

**Eurasian Hydroclimatology:  
observations, change, attribution, and impacts**

*November 12-14, 2007  
International Arctic Research Center  
Fairbanks, Alaska*

**MONDAY, November 12, Room 401**

*7:30-8:30 Breakfast (provided)*

8:30-9:00 Introductions and overall goals stated (summarize trends, attribute to mechanisms where possible, describe or project impacts). Weather & aurora forecast.

9:00-10:30 Overview presentations (focus on observations and challenges to measurement):

9:00-9:25 Pasha Groisman (NCDC) - NEESPI

9:30-9:55 Stephen Déry (UNBC) - overview on arctic rivers

10:00-10:25 Michael Rawlins (UNH) - precipitation uncertainties

*10:30-10:45 Coffee break (provided)*

10:45-12:30 Observational presentations continued

10:45-11:10 Tamlin Pavelsky (UCLA) - precipitation and rivers

11:15-11:40 Marco Tedesco (UMBC/NASA) - remote sensing perspectives on change

11:45-12:10 Guido Grosse (UAF) - changes in frozen ground

12:15-12:40 Vladimir Romanovsky (UAF) on mechanisms for ground temperature change

*12:45-1:45 Lunch (provided) and poster session*

1:45-2:45 Observational presentations continued

1:45-2:10 Sveta Berezovskaya (UAF) on runoff variability in the largest Siberian rivers

2:15-2:40 Hengchun Ye (Cal State LA) on changes in precip types, impacts

2:45-2:55 Introduction to working groups and goals described (focus on observational trends, their biases and inhomogeneities)

3:00-4:15 Working groups

4:15-4:30 Snacks (provided)

4:30-5:15 Plenary discussion

*Dinner on your own*

Suggestions: gather some colleagues, rent a car, head out to Chena Hot Springs for dinner and hot springs; or cozy up to the fireplace in the Princess lounge with wireless and an Alaskan Amber

**TUESDAY, November 13, Room 401**

7:30-8:30 Breakfast (provided)

8:30-8:45 Introduction and plenary discussion, goals for working groups stated (focus on mechanisms and attribution). Weather and aurora forecast update.

8:45-10:15 Presentations related to mechanisms and attribution

8:45-9:10 Adam Wolf (Stanford) on major hypotheses in basin-scale hydrologic change

9:15-9:40 Alexander Georgiadi (RAS, Moscow) - recent and projected river runoff changes in permafrost regions of Eastern Siberia

9:45-10:10 Xiangdong Zhang (UAF) on atmospheric circulation attribution

10:15-10:30 Coffee break (provided)

10:30-12:30 Presentations related to mechanisms and attribution

10:15-10:40 Daqing Yang (UAF) - permafrost distribution and runoff regimes

10:45-11:10 Kenji Yoshikawa - Lena River permafrost study

11:15-11:40 Judah Cohen (AER) - land surface forcings on the stratosphere

11:45-12:10 Open (Biology talk??)

12:15-12:30 Poster Pitches (Jenny Adam, Uma Bhatt, Dima Nikolsky, Vlad Alexeev, Matt Barlow, others)

12:30-1:30 Lunch (provided) and poster session

1:30-2:30 Presentations related to mechanisms and attribution

1:30-1:55 Kazuyuki Saito (UAF) - future changes in the arctic hydroclimate

2:00-2:25 Asa Rennermalm (Princeton) - feedback of arctic changes on global climate

2:30-2:40 Introduction to working groups and goals described

2:45-4:00 Working groups: Rooms 417, 407, 319 and 501

4:00-4:15 Snacks (provided)

4:15-5:15 Plenary - discussion of impacts of hydroclimate changes on humans and ecosystems

*Dinner at the Silver Gulch Brew Pub in Fox*

**WEDNESDAY, November 14, Room 401**

*7:30-8:30 Breakfast (provided)*

8:30-10:00 Final presentations from working groups - continue impacts of hydroclimate changes

8:30-8:55 Jessie Cherry (UAF) - human impacts of hydroclimatological change

9:00-9:15 Breakout Group I

9:20-9:35 Breakout Group II

9:40-9:55 Breakout Group III

*10:00-10:15 Coffee break (provided)*

10:15-10:40 Nikolai Romanovsky (Moscow State Univ) - Closing talk  
Historical perspective in observation

10:45-11:45 Focused discussion, plan for meeting report/publication

11:45-12:00 Closing comments

*12:00-1:00 Lunch (provided)*

Stay and visit scientists at UAF or travel home

**Things to do while in Fairbanks:**

- Check out UAF's Museum of the North - \$10
- Cross country ski on the trails next to IARC. Take the shuttle to Wood Center and rent skis, poles and boots (10am-5pm M-F) - \$8.00
- Rent snow shoes and use the walking trails - \$5.00
- Workout at the Student Recreation Center -\$7.00
- Book a dog mushing tour 479-5090 [sleddogadventures.com](http://sleddogadventures.com)
- Watch the aurora – FREE!