

Agenda

UWIN Research Team Annual Meeting

Date: August 3-5, 2016

Location: Colorado State University, Ft Collins, Colorado

Purpose:

The primary goal of the meeting is to gain a mutual understanding of our common framework and desired contributions to the urban water blueprint document. Using a conceptual exercise and discussions we will “backcast” from the desired contributions (the blueprint, enduring SRN, partnerships or endorsements, etc.) to practical tactics, especially for Year 2, at the level of the whole network, regional levels, and PI/campus levels. Tactics would pertain to our major activity areas (research, engagement, network management, etc.). We hope to get an “appropriate” degree of contribution or relevance expected between the research projects and the blueprint, SRN robustness, and partnerships, which will be achieved through a network perspective review process for campus level projects. The following items will be discussed:

- Research components: Re-alignment of projects with the overall goal and desired outputs
- Educational components: URP, Urban Water MOOC, other
- Engagement components: Regional stakeholder meetings
- Roles and responsibilities
- Management plan
- Project management tools
- Urban Water Connect
- Partners and collaborations

Lodging:

Hilton Fort Collins, 425 W Prospect Rd, Fort Collins, CO 80526

To book your reservation please call the Hilton directly at:

(970) 482-2626

UWIN – Urban Water Innovation Network room block

Group Code: MUW

Transportation:

Green Ride - Northern Colorado DIA Shuttle Service

To book a shuttle reservation visit:

<https://greenrideco.hudsonltd.net/res>

Phone:(970) 226-5533

Agenda

UWIN Research Team Annual Meeting

August 3, 2016

Focus on discussion of strengths and weaknesses of Year 1 activities, re-alignment of approaches and activities,

Colorado State University – Lory Student Center (LSC), Cherokee Park Room

8:00 a.m. – 5:30 p.m.

8:00 am – 9:00 am	Breakfast/ Welcome/Introductions
9:00 am – 9:30 am	Summary of Year 1 Activities <i>Mazdak Arabi</i>
9:30 am – 10:15 am	Stakeholder Engagement <i>Mike Sukop</i>
Break	
10:30 am – 11:00am	Undergraduate Research Program <i>Alan Berkowitz</i>
11:00 am – 11:30 am	Education Project Evaluation <i>Shirley Vincent</i>
11:30 am – Noon	Research Programs <i>Mazdak Arabi</i>
Noon – 1:30 pm	Lunch (provided) <i>UK Water Partnership Strategic Agenda</i>
1:30 pm – 2:30 pm	Facilitated Discussion/Workshop <i>Gary Pivo & Alicia Lanier</i> <i>Re-alignment of activities</i>
Break	
3:00 pm – 4:00 pm	Facilitated Discussion/Workshop <i>Mazdak Arabi</i> <i>Research Collaboration & Project Mapping</i>
4:00 – 4:30 pm	Facilitated Discussion/Workshop <i>Mazdak Arabi</i> <i>Project website, Research Notes</i>
4:30 – 5:00 pm	Hands-On Workshops <i>Trello: Tyler Wible</i> <i>eRAMS: Mazdak Arabi</i>
5:00 pm – 5:30 pm	Wrap Up <i>Gary Pivo</i>

Dinner: 6:30 pm – 8:30 pm Group Dinner at Mazdak & Sybil's home

Agenda

UWIN Research Team Annual Meeting

August 4, 2016, a.m.

Focus on the progress of research activities

Colorado State University – Lory Student Center (LSC), Longs Peak Room

7:30 am – Noon

7:30 am – 8:00 am

Breakfast

8:00 am – 10:20 am

Thrust A: Understanding the Water System

Project A1-1: multi-scale, multi-model dynamical-probabilistic approach to quantifying vulnerability, resiliency and adaptability of US urban water systems to climatic and socio-economic variability
Jorge Ramirez, CSU

Project A1-2: Impacts of changes in climate, demographics, and urban form on water supply-demand equilibrium, economic growth, and social equity and equal opportunity
Elizabeth Mack, MSU

Project A2-1: Land-atmosphere-hydrosphere interactions in urban terrain
Elie Bou-Zeid, Princeton University

Project A2-2: Land-atmosphere-hydrosphere interactions: projecting future environmental change in urban areas
Matei Georgescu, ASU

Project A2-3: Assessing the thermal comfort implications of water-supported urban infrastructure at the human scale
David Hondula, ASU

Project A2-4: Assessment and design of innovative building systems and urban infrastructure to mediate impacts on the urban water cycle, heat island, and regional climate
Forrest Meggers, Princeton

Project A3-1: Continental Scale Variation in Urban Vegetation Biodiversity – Ecosystem Functioning
Darrel Jenerette, UC-riverside

Break

10:30 am – 12:10 pm

Thrust B: Technological Solutions

Project B1-1: Water management solutions to enhance capacity for use of alternative water sources
Sybil Sharvelle, CSU

Project B1-2: Spatially- and temporally-informed life-cycle assessment of urban water systems
Jennifer Stokes, UC-Berkley

Project B2-1: Comparative impact of Green Infrastructure impact across UWIN Urban Systems
Tom Meixner, UA

Project B2-2a: Flood hydrology and rainfall frequency
Jim Smith, Princeton University

Project B2-2b: Hydrology and hydraulics of urban floodplains
Brian Bledsoe, University o Georgia

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UWIN Research Team Annual Meeting

August 4, 2016, p.m.

Focus on how research efforts fit into the blueprint

Colorado State University – Lory Student Center (LSC), Longs Peak Room

Noon – 5:30 p.m.

12:10 pm – 1:30 pm **Lunch & Affinity Group Meetings**

1:30 pm – 2:30 pm **Thrust C: From knowledge to action**

C1-1: Understanding the Adoption of Sustainable Water Solutions

Adam Henry & Gary Pivo, UA

C2-1: Using dynamic information acceleration to understand and forecast homeowner adoption of new technologies for sustainable water management

Jessica Bolson, FIU

C3-1 SEEJ: Sustainable water solutions and social justice/equity implications

Sharon Harlan, Northeastern University

Break

2:45 pm – 3:45 pm **Thrust D: Integration and Decision Making**

D1-1: UWIN Envision Modeling of Present and Future Values for Sustainable Water Management Blueprint Indicators

Roy Haggerty, OSU

D1-2: Cross-site comparisons and contrasts across ecohydrologic regions

Tyler Wible, Mahshid Ghanbari and Tyler Dell, CSU

D1-3: UWIN decision innovation system

Alex Mass and Andre Dozier, CSU

Break

4:00 pm – 5:30pm **Discussion**
Research Connections

Dinner: 6:30 pm – 8:30 pm in Old Town

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UWIN Research Team Annual Meeting

August 5, 2016

Focus on project management & external advisory committee meeting

Colorado State University – Lory Student Center (LSC), Longs Peak Room

7:30 am – Noon

7:30 am – 8:30 am	Breakfast & Affinity Group Meetings
8:30 am – 9:30 am	Project Management Plan <i>Roles and Responsibilities</i>
8:30 am – 10:00 am	External Advisory Committee Meeting <i>Separate session</i>
9:30 am – 10:15 am	Project Management Tools <i>Monthly Thrust level meetings</i> <i>Bi-weekly seminars</i> <i>Research digest notes</i>
Break	
10:30am – 11:00 am	External Advisory Committee Report
11:00 am – 11:30 am	Partners and Collaborations
11:30 am – Noon	Final Wrap Up
