

Kenneth C. Nowak, M.S.

Center for Advanced Decision Support for Water and Environmental Systems (CADSWES)

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Education

Ph.D. University of Colorado, Civil Engineering, in progress

M.S. University of Colorado, Civil Engineering, 2008

B.S. Rensselaer Polytechnic Institute, Environmental Engineering, 2006

Experience

Graduate Research Assistant (2007-Present) University of Colorado/CADSWES, Boulder CO

- Stochastic techniques in hydrologic modeling
- Anthropogenic climate change and the Colorado River Basin

Graduate Teaching Assistant (2006-2007) University of Colorado, Boulder, CO

- Engineering hydraulics (CVEN 3323)
- Theory of fluid mechanics (CVEN 3313)

Laboratory Research Technician (2005-2006) Keck Water Research Lab, Darrin Freshwater Institute, Troy, NY

- Chemical analysis of water samples for a variety of analytes
- Sample collection and preservation

Professional Organizations

American Geophysical Union (AGU)

Conferences and Workshops Attended

Bureau of Reclamation Colorado River Hydrology Work Group, Boulder, CO, 2009

Las Vegas Wash Coordination Committee Meeting, Las Vegas, NV, 2009

University of Colorado Hydrosociences Symposium, Boulder, CO, 2009

Colorado State University Hydrology Days, Fort Collins, CO, 2009

Reconciling Colorado River Streamflow Projections, Las Vegas, NV, 2008

National Integrated Drought Information System (NIDIS) Scoping Workshop, NOAA, Boulder, CO, 2008

Riverware User Group Meeting, Boulder, CO, 2008

Colorado State University Hydrology Days, Fort Collins, CO, 2008

Presentations

Nowak, K. (2009), Progress Update, presented at Bureau of Reclamation Colorado River Hydrology Work Group Meeting, Boulder, CO, 2 June 2009.

Nowak, K. (2009), Water Supply Risk on the Colorado River: Can Management Mitigate?, presented at Las Vegas Wash Coordination Committee Meeting, Las Vegas, NV, 28 April 2009.

Nowak, K. (2009), Water Supply Risk on the Colorado River: Can Management Mitigate?, presented at University of Colorado Hydrosciences Symposium, Boulder, CO, 3 April 2009.

Nowak, K. (2009), Nonparametric Daily Disaggregation of Annual Streamflow Values, presented at Colorado State University Hydrology Days, Fort Collins, CO, 25 March 2009.

Publications

Barsugli, J. J., et al. (2009), Comment on "When Will Lake Mead Go Dry?" *Water Resources Research*, In Review.

Rajagopalan, B., et al. (2009), Water Supply Risk on the Colorado River: Can Management Mitigate?, *Water Resources Research*.

Nowak, K. (2008), Stochastic Flow Sequence Generation and Aspinall Unit Operations, University of Colorado, Boulder.

Prairie, J., et al. (2008), A stochastic nonparametric approach for streamflow generation combining observational and paleoreconstructed data, *Water Resources Research*, 44.