



# HEPEX 2<sup>nd</sup> WS: the three Working Groups

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## ❖ **WG1: Test beds**

- Chairs: Jutta Thielen and Allen Bradley

## ❖ **WG2: Datasets and models**

- Chairs: Eric Wood and Steve Mullen

## ❖ **WG3: Users**

- Chairs: Rob Hartman and Alan Hall



## Working Group 1: Test beds

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- ❖ **Overall question: How can we organize testbeds to answer the primary HEPEX science questions?**
  - What regional test beds are currently out there (DMIP, GE2, Canadian, Brazil, EU, etc.)?
  - How are regional testbeds organized?
  - What is the criteria for an official HEPEX project; what is the process to legitimize HEPEX projects?
  - How can we learn from the different regional testbeds and foster collaboration among the different regional efforts? e.g., reporting requirements.
  - How can we organize community projects for specific HEPEX science questions (data assimilation; downscaling, etc.)?
  - What are the data requirements for HEPEX testbeds?
  - How can HEPEX interact with other international projects (e.g. TIGGE)?



## Working Group 2: Datasets and models

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### ❖ **Overall Question: What datasets and models are required to answer the primary HEPEX science questions?**

- Discuss atmospheric forecast archives, hydromet datasets (prcp, temp, snow, streamflow, basin characteristics)
- Can datasets be better organized to decrease processing time for individual investigators?
- How can we provide some generic modelling architecture to decrease analysis time for individual investigators?
- How can datasets be organized / distributed for regional testbeds?
- Data formats, ...
- How can HEPEX interact with other international projects (e.g. TIGGE)?



## Working Group 3: Users

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### ❖ **Overall question: What can we do to foster and nurture collaboration with users?**

- What are the main categories of users (e.g., hydrologic service providers [RFCs]; decision-makers [reservoir operators, municipalities]; private consulting companies)?
- What is the role of the different users in HEPEX? e.g., what is the role of the private sector, and how can HEPEX stimulate private sector activities? What is the role of hydrologic service providers and how can they participate in HEPEX activities?
- What are the major constraints that limit use of HEPEX science products? Based on this, how can users help define/refine the HEPEX science questions and HEPEX implementation issues?
- How can users provide input on the delivery of hydrologic forecast products (e.g., timing, format [individual ensembles; prob. exceedance])?
- How can HEPEX interact with other international projects (e.g. TIGGE)?



## Working Groups schedule and deliverables

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### ❖ **Tuesday 15.00-17.00: WG discussion**

- Each WG is expected to produce ~2 slides with some preliminary recommendations to be shown in 1<sup>st</sup> plenary discussion.

### ❖ **Wednesday 8.30-9.30: 1<sup>st</sup> plenary discussion**

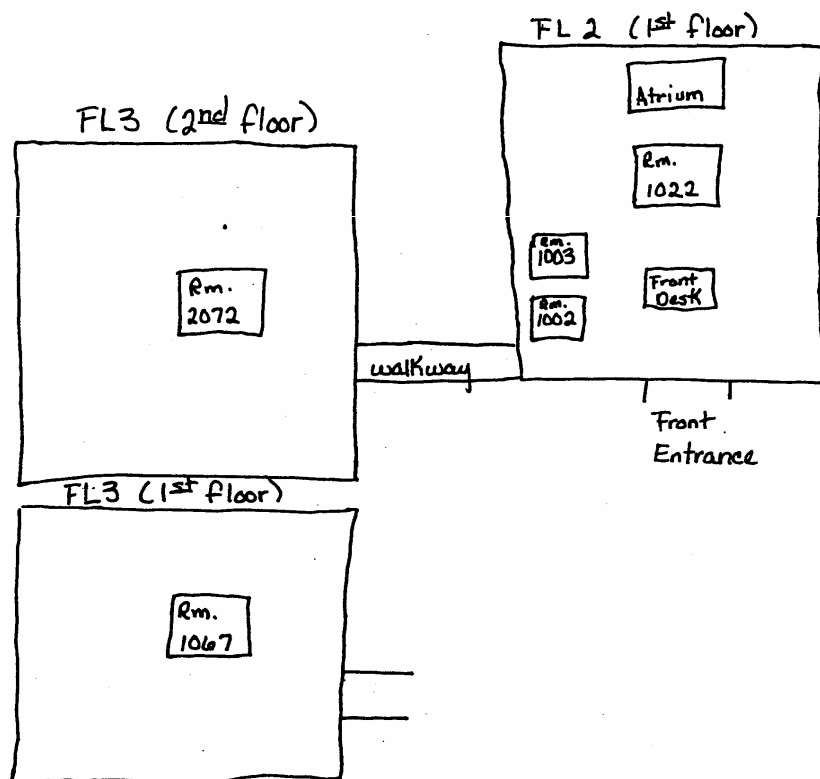
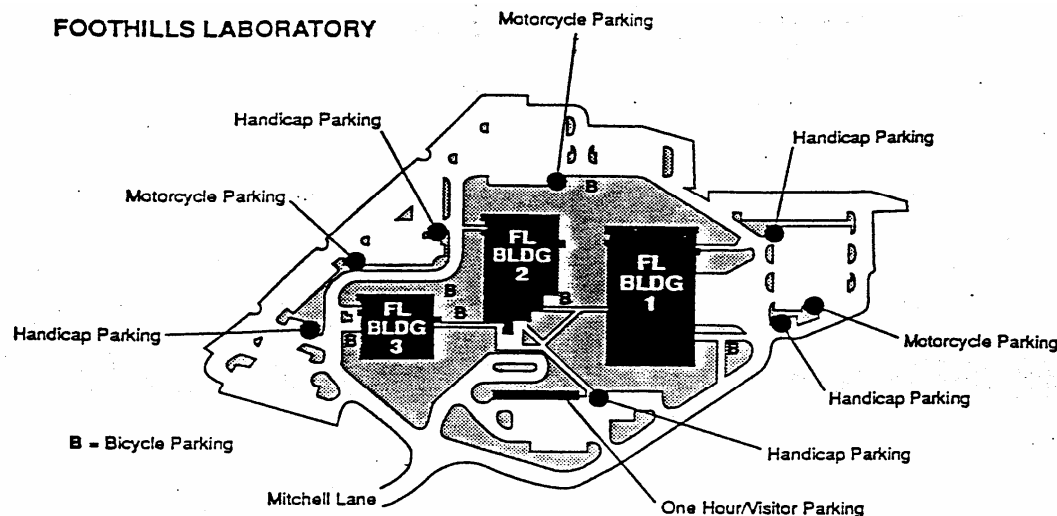
- Each WG chair will have ~10min to present WG's slides. This will be followed by ~30min general discussion.

### ❖ **Wednesday 15.00-17.00: WG discussion**

- Each WG will discuss whether preliminary recommendations need to be revised. Each WG is expected to produce ~5 slides plus a ~2-page summary for 2<sup>nd</sup> plenary discussion.

### ❖ **Thursday 14.00-17.00: 2<sup>nd</sup> plenary discussion**

# FOOTHILLS LABORATORY



**WG1: Test Beds**  
**WG2: Datasets & Models**  
**WG3: Users**

Tuesday:

WG1: FL2, Room 1003

WG2: FL3, Room 2072

WG3: FL3, Room 1067

Wednesday:

WG1: FL2, Room 1002

WG2: FL2, Room 1003

WG3: FL3, Room 2072

Friday Planning Meeting

FL2, Room 1003