater and Environmental Surveillance: Current and Future Perspective in Thailand <ul style="list-style-type: none"> ○ Dr. Woradee Lurchachaiwon, <i>Division of Global Health Protection, CDC Thailand</i> ● 30 min Community Engagement: Health to App Development <ul style="list-style-type: none"> ○ Hang Dao Viet MD PhD, <i>Hanoi Medical University</i> ● 30 min Environmental and Ecological health, focusing on water management in Thailand <ul style="list-style-type: none"> ○ Dr. Taikan Oki, <i>University of Tokyo</i>
14:30-15:00	Coffee Break
15:00-16:30	<p>Science to Action Pt. I (20 min + 10 min Q&A each)</p> <ul style="list-style-type: none"> ● 30 min Fostering Multidisciplinary Teams to Tackle One Health Challenges <ul style="list-style-type: none"> ○ Vipat Kuruchittham, <i>Executive Director, SouthEast Asia One Health University Network</i> ● 30 min NASA SERVIR Global <ul style="list-style-type: none"> ○ Amanda Markert, <i>Associate Lead of Weather & Climate Resilience, NASA SE Asia Science Coordination Lead (NASA)</i> ● 30 min Asian Disaster Preparedness Center (SERVIR) <ul style="list-style-type: none"> ○ Dr. Peeranan Towashiraporn, <i>Chief of Party, SERVIR Southeast Asia</i> ○ Dr. Dimitris Stratoulas, <i>Senior Scientist, ADPC</i>
16:30-17:30	<p>Science to Action Pt. II</p> <ul style="list-style-type: none"> ● USAID Regional Development Mission of Asia (RDMA) - <ul style="list-style-type: none"> ○ Ms. Napak Tesprasith, <i>Program Management Specialist, USAID/RDMA</i> ○ Karoon Chanachai, <i>Development Assistance Specialist, Regional Animal Health Advisor</i> ○ Tanaporn Perapate, <i>Development Assistance Specialist, Regional Program Operations Team Lead</i> ○ Dr. David Sintasath, <i>Regional Malaria Advisor</i> ● Earth Observations for Water Security (SERVIR) <ul style="list-style-type: none"> ○ Dr. Sakda Tridech, <i>Director of Air Quality Model and Geographic Information Centre, Thai Pollution Control</i>

	<p><i>Department (PCD)</i></p> <ul style="list-style-type: none"> ● Measuring Air, Water, and Agricultural Quality using Earth Observations <ul style="list-style-type: none"> ○ Dr. Pakorn Petchprayoon, <i>Director of the Geoinformatics Product Innovation Office of Geo-informatics and Space Technology Development Agency (GISTDA)</i>
17:30-18:00	<p>Connections of the Day</p> <ul style="list-style-type: none"> ● Dr. Sasitorn Srisawadi & Kampanart Silva
Thursday, October 26	
9:00-10:00	<p>Emerging Issues in Climate and Health (20 min + 10 min Q&A each)</p> <ul style="list-style-type: none"> ● 30 min Zoonotics/Spillover [Virtual] <ul style="list-style-type: none"> ○ Dr. Chris Johnson, <i>U.S. Science Envoy, UC Davis</i> ● 30 min Critical and Emerging Technologies to Improve Medical Resilience to Climate Change <ul style="list-style-type: none"> ○ Dr. Joshua Porterfield, <i>U.S. National Science Foundation</i>
10:00-10:30	<p>Funding opportunities (20min + 10 Q&A)</p> <ul style="list-style-type: none"> ● 30 min UK Research Institute - Medical Research Council <ul style="list-style-type: none"> ○ Dr. Victoria Swann O'Flynn, <i>Program Manager, MRC, UKRI</i>
10:30-11:00	Coffee Break
11:00-11:30	<p>Funding opportunities (20 min + 10 min Q&A)</p> <ul style="list-style-type: none"> ● 30 min Belmont Forum Opportunities <ul style="list-style-type: none"> ○ Dr. Brian Leung, <i>Belmont Forum Secretariat/NSF</i>
11:30-12:30	<p>Writing Grant Proposals</p> <ul style="list-style-type: none"> ● 45 min Writing Grant Proposals Opportunities <ul style="list-style-type: none"> ○ Dr. Qing Xia, <i>Associate Director, Institute for Global Health, Michigan State University</i> ● 15 min Funding Priorities and Opportunities in the U.S. Department of Defense <ul style="list-style-type: none"> ○ Dr. Weilin (Will) Hou, <i>DOD/Office of Naval Research Global</i> [Virtual]
12:30-13:30	Lunch in the Suriyanchandra and Rattanakosin Rooms

13:30-16:00	<p>Food-Energy-Water Nexus</p> <ul style="list-style-type: none"> ● 20m Climate change: Situation and Challenges of Indigenous Peoples' food systems <ul style="list-style-type: none"> ○ Dr. Pattamaporn Joompa, <i>Institute of Nutrition, Mahidol University</i> ● 20m Enhancing food and nutrition security through innovation and applications of shared data <ul style="list-style-type: none"> ○ Dr. Warangkana Srichamnong (Nadine), <i>Institute of Nutrition, Mahidol University</i> ● 90m Water and Wastewater Utilities at the Nexus of Climate and Health <ul style="list-style-type: none"> ○ Joshua Boyce, <i>Project Coordinator, U.S. Water Partnership</i> ○ Fidan Karimova, <i>Water Technology Collaboration Manager, Water Environment Federation</i>
16:00-16:30	Coffee Break
16:30-18:00	<p>A Way Forward</p> <ul style="list-style-type: none"> ● 30 min Discussion & Wrap up - outcomes - networking & new partnerships <ul style="list-style-type: none"> ○ Dr. Sasitorn Srisawadi & Kampanart Silva ● 30 min Report out from the week (research priorities and challenges) <ul style="list-style-type: none"> ○ Dr. Sasitorn Srisawadi & Kampanart Silva
18:00-18:15	Closing Remarks