



Environment and Building Systems

Workshop Part A Agenda

Utah State University Eastern

July 6, 2023

Learning Goals for Workshop pt B

1. Increase understanding of environmental monitoring of temperature and relative humidity
2. Understand building HVAC systems that manage your environment
3. Increase understanding of how to analyze environmental monitoring data
4. Increase understanding of decision-making in response to environmental data

Agenda

10:00-10:10	Housekeeping/Introductions
10:10-10:40	Go over homework
10:40-11:00	Basics of Environmental Monitoring
11:00-11:20	Activity: Environmental Monitoring Tools How-to: Light meters, data loggers, Elsec
11:20-11:30	BREAK

11:30-12:15	Introduction to Environmental Data analysis
	1. Brief review of using light data
	2. Basics of using environmental monitoring free software

12:15-1:15 **LUNCH**

1:15-1:30	Introduction to HVAC Systems
1:30-2:30	Group walk through HVAC systems at Museum, tour of Museum spaces, Q&A with building contractor
2:30-2:40	BREAK (10 min)

2:40-3:00	Discussion: Observations from HVAC systems we viewed
3:00-3:40	Activity: Environmental Monitoring Systems at Home Institutions
3:40-4:00	Circle back to software: Drive-through demo with free software tool
4:00-4:30	Reflection on Activity, wrap-up, evaluation