**A Multi-Sensor Evaluation of Precipitation Uncertainty for Landslide-Triggering Storm Events**

**Pre-landslide Precipitation Comparison**

Elsa Culler 1,2, Andrew Badger 3,4, J. Toby Minear 1, Kristy Tiampo 1,5, Spencer D. Zeigler 5, and Ben Livneh 2,1

1 Cooperative Institute for Research in Environmental Science (CIRES), University of Colorado Boulder, Boulder, CO 80309, USA

2 Department of Civil, Environmental, and Architectural Engineering, University of Colorado Boulder, Boulder, CO 80309, USA

3 Universities Space Research Association, Columbia, MD, 21046 USA

4 Hydrological Sciences Laboratory, NASA Goddard Space Flight Center, Greenbelt, MD, 20771 USA

5 Department of Geological Sciences, University of Colorado Boulder, Boulder, CO 80309, USA

**Corresponding Author**: Elsa Culler, 216 UCB, University of Colorado Boulder campus, Boulder, CO 80309, [elsa.culler@colorado.edu](mailto:elsa.culler@colorado.edu)

This work was funded by NASA IDS grant 16-IDS16-0075, The Interaction of Mass Movements with Natural Hazards Under Changing Hydrologic Conditions.