

Update on the Geologic Maps Foundation's (GMF) efforts during 2017 (as of 11/20/2017)

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

- 1) 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
- 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
- 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
 - 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_Management_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

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 Ukhia 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. \$350/person (more info attached).

Please share our efforts with any interested party or organization.

Much appreciated,

Thom

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