

# Update on the Geologic Maps Foundation's (GMF) efforts from 2017 - 2018 (as of 01Mar 2018) Most recent listed first

Submitted comments to DOGGR (Division of Oil, Gas, & Geothermal Resources, California Department of Conservation) on February 27, 2018, RE: Public Comments to Modifications to Requirements for California Underground Gas Storage Projects..... 1726.3. (Risk Management Plans).....

[GMF Comment on DOGGR Modifications to UGS Regulations](#)

Debris Flow Facts & Safety Following the Thomas Fire & Montecito Debris Flows, Southern California:

[Debris Flow Facts & Safety Following the Thomas Fire & Montecito Debris Flows](#)

Debris Flow Facts & Safety in Ventura: Debris flow safety summary in response to Thomas Fire's impact on the Ventura hillsides: [Debris Flow Facts & Safety in Ventura](#)

## Aliso Canyon Gas Storage Field, site of the largest methane leak in US history, and the fault hazard:

- 1) **Capstone publication for 2017:** Article in the journal **Science** discussing the Santa Susana fault hazard at the field and quality of scientific effort:  
[http://geologicmapsfoundation.org/resources/Science\\_3Nov2017\\_EvaluatingFaultLinesinAliso\\_v358\\_issue6363\\_p601.pdf](http://geologicmapsfoundation.org/resources/Science_3Nov2017_EvaluatingFaultLinesinAliso_v358_issue6363_p601.pdf)
- 2) OpEd in LA Daily News discussing fault hazard at field and quality of scientific effort:  
[http://geologicmapsfoundation.org/resources/OpEd\\_LA\\_Daily\\_News\\_06Aug2017.pdf](http://geologicmapsfoundation.org/resources/OpEd_LA_Daily_News_06Aug2017.pdf)
- 3) Presentations given to three professional geologic societies, Fault displacement hazards at Aliso Canyon and Honor Rancho natural gas storage fields, southern California:
  - 9/11/2017, South Coast Geological Society, Santa Ana, CA,  
[http://southcoastgeo.org/?page\\_id=12](http://southcoastgeo.org/?page_id=12)
  - 10/17/2017, Coast Geological Society, Ventura, CA,  
<http://www.coastgeologicalsociety.org/home.html>  
<https://www.facebook.com/coastgeologicalsociety/>
  - 11/14/2017, San Joaquin Geological Society, Bakersfield, CA,  
<http://sanjoaquingeologicalsociety.org/current-abstract/>
- 4) Comments to DOGGR (Division of Oil, Gas, & Geothermal Resources, California Department of Conservation) regarding Supplement to SoCalGas' Storage Risk Management Plan #2, (10/11/2016), and shown as Attachment B to Letter from Southern California Gas to DOGGR and CPUC, dated November 1, 2016,  
[http://geologicmapsfoundation.org/resources/GMF\\_Comment\\_to\\_Risk\\_Mgmt\\_Plan\\_2\\_06Feb2017\\_Final.pdf](http://geologicmapsfoundation.org/resources/GMF_Comment_to_Risk_Mgmt_Plan_2_06Feb2017_Final.pdf)
- 5) Comments to PHMSA (Pipeline and Hazard Materials Safety Administration, U.S. Department of Transportation) on the Interim Final Rules (IFR) for interstate and intrastate gas storage fields: Inclusion of the earthquake fault displacement hazard and risk management into IFR, dated February 8, 2017,  
[http://geologicmapsfoundation.org/resources/Comments\\_to\\_IFR\\_08Feb2017.pdf](http://geologicmapsfoundation.org/resources/Comments_to_IFR_08Feb2017.pdf)

## Rohingya Refugee Crisis:

- 1) Provided GIS geologic mapping of Chittagong Hills, Bangladesh to Groundwater Relief (<http://groundwater-relief.org/>) for providing clean water at 3 refugee camps in Ukhiya and Teknaf Peninsula area of Bangladesh.

## Active Fund Raiser for GMF:

- 1) Introductory field geology of the Eastern Mojave Desert and Mitchell Caverns, 3:00 PM, Friday, December 8, 2017 to 11:00 PM, Sunday, December 10, 2017. No prior geologic knowledge is required. Donation of \$250.00/participant using a personal vehicle, or \$350.00/participant using provided van transport. For more information email: [geologicmapsfoundation@gmail.com](mailto:geologicmapsfoundation@gmail.com)

**Field Trips:** The Geologic Maps Foundation sponsored and led seven professional society field trips in 2016-2018:

- 1) Geologic field trip to the Mojave National Preserve, California, 2016:  
<http://geologicmapsfoundation.org/resources/Geology%20of%20the%20Mojave%20National%20Desert%20Preserve%2023Sept2016.pdf>
- 2) Structural Geology and Oil Field Traps of the Western and Southern Margins of the San Joaquin Basin, California, 2016:  
<http://geologicmapsfoundation.org/resources/PS%20AAPG%202016%20Structure%20of%20WSSJB%20guidebook.pdf>
- 3) Structural transect along Highway 33, Ventura to the Cuyama Badlands, California (April 2, 2017):  
[http://geologicmapsfoundation.org/resources/Structural\\_transect\\_along\\_Highway\\_33-02Apr2017\\_final.pdf](http://geologicmapsfoundation.org/resources/Structural_transect_along_Highway_33-02Apr2017_final.pdf)
- 4) Santa Rosa Island Geology Field Trip (August, 2017):  
<http://geologicmapsfoundation.org/trips-santarosaisland-82017.html>
- 5) Geologic field trip to the Eastern Mojave Desert, California (October, 2017)
- 6) Santa Cruz Island Geology Field Trip (November, 2017)
- 7) Death Valley (February 1-5, 2018)

Please share our efforts with any interested party or organization.

Much appreciated,

Thom

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