

September 18-20, 2011  
Flagstaff, Arizona

Arizona Hydrological Society  
24th Annual Symposium

## Watersheds Near and Far: Response to Changes in Climate and Landscape

### 2011 AHS Symposium Program at a Glance

Sunday, September 18, 2011 – Registration, Field Trip, Exhibits, and Icebreaker		Location
8:00 am - 5:00 pm	Schultz Fire & Flood Field Trip, lunch and refreshments provided	HCCC Lobby
12:00 pm - 5:00 pm	Exhibitor set-up	Main Hall
12:00 pm - 5:00 pm	Poster set-up	Humphreys
6:00 pm - 8:00 pm	<b>Registration, Exhibits &amp; Icebreaker</b>	Main Hall
Monday, September 19, 2011 – Registration, Plenary & Technical Sessions, and Exhibits		Location
6:00 am - 8:00 am	<b>Registration, Exhibits &amp; Posters, Breakfast 6:00 am to 8:00 am</b>	Main Hall & Humphreys
8:00 am - 8:30 am	<i>Welcome - Hon. Sara Presler (Mayor, City of Flagstaff) and Laura Huenneke (NAU Vice President of Research)</i>	Humphreys
8:30 am - 9:15 am	<i>Plenary Session Guest Talk 1 - Paul Miller (USBR), Guest Speaker</i>	Humphreys
9:30 am - 10:15 am	<i>Plenary Session Guest Talk 2 - David Brown (Brown &amp; Brown Law Offices), Guest Speaker</i>	Humphreys
10:15 am - 10:30 am	<b>Exhibits, Posters &amp; Break</b>	Main Hall & Humphreys
10:30 am - 12:10 pm	<i>Schultz Fire Drainage I (Moderator - Dana Downs-Heimes)</i>	Agassiz
10:30 am - 12:10 pm	<i>Watersheds/Drought/Restoration (Moderator - Floyd Marsh)</i>	Fremont
10:30 am - 12:10 pm	<i>Water Supply (Moderator - Donald Bills)</i>	Doyle
10:30 am - 12:10 pm	<i>Water Chemistry/Quality I (Moderator - Robert Hart)</i>	Rees
12:15 pm - 1:30 pm	<b>Lunch: Grady Gammage, Jr., (Senior Fellow, Morrison Institute, ASU; Attorney with Gammage &amp; Burnham), Guest Speaker</b>	Humphreys
1:30 pm - 3:10 pm	<i>Schultz Fire Drainage II (Moderator - Dana Downs-Heimes)</i>	Agassiz
1:30 pm - 3:10 pm	<i>Watershed/Climate Modeling (Moderator - Ed McGavock)</i>	Fremont
1:30 pm - 3:10 pm	<i>Numerical Modeling I (Moderator - Abe Springer)</i>	Doyle
1:30 pm - 3:10 pm	<i>Water Chemistry/Quality II (Moderator - Robert Hart)</i>	Rees
3:15 pm - 3:30 pm	<b>Exhibits, Posters &amp; Break</b>	Main Hall & Humphreys
3:30 pm - 4:50 pm	<i>Geophysical Investigations (Moderator - Jamie Macy)</i>	Agassiz
3:30 pm - 4:50 pm	<i>Climate Change and Watershed Management (Moderator - Bradley Garner)</i>	Fremont
3:30 pm - 4:50 pm	<i>Numerical Modeling II (Moderator - Abe Springer)</i>	Doyle
3:30 pm - 4:50 pm	NONE	Rees
5:00 pm - 6:30 pm	Shuttle leaves every 15-20 minutes from Drury Inn to Arizona Snowbowl's <b>Hart Prairie Lodge</b> (elevation = 9,300 feet)	Drury Inn
5:45 pm - 6:30 pm	<b>ANNUAL AHS MEMBERSHIP MEETING</b> (deck at Hart Prairie Lodge)	Arizona Snowbowl
5:30 pm - 9:30 pm	Cash bar at Arizona Snowbowl, keg beer (free while it lasts), and house wine	Arizona Snowbowl
6:00 pm - 9:00 pm	<b>Dinner and Entertainment - The Knockabouts with a break for Dinner at 6:45 pm</b>	Arizona Snowbowl
8:00 pm - 9:30 pm	Return shuttle to Drury Inn leaving every 15-20 minutes	Drury Inn
Tuesday, September 20, 2011 – Registration, Plenary & Technical Sessions, Exhibits, Field Trip, and Workshop		Location
6:00 am - 08:15 am	<b>Registration, Exhibits &amp; Posters, Breakfast 6:00 am to 8:00 am</b>	Main Hall & Humphreys
8:15 am - 9:30 am	<i>Plenary Session Guest Talk 3 – Dan Neary (USFS Rocky Mountain Research Station), Guest Speaker</i>	Humphreys
9:30 am - 9:45 am	<b>Exhibits, Posters &amp; Break</b>	Main Hall & Humphreys
9:45 am - 11:25 am	<i>Groundwater Recharge and Replenishment (Moderator - Ted Lehman)</i>	Agassiz
9:45 am - 11:25 am	<i>Paleohydrology and Sedimentary Environments (Moderator - Nancy Hornewer)</i>	Fremont
9:45 am - 11:25 am	<i>Alternative Approaches for Water Supplies (Moderator - Greg Bushner)</i>	Doyle
9:45 am - 11:25 am	NONE	Rees
11:30 pm - 12:30 pm	<b>Lunch: AHS Awards, CAP Awards, Scholarship Awards, Lifetime Achievement Award</b>	Humphreys
1:00 pm - 5:00 pm	<i>Beaver Creek Field Trip</i> lead by Dr. Aregai Teclé & Dr. Abe Springer, refreshments provided	HCCC Lobby
1:30 pm - 5:00 pm	Workshop - <i>Making Sense of Nondetects and Data Analysis</i> lead by Dr. Dennis Helsel (Practical Stats)	Agassiz