8th Annual J. Paul Riley AWRA-Utah Section
Student Conference and Paper Competition
Eccles Conference Center, Utah State University
April 10, 2013

12:20 Welcome and Conference Introduction
Darwin Sorensen, AWRA-Utah, Executive Committee Member for Student Affairs

UNDERGRADUATE STUDENT PRESENTATION

12:30 Development of Sub-Seasonal Remote Sensing Chlorophyll Detection Models, Carly A. Hansen, K. Munson, Z. Adjei, and N. Swain, Brigham Young University

GRADUATE STUDENT (Masters/Professional Category) PRESENTATIONS

12:50 Temporal Expansion of Clean Water Act Section 404(c) Authority: Can the EPA Retroactively Protect Our Nations Water from Mountain Top Coal Mining? Jason D. Steiert, University of Utah

1:10 Phosphorus Mobility in the Shallow, Unconfined Aquifer at Pineview Reservoir, Christine Rumsey, Utah State University

1:30 ------------ Break -------------

GRADUATE STUDENT (Ph.D. Category) PRESENTATIONS

1:45 A Hydrologic Analysis of a Decentralized Municipal Rainwater Harvesting Program Targeting Watershed-Scale Stormwater Runoff Volume and Rate Reductions, Thomas Walsh, University of Utah

2:05 A Comparative Study of Two Geochemical Modeling Simulators for CO2 Sequestration, Vivek Patil, University of Utah

2:25 Integrated Runoff Simulation Considering Uncertainty Associated With Rainfall Runoff Model's Parameters and Structure, Zahra Zahmatkesh, University of Utah

2:45 Stormwater Green Infrastructure as No-Irrigation Landscaping Alternative in a Semi-Arid Climate, Dasch Houdeshel, University of Utah

3:05 Anaerobic Co-digestion of Algal Biomass and a High Carbon Source Material to Produce Methane, Yousef Soboh, Utah State University

3:30 ------------ Break / Evaluator’s Retreat ------------

4:00 Presentation of Awards and Closing Remarks, J. Paul Riley, Past President of AWRA