

**Workshop**  
**Impacts of Decade-long Drought and Wet Periods on Urban Water Security**  
**in the Missouri River Basin**

Lincoln, Nebraska  
16-17 November 2010

**Day 1: 16 November**

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| 8:00 – 8:30 AM  | Registration, coffee, and rolls   |
| 8:30 – 9:00     | Welcome<br><b>Vikram Mehta (CRCES), Norm Rosenberg (CRCES), Cody Knutson (NDMC), Rolf Olsen (USACE)</b>   |
| 9:00 – 9:30     | Workshop and DCV Overview<br><b>Cody Knutson and Nicole Wall (NDMC), Vikram Mehta (CRCES)</b>   |
| 9:30 – 10:00    | Participant Introductions<br><b>Nicole Wall (NDMC)</b>  |
| 10:00 – 10:15   | Break   |
| 10:15 – 10:45   | Recollections of the 1980s drought, the 1990s wet period, and the 2000s drought on the Missouri River system<br><b>Rolf Olsen (USACE)</b>   |
| 10:45 – 12:00   | Stakeholder recollections: Effects of the late 1980s drought, 1990s wet period, and 2000s drought on urban water security   |
| 12:00 – 1:00 PM | Lunch   |
| 1:00 – 1:40     | Causes of the 1980s drought, the 1990s wet period, and the 2000s drought: Retrospective outlooks of decadal climate and its impacts on water in the Missouri River Basin<br><b>Vikram Mehta (CRCES)</b> |
| 1:40 – 2:00     | Global warming and its impacts on the Missouri River Basin<br><b>Norman Rosenberg (CRCES)</b>   |
| 2:00 – 2:15     | Break   |
| 2:15 – 2:45     | Discussion: Comparing historical scenarios to stakeholder memories<br><b>Nicole Wall, Tonya Bernadt, and Cody Knutson (NDMC)</b>  |
| 2:45 – 3:00     | Discussion: Documenting DCV effects on urban water supply and demand<br><b>Cody Knutson (NDMC) and Vikram Mehta (CRCES)</b>   |

- 3:00 – 4:00 Discussion: How decadal outlooks can help urban water stakeholders in decision making  
**The Project Team**
- 4:00 – 4:15 Summary of the day and adjourn  
**Cody Knutson (NDMC)**
- 5:00 – 6:00 Social hour at Lazlo’s Brewery and Grill or free time
- 6:00 – Dinner at Lazlo’s Brewery and Grill

**Day 2: 17 November**

- 8:15 – 8:30 AM Coffee and Rolls
- 8:30 – 8:45 Summary of the previous day’s proceedings  
**Cody Knutson (NDMC) and Vikram Mehta (CRCES)**
- 8:45 – 9:15 An overview of NOAA’s Climate Services  
**Doug Kluck (NOAA)**
- 9:15 – 10:00 Potential for developing future decadal climate outlooks  
**Vikram Mehta (CRCES)**
- 10:00 – 10:15 Break
- 10:15 – 12:00 World Café: Discussion on DCV Outlooks  
**The Project Team**
- 12:00 – 12:15 PM Brief summary of the workshop proceedings  
**Nicole Wall and Cody Knutson (NDMC), Vikram Mehta (CRCES)**  
End of the workshop