

Draft Agenda for the Fall 2022 FPAW Meeting



Dates: 25 – 27 October 2022

Location: Atrium of the [National Weather Center](#)
120 David L Boren Blvd, Norman, OK 73072

Registration: Required, relevant information forthcoming

Schedule: Times are Central Daylight Time (CDT)

	Day 1 Tuesday 10/25	Day 2 Wednesday 10/26	Day 3 Thursday 10/27
8 – 10 am	<i>Tour</i>	<i>Tour</i>	<i>Networking with Students</i>
10 am – noon (15 min break)	Session #1a	Session #2a	Session #3 and FPAW Organizational Update
Lunch break			
1 – 3 pm (15 min break)	Session #1b	Session #2b	<i>Seminar / Tech Talk</i>
3 – 5 pm	FPAW Steering Committee Meeting	Planning Meeting	
	FPAW Steering Committee Dinner		

Note: Gray blocks above indicate hybrid meeting (both in-person and remote participation)
Italics above indicate potential activity with details TBD

Day 1 – Tuesday, October 25

Morning Tour – location to be determined (8:00 AM – 10:00 AM CDT, in-person only)

Sessions 1a and 1b – Winter Weather (10:00 AM – 12:00 PM CDT and 1:00 PM – 3:00 PM CDT, hybrid, Session Leads Stephanie DiVito/FAA and Andrew Rosenow/NSSL)

The Winter Weather Session will address topics related to icing, snow, and mixed precipitation, as well as their impacts on all aviation operations. There will be two sessions, each focused on a main topic area. The morning session will explore the impact of winter weather on ground operations, focusing on an airport perspective. Specific topics include surface weather observations at the airport, ground de-icing operations, and runway friction. A panel consisting of operator, airport, national airspace management, and weather representatives is planned. The afternoon session will focus on winter weather guidance for operations, spanning the spectrum from manned to unmanned. Brief overviews of current and future meteorological winter guidance tools will be followed by a discussion of the utility and sufficiency of winter guidance. The final portion of the session will be focused on low altitude flight and winter operations. A panel consisting of representatives for helicopters, unmanned aircraft systems, and government aviation safety will discuss the specific needs of the low-altitude community.

Inaugural FPAW Steering Committee Meeting – location to be determined (3:00 PM – 5:00 PM CDT, hybrid)

FPAW Steering Committee Dinner – time and location to be determined (in-person only)

Day 2 – Wednesday, October 26

Morning Tour – location to be determined (8:00 AM – 10:00 AM CDT, in-person only)

Sessions 2a and 2b – Probabilistic Guidance for Decision Making (10:00 AM – 12:00 PM CDT and 1:00 PM – 3:00 PM CDT, hybrid, Session Leads Jennifer Stroozas/NWS AWC and Brian Pettegrew/MITRE)

The Probabilistic Guidance for Decision Making Session will lean into the broader spectrum of forecasts of aviation hazard in probabilistic space. We will discuss the end-to-end spectrum of probabilistic forecasting from initial development through the dissemination of information to operators and translators, who are tasked with interpretation of probabilistic aviation weather hazard information into actionable impact-based decisions. The morning session will focus on the science and communication of probabilistic forecasting, with presentations and conversations revolving around how probabilities may be determined, the vast array of uncertainties underlying each method, and how scientists and model developers can most effectively communicate this information to decision makers. The afternoon portion will focus on the users, how they receive the information, and how they turn it into actionable decisions. The overarching goal of this session is to demonstrate the various uncertainties and communication techniques being practiced, as well as to understand how they are being received and used, and gain insight into the intent of actionable future translation research as it continues to evolve.

FPAW Planning Meeting – location to be determined (3:00 PM – 5:00 PM CDT, hybrid)

The location, dates, and target session topics for the Spring 2023 FPAW Meeting will be discussed and decided upon. Potential locations, dates, and session topics will be similarly reviewed and catalogued for the Fall 2023 FPAW Meeting. Proposed topics submitted to <https://fpaw.aero/form/submit-a-topic> will be included in these discussions.

Day 3 – Thursday, October 27

Potential Networking with Students – location to be determined (8:00 AM – 10:00 AM CDT, in-person)

This potential event is intended to allow the local student community to engage in-person with the aviation weather professionals attending the FPAW meeting.

Session 3 – Review of Prior FPAW Topics (10:00 AM – 11:00 AM CDT, hybrid)

This session will feature an update of the activities of the FAA Weather Community of Interest (Wx COI), and one other TBD topic.

FPAW Organizational Update (11:00 AM – 12:00 PM CDT, hybrid)

We will introduce the members of the newly formed FPAW Steering Committee and discuss how this group will help shepherd FPAW efforts going forward.

Potential Seminar/Tech Talk – time and location to be determined (hybrid)

This potential session is intended to be FPAW's way of saying "thank you" to the National Weather Center and the National Severe Storms Laboratory (NSSL) for hosting our meeting, and a way for FPAW to engage with and give back to the local student and academic communities.