



Environment and Building Systems

Workshop Part A Agenda

USU Eastern Prehistoric Museum

July 6, 2023

Learning Goals for Workshop pt A

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

10:00-10:40	Introductions- What does environmental monitoring for collections mean to you?
10:40-11:10	Introduction to the Collections Environment <ol style="list-style-type: none">1. General Environmental Parameters and Impacts on Collections<ul style="list-style-type: none">○ Agents : Temperature, Relative Humidity, Pollutants, Light, Pests
11:10-11:30	Introduction to Environmental Monitoring
11:30-11:50	Activity: Environmental Monitoring Tools How-to: Light meters, data loggers, Elsec
11:50-12:00	BREAK (10 min)
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12:00-12:30	Introduction to Environmental Data analysis <ol style="list-style-type: none">1. Brief review of using light data2. Basics of using environmental monitoring free software3. Introduction to HVAC Systems
12:30-1:30	LUNCH
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1:30-2:30	Group walk through HVAC systems at Museum, tour of Museum spaces
2:30-3:15	Discussion: Observations from HVAC systems we viewed; Q&A with facilities staff
3:15-3:25	BREAK (10 min)
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3:25-3:45	Activity: Environmental Monitoring Systems at Home Institutions
3:45-4:15	Circle back to software: Drive-through demo with free software tool
4:15-5:00	Reflection on Activity, wrap-up, evaluation