

SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT

Executive Director's Report

May 2026

1. Personnel:

Personnel	
Staff	Seasonal
11	38

Type of Work	2026	3 - Year Average
Adulticiding	0.00	5.50
Wetlands / Rural	854.75	593.92
Fish Culture	326.00	165.17
Catch Basins / Gutters	170.50	241.42
Tree Holes	64.00	176.00
Prison	8.50	59.08
Service Request	54.50	25.58
Traps	440.25	359.00
Aerial Operations	40.50	0.00
Laboratory	745.00	564.92
Office / Administration	862.75	955.25
Equipment Maintenance	373.75	309.17
Facility Maintenance	485.75	347.08
Training	477.50	728.67
Education	306.75	160.58
Unmanned Aerial System	228.00	190.17
CSU Grant	15.00	272.42
Other / Errands	52.00	125.92
Comp. Time Used	50.25	28.42
Vacation	40.00	78.25
Additional Hours	0.00	0.00
Holidays	88.00	0.00
Sick Leave	16.50	27.75
Total	5,700.25	5,414.27

2. Office/Lab/Shop Activities:

Ary Faraji, Executive Director

- Attended weekly Owner/Architect/Consultant meetings on 6, 13, 20, 27 May 2026.
- Attended bi-monthly meeting of the leadership of the Entomological Society of America's Medical, Urban, and Veterinary Entomology section on 6 May 2026.
- Attended budget meetings with the Rockies and High Plains Vectorborne Disease Center on 7 May 2026.
- The District hosted the annual Utah Mosquito Abatement Association's Annual Workshop on 8 May 2026.
- Attended bi-monthly meeting of the leadership of the Entomological Society of America's Pacific Branch on 18 May 2026.
- Met with Curtis Tonks from the Utah Local Governments Trust regarding our annual renewals on 19 May 2026.
- Attended a meeting with Dr. Sam Rund and Dr. Matthew Siderhurst from the USDA regarding mosquito electronic tags on 20 May 2026.
- Thad Allen, PhD student from USU, stayed in our dormitories on 27-29 May 2026.
- Attended a meeting with the Utah Local Governments Trust on 27 May 2026.
- Met with Dr. Bob Peterson from University of Montana regarding collaborative projects on 29 May 2026.
- Safety luncheon for the crew on 29 May 2026.

Aleta Fairbanks, CFO

- 5-6 May 2026 – Completed the majority of the audit preparation and met with the auditors.
- 6 May 2026 – Attended a virtual Local Government Compliance Training Meeting.

Chris Bibbs, Laboratory Director

May 1	Cross Center Statistics Working Group establishment call w/ USDA (Robert Aldridge)
May 4	New seasonal orientations, tours, and training
May 5	Mosquito ID training; Cliff swallow project planning; DuoVex handheld equipment trials project planning
May 6	Construction punch list walkthrough (Lab)
May 7	Call w/ JR on stats analysis and aerial trial data; call w/ Jeremiah Matson on H5N1 xenosurveillance in mosquitoes
May 8	UMAA Spring Workshop
May 11	Med school letter for James Clanton (former SRI); new seasonal training
May 12	EUP details for Eurofins; rec letters for SRI students; coordinating w/ Norah Saarman on COE summer lab internships
May 14	PacVec grant reviews; project logistics/planning for DuoVex ground trials
May 18	PacVec internship arrangements for Iris McCulloch
May 19	CLS and Eurofins project allocations, calibration timelines, and insectary scheduling; major project assignments w/ interns
May 20	Phragmites/Erythrothorax data call w/ Ilia Rochlin, project planning, and integration with PacVec
May 21	Saarman lab conference call for Amy Jamison project
May 22	PacVec training grant review panel; toxicology lessons for lab interns

May 26	Thad Allen intern training for larval bioassays; Saarman lab meeting on Alina Moreno project
May 27	Thad Allen trap training; Pestie repellent testing cooperator call
May 28	Pestie scope of work documents and quotes for conducting repellent testing; Thad Allen mosquito ID training
May 29	Project meetings on all studies; toxicology lessons for lab interns; inventory of supplies for night trials

Michele Rehbein, Education Specialist

- Dr. Rehbein scouted cliff swallow nesting sites with Dr. Byers, Hannah Brennan, and Evelyn Acosta on 11 May.
- Dr. Rehbein scouted cliff swallow nesting sites with Dr. Bibbs, Craig Wallentine (UPHE), and Derek Bingham on 13 May.
- Dr. Rehbein, Evelyn Acosta, Hannah Brennan, and Reed Miles went to the Northwest Middle School STEAM Day on 21 May.
- Dr. Rehbein created and published SLCMAD's biweekly newsletter on 29 May.
- Dr. Rehbein met with Mitch Pruitt, a new Education seasonal employee, on his first day on 4 May.
- Dr. Rehbein attended a ULGT Legal Brief Series about qualified immunity for the Trust Integrity program on 5 May.
- Dr. Rehbein met with Evelyn Acosta, returning Education seasonal employee, on her return date on 7 May.
- Dr. Rehbein attended and presented at the UMAA Spring Workshop on 8 May.
- Dr. Rehbein met with Hannah Brennan, a new Education seasonal employee, on her first day on 11 May.
- Dr. Rehbein attended a ULGT safety webinar (ladder safety) on 11 May.
- Dr. Rehbein attended a 2026 City Nature Challenge recap/debrief meeting on 13 May.
- Dr. Rehbein attended a ULGT Designated Safety Officer meeting on 14 May.
- Dr. Rehbein met with Michelle Mingrone, founder of Itty Bitty Mosquito Population Committee, based in the D.C. area on 15 May and discussed getting community engaged and how to involve more residents in mosquito control.
- Dr. Rehbein met with Clair Nebeker from Third Sun to go over the dev site for the district's new website on 20 May.
- Dr. Rehbein worked on feedback for the district's dev site from Third Sun on 27 and 28 May.
- Dr. Rehbein held a safety meeting on workplace discrimination and harassment on 29 May.

Brad Sorensen, Aerial Operations Supervisor

Prepped for UMAA Spring Workshop
 Brought On Jed Hughes for the season
 Assembled Lifetime table and chair carts for UMAA Workshop
 Training seasonals on drone operations
 Assisted in modifying Pioneer spray systems to have hose reels for treatments
 Calibrating equipment
 Continued working on construction coordination and walk throughs
 Treated 340 Acres with UAS

5/1 – Meetings with Harper Precast and Eckman
 5/6 – OAC Meeting
 5/8 – UMAA Spring Workshop
 5/8 – Meeting with Harper Percast
 5/13 – OAC Meeting
 5/13 – Helicopter Maintenance with Brad Correa and Jordan Cannon
 5/20 – OAC Meeting
 5/20 – Rearrange aircraft in Ogden Hangar with VDCI
 5/27 – OAC Meeting

Jason Hardman, Rural Field Supervisor

Fixing equipment issues, calibration of equipment, field work, and seasonal employee training

Quinten Salt, Urban Field Supervisor

Collect Gambusia from Jensen Pond to bolster stock 5/6
 Release grown fry into main Gambusia tank and restart fry tank 5/20
 Rebuild spray valve body on pioneer liquid skid 5/25
 Convert Stihl blower to mist function and flow test to prepare for trial. 5/29
 Spring workshop

3. Field Data:

Control:

ACRES TREATED

	Adulticide		Larvicide		Total
	Ground	Aerial	Ground	Aerial	
May's Total	0.00	0.00	475.32	0.00	475.32
May's 3 Year Avg.	0.00	5,046.00	674.52	986.33	6,706.85

Service Requests:

MOSQUITO SERVICE OPPORTUNITIES RECEIVED BY MONTH

	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Total
2026	5	8	24							37
3-Year Avg.	3.67	14.00	35.00	42.67	34.00	19.00	13.33	3.33	0.67	165.67

Inspection and Surveillance:

Larval Collections		
Species	May	5-Year Average
<i>Ae. campestris</i>	0	0.8
<i>Ae. dorsalis</i>	22	59.8
<i>Ae. fitchii</i>	0	0.2
<i>Ae. increpitus</i>	0	2.4
<i>Ae. nigromaculis</i>	0	0.6
<i>Ae. niphadopsis</i>	0	0.0
<i>Ae. sierrensis</i>	0	0.2
<i>Ae. melanimon</i>	0	0.2
<i>Ae. varipalpus</i>	0	0.0
<i>Ae. vexans</i>	5	1.2
<i>Cx. erythrothorax</i>	0	0.4
<i>Cx. pipiens</i>	23	13.8
<i>Cx. tarsalis</i>	89	49.2
<i>Cx. salinarius</i>	0	0.0
<i>Cx. impatiens</i>	0	0.8
<i>Cs. incidens</i>	34	16.2
<i>Cs. inornata</i>	50	28.4
<i>An. freeborni</i>	0	0.6
Total	223	174.8

4. Weather:

May's weather was warmer (by 2.5°) and drier (by 1.16") than normal.

Temperature:

	Monthly Avg.	Normal	High	Low
April	52.5°	51.8°	82°	30 °
May	64.0°	61.5°	93°	39 °

<https://www.weather.gov/wrh/Climate?wfo=slc>

Precipitation:

	Total for Month	Normal	Most in 24 hours	
April	1.79"	2.16"	0.51"	on 26 th
May	0.66"	1.82"	0.29"	on 30 th

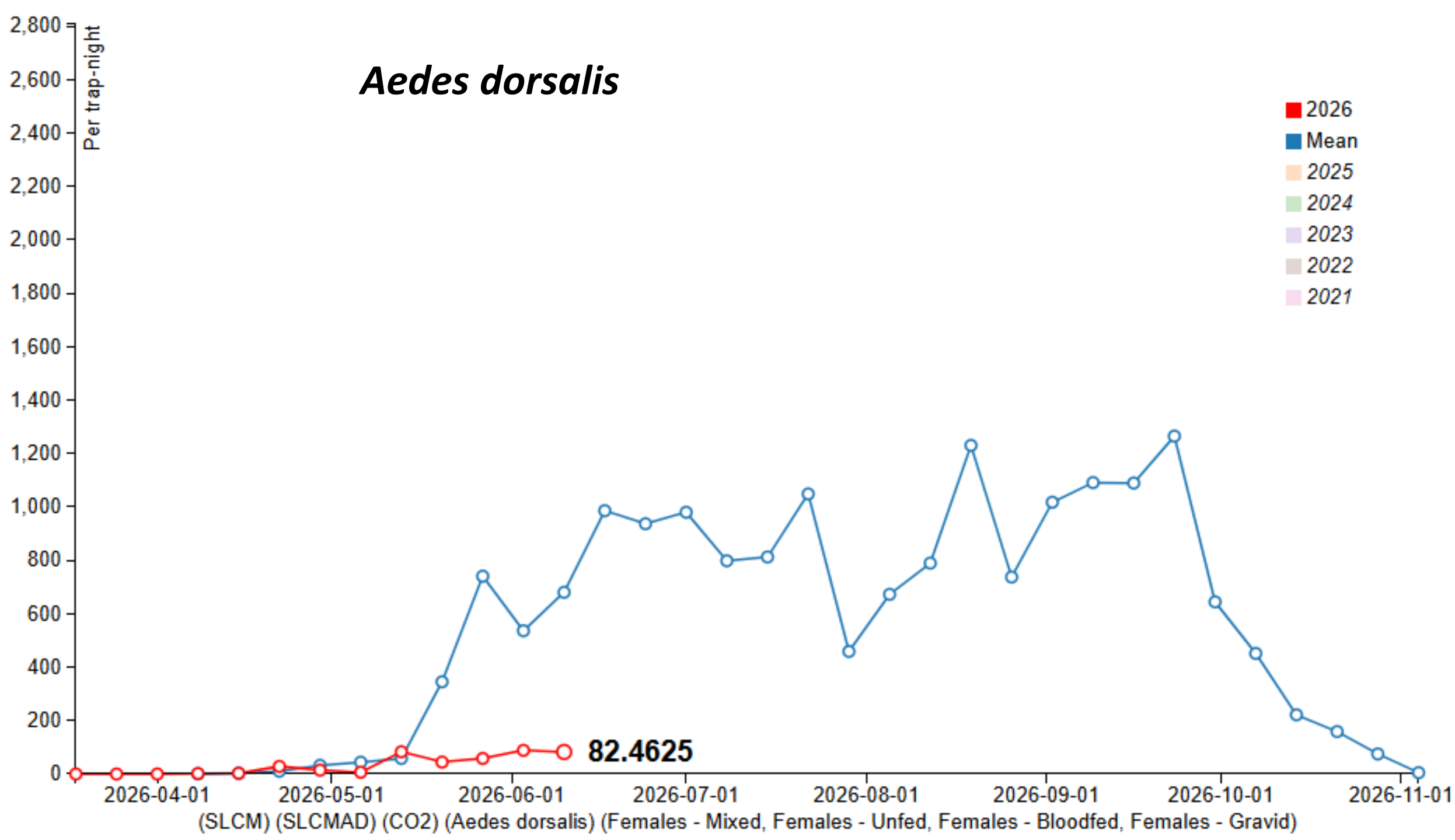
<https://www.weather.gov/wrh/Climate?wfo=slc>

Great Salt Lake (elevation in feet above sea level):

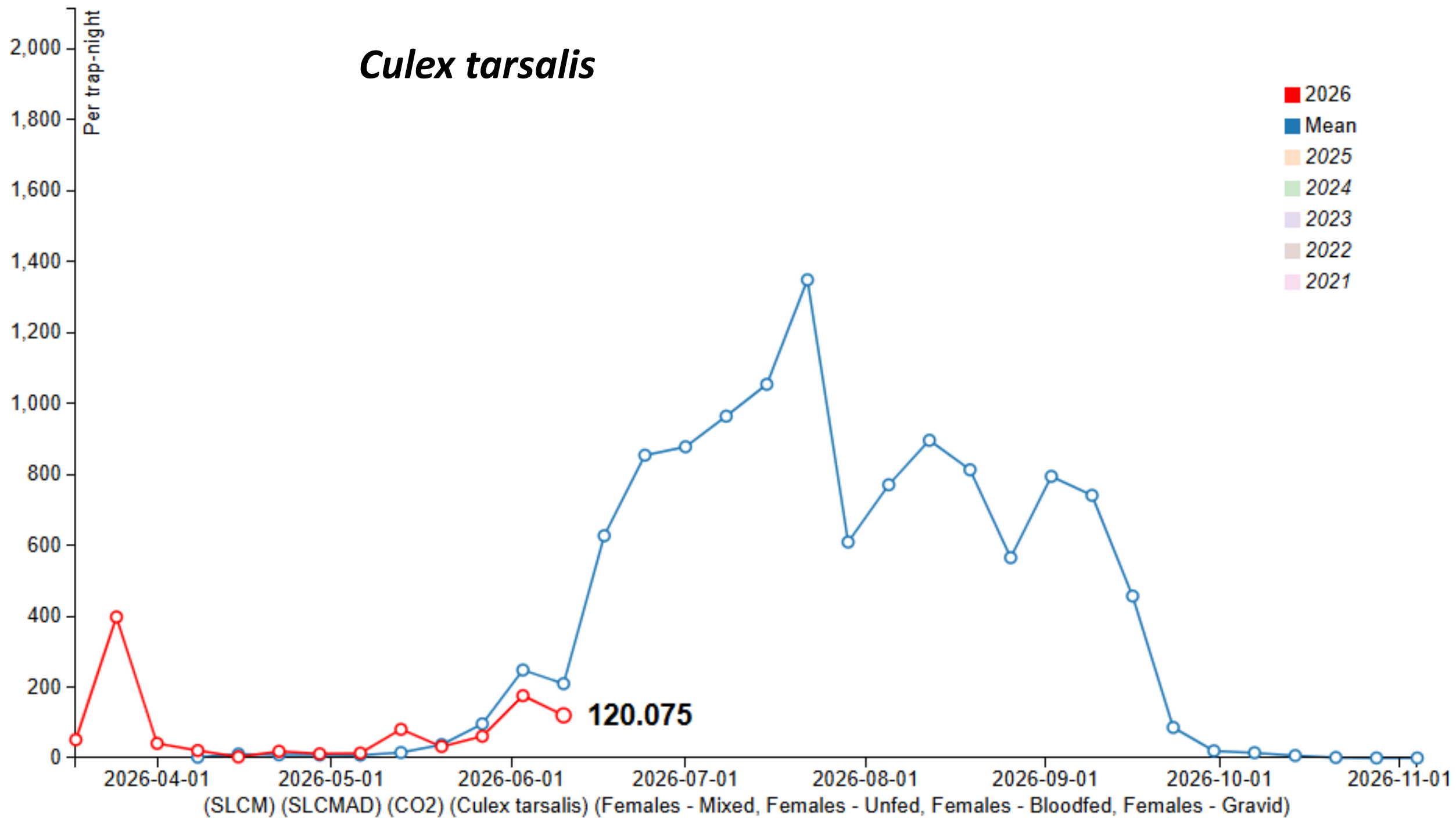
	Apr 1	May 1	Jun 1
2025	4,193.4	4,193.4	4,193.2
2026	4,192.3	4,192.2	4,191.8

<https://waterdata.usgs.gov/monitoring-location/USGS-10010000/>

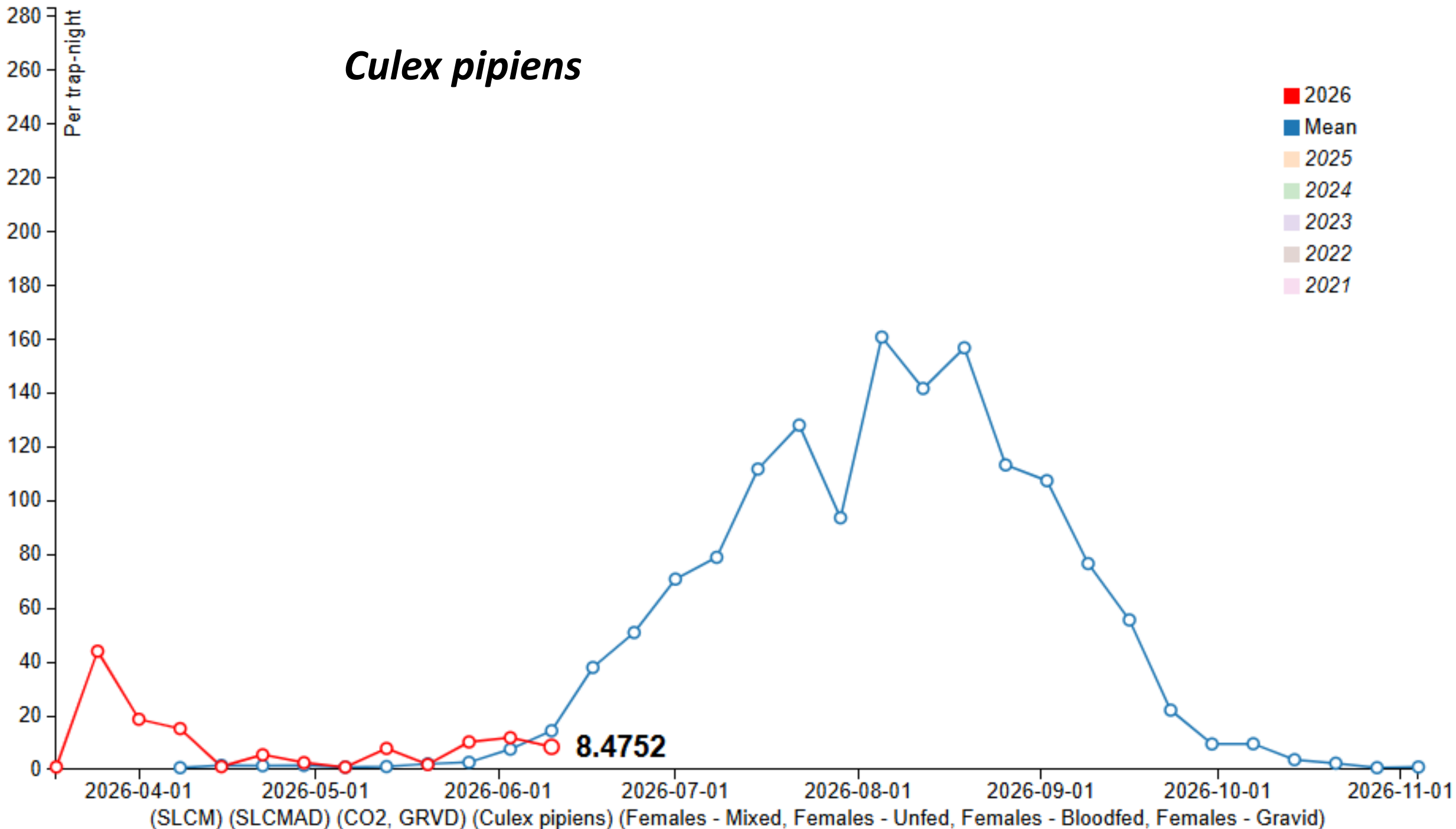
Aedes dorsalis



Culex tarsalis



Culex pipiens



Subject: Fw: RE: Re[2]: Invitation to Deliver Plenary Lecture at AMV-2026 in Thailand
From: "Ary Faraji" <ary@slcmad.org>
Sent: 4/27/2026 12:01:43 PM
To: "Ary Faraji" <ary@slcmad.org>

----- Forwarded Message -----

From "Alongkot, Ponlawat Dr (Boi) FSN WRAIR-AFRIMS (TH)" <AlongkotP.fsn@afirms.org>
To "Ary Faraji" <ary@slcmad.org>
Cc "academic.amv2026@gmail.com" <academic.amv2026@gmail.com>; "faasthc" <faasthc@ku.ac.th>
Date 6/7/2025 6:47:22 PM
Subject RE: Re[2]: Invitation to Deliver Plenary Lecture at AMV-2026 in Thailand

Dear Ary,

Thank you so much for confirming your participation as a plenary speaker at AMV-2026. We're delighted to have you on board. You're right—we are getting a very early start with invitations this time. Fortunately, most of the symposiums and speaker lineups have already been confirmed and organized, so the program is really taking shape nicely. Your preliminary title, *"Innovative Advances for Mosquito Surveillance and Control Surrounding the Great Salt Lake in Utah, USA,"* sounds excellent and perfectly aligns with the theme of the conference. Your talk will highlight the forefront of innovation in mosquito control and is sure to engage both regional and international audiences.

To give you a bit more context, the conference will feature **two plenary talks**:

- One focusing on **vector control policy**, to be presented by **WHO**.
- The other focusing on **innovative and operational advancements in mosquito control**, which will be your presentation.

We believe that this combination of policy-level insight and practical, cutting-edge innovation will be highly valuable for all attendees.

Thank you also for sending your headshot—received with thanks! We'll use it for conference promotion and on the AMV website. Please feel free to keep us posted if you'd like to refine your title or topic as we get closer to the event.

Looking forward to working together and seeing you in Pattaya, Thailand next year!

Warm regards,
Boi

Alongkot Ponlawat, PhD
Chair, Scientific Committee
AMV-2026 – 2nd Asia-Pacific Conference on Mosquito and Vector Control

Chief, Vector Biology and Control Section
Department of Entomology
WRAIR-AFRIMS
Bangkok, Thailand 10400

ASIA PACIFIC CONFERENCE ON MOSQUITO AND VECTOR CONTROL **AMV2026**

Innovative Collaboration in
AI and Technology to Advance Vector Control

5 - 7 August 2026

Grande Centre Point Space Pattaya City, Thailand

Register Now

The 2nd Asia-Pacific Conference on Mosquito and Vector Control (AMV)-2026

Theme: Innovative Collaboration in AI and Technology to Advance Vector Control

Date: 5-7 August 2026

Venue: Grande Centre Point Space Pattaya City, Thailand

Start Registration: 15 July 2025

THE GRANDE CENTRE POINT SPACE PATTAYA

THE GRANDE CENTRE POINT SPACE PATTAYA, THAILAND,
THE VENUE HOTEL FOR THE 2ND ASIA-PACIFIC CONFERENCE
ON MOSQUITO AND VECTOR CONTROL (AMV-2026),
IS OFFERING A SPECIAL DISCOUNT TO ALL CONFERENCE
PARTICIPANTS.

[See all Accommodations](#)

Message from AMV Chair





**Prof. Dr. Theeraphap
Chareonviriyaphap**

Kasetsart University, Thailand

We warmly welcome you to the 2nd Asia-Pacific Conference on Mosquito and Vector Control (AMV), taking place from August 5–7, 2026, organized by Kasetsart University in collaboration with partner organizations. This conference will bring together scientists, innovators, and visionaries to present and discuss novel, cutting-edge vector control tools in the era of AI and a rapidly changing world.



Plenary Lectures



Dr. Florence Fouque

The WHO Special Programme for Research and Training in Tropical Diseases (TDR)



Dr. Ary Faraji

Executive Director and Entomologist at the Salt Lake City Mosquito Abatement District, USA

Keynote Lectures



Prof. Anavaj Sakuntabhai

Professor and Head of Unit Ecology and Emergence of Arthropod-borne Pathogens, Institut Pasteur, CNRS – UMR2000, INRAe USC – Tiques, Paris, France

Executive Director, Institut Pasteur du Japon, Japan



Prof. Hyung Wook Kwon

Professor and Director, Department of Life Sciences & Center for Insect Vectors, Incheon National University, Republic of Korea

Topics Highlighted

Title	Description
1. Advancing Insecticide Resistance Detection and Control Efficacy in the Field	Explore cutting-edge tools, protocols, and collaborative frameworks designed to monitor and manage insect resistance across diverse ecological settings.



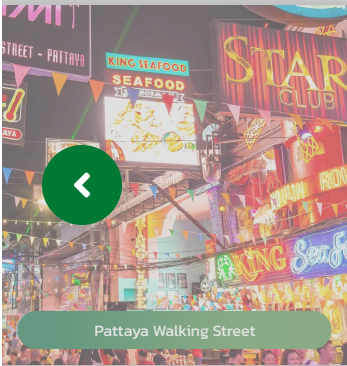


Title	Description
2. Simian Malaria: Crossing Species, Crossing Borders	Zoonotic malaria is challenging national elimination goals. This symposium brings together leading scier to address the transmission dynamics, diagnostics, & cross-border risks of simian malaria across Southeast Asia
3. AI Models in Vector Surveillance: From Prediction to Precision	Artificial intelligence is reshaping how we detect, manage and respond to vector populations. This session showcases AI applications in mosquito species identification, age grading, infection status prediction and resistance detection.
4. Spatial Emanators for Aedes Control in Asia-Pacific	Innovative spatial repellent technologies are being trialed to protect communities from Aedes-borne diseases. Discover the latest evidence and operation experiences in deploying spatial emanators across the region.
5. One Health Approach: Roles and Actions in Vector Control	Integrating human, animal, and environmental health is key to tackling vector-borne threats. This theme focuses on multi-sectoral coordination and surveillance through a One Health lens.
6. Success Stories in Community Mobilization	What happens when communities take ownership of vector control? This session features real-world examples of participatory interventions that have improved public health outcomes and sustained behavioral change.

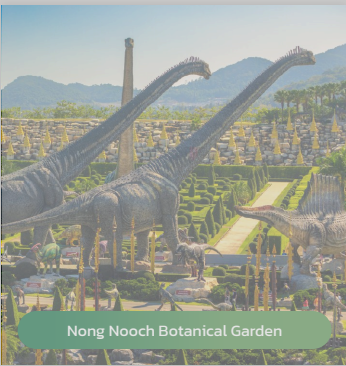
Pre-Register Available!

Register Now

Attractions



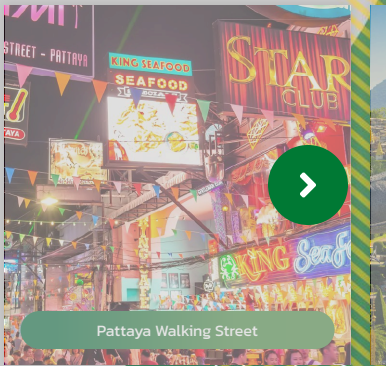
Pattaya Walking Street



Nong Nooch Botanical Garden



Pattaya Beach



Pattaya Walking Street

Confirmed Invited Speakers

► Prof. Dr. Chow-Yang Lee

Prof. Dr. Sylvie Manguin

Dr. Yunpeng Li

