

**SAHRA THIRD ANNUAL MEETING**  
October 15-17, 2003  
Inn Suites, 475 N. Granada, Tucson, Arizona 85701

**SCOPE AND PURPOSE OF THE MEETING**

SAHRA has a dual mission: to identify and create new stakeholder-relevant understanding of semi-arid hydrology, and to educate and work with public and private agencies to encourage application of that understanding to improve the management of water resources and public policy. The agenda for this year's Annual General Meeting reflects SAHRA's now clearer understanding of our mission and, during the meeting, we will seek to optimize the way we deploy our talents and resources in focused pursuit of it.

In SAHRA, we have used our experience over the first three years to look forward and to specify three stakeholder-relevant questions that are not currently being adequately addressed but which we anticipate will become critical for the wise management of water resources in semi-arid regions, specifically:

1. What is the impact of vegetation change on basin scale water balances?
2. What are the cost and benefits of riparian restoration/preservation?
3. Are water markets or water banking feasible?

These are questions that can only be addressed by researchers operating in center-mode through the consistent deployment of integrated, multi-disciplinary science.

At the opening of our Third Annual General Meeting, we will take time to recall our mission and to recognize individuals who played a critical role in creating SAHRA. Then, through the presentation by Dr. Ghassem Asrar, Associate Administrator of NASA's Earth Science Enterprise, we will reflect on the wider context of the Earth System within which our research and our outreach to stakeholders operate. Subsequently on day one, we will structure the overview presentations of our on-going SAHRA science around the above three critical questions and, on days two and three, we will hold discussion sessions to investigate the extent to which our current Theme Area-organized science is addressing these questions and if and how we need to modify our research agenda more effectively to answer them.

On day one, we will also overview our current activities in knowledge transfer and education and make available the results of our ongoing research in the form of poster presentations by SAHRA-funded students. Later in the meeting, on day two, we will then concentrate on developing two important next steps in SAHRA's knowledge transfer and education program. Specifically, we will discuss how to extend our already successful activities in these two areas more widely across the southwestern US, and we will seek to identify creative ways to enhance beneficial interaction between students participating in SAHRA research distributed among our widespread participating institutions.

Professor Jim Shuttleworth, Director of SAHRA

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**MEETING AGENDA**

*Meetings and Posters are in the Grand Ballroom.*

<b>Wednesday 10/15</b>	8:00-8:30	Continental breakfast
<b>Plenary Day</b>	8:30-9:15	Introductions: <i>Jim Shuttleworth, Richard Powell</i> ( <i>Soroosh Sorooshian and Roger Bales reply</i> )
	9:15-10:15	Keynote talk on managing freshwater resources in the global context – <i>Ghassem Asrar</i>
	10:15-10:45	Break
	10:45-12:30	SAHRA Science: Improving Understanding of Semi-Arid Hydrology Introduction – <i>James Hogan</i> Riparian Areas – <i>David Goodrich</i> Supply and Demand – <i>Janie Chermak</i> Vegetation/Water Balance – <i>Fred Phillips</i>
	12:30-2:00	Lunch
	2:00-2:30	Invited Talk: “Connecting Science, Water Management and Decision-Making: Developing a Drought Plan” – <i>Kathy Jacobs</i>
	2:30-3:15	SAHRA Education & Knowledge Transfer – <i>Elizabeth Hancock, Gary Woodard</i>
	3:15-4:00	Poster Introductions – <i>Jim Washburne</i>
	4:00-7:00	Poster Session (refreshments available)
	5:30-7:00	Reception, poster session continues Dinner on own

<b>Thursday 10/16 Integration Planning/</b>	8:00-8:30	Continental breakfast
	8:30-9:15	<b>Introduction to Discussion and Planning Sessions:</b> Three Integrating Science Questions – <i>Hoshin Gupta, Jim Shuttleworth</i>
	9:15-10:30	<b>Discussion and Planning Session I:</b> Relationship of Integrated Modeling and Data to the Three Questions – <i>Moderators: Everett Springer, Hoshin Gupta</i>
	10:30-11:00	Break
	11:00-12:30	<b>Discussion and Planning Session II:</b> Relationship of Process Studies in the San Pedro and Gila Basins to the Three Questions – <i>Moderators: David Goodrich, David Brookshire</i>
	12:30-1:30	Lunch
	1:30-3:00	<b>Discussion and Planning Session III:</b> Expanding KT and Education Throughout the Center – <i>Moderators: Jim Washburne, Elizabeth Hancock, Gary Woodard</i>
	3:00-3:30	Break
	3:30-5:00	<b>Discussion and Planning Session IV:</b> Enhancing Integration & Coordination of the Student Experience – <i>Students from UA, UNM, NMT, UCI, UCLA, and other institutions</i>
6:30-9:00	Social dinner (at hotel)	
<b>Friday 10/17 Integration/ Planning</b>	8:00-8:30	Continental breakfast
	8:30-10:30	<b>Discussion and Planning Session V:</b> Relationship of Process Studies in the Rio Grande/Bravo/Conchos Basins to the Three Questions – <i>Moderators: Fred Phillips, Roger Bales</i>
	10:30-11:00	Break
	11:00-12:30	<b>Wrap-up:</b> Reviews of Planning Sessions and Final Discussion
	12:30-2:00	Lunch
	2:00	Adjourn