

# COLORADO GEOLOGICAL SURVEY

## Open-file Report OF-14-02

### **Foothill and Mountainous Regions in Boulder County, Colorado that may be Susceptible to Earth and Debris/Mud Flows During Extreme Precipitation Events**

#### **HOW TO USE THIS ZIP FILE**

To open the compressed (.zip) file that you downloaded, double-click on the file. Inside the folder labeled **OF-14-02**, there are a number of files and folders. Some files are stored in Adobe Portable Document (.pdf) format. Geographic Information Systems (GIS) data are also included. These data are in ESRI's Shapefile and Geodatabase format.

#### **HOW TO IDENTIFY AND READ FILES**

##### **REPORT DOCUMENTS**

- **OF-14-02-Read\_Me.pdf**  
*This file*
- **OF-14-02 Boulder County Debris Flow Report.pdf**  
*Includes Introduction, Methodology, and References*
- **OF-14-02 Boulder County Debris Flow Map.pdf**
- **GIS\_Data folder**  
*Contains GIS Shapefiles*

##### **To view .pdf files**

If you don't already have Adobe Reader installed on your device, visit <https://get.adobe.com/reader/> to download a free version of the software. Then, start Adobe Reader and choose "File," "Open," and locate the .pdf files where you downloaded them, they will open in Adobe Reader.

##### **To view GIS files**

GIS files may be viewed using Geographic Information Systems software packages such as ESRI's ArcGIS platform. Alternatively, these files may be viewed using QGIS, a free and open-source GIS software package, available for download at <https://qgis.com>. Shapefiles are located in the GIS\_Data folder and can be viewed with most GIS software packages. Metadata is associated with the Shapefiles and is best viewed using the Metadata tab in ESRI's ArcCatalog.

For further information or assistance visit or call the Colorado Geological Survey at:

**Colorado Geological Survey / Colorado School of Mines**  
**1801 19th Street, Golden, CO 80401**  
**(303) 384-2655 / [CGS\\_Pubs@mines.edu](mailto:CGS_Pubs@mines.edu)**  
**<http://coloradogeologicalsurvey.org/>**



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