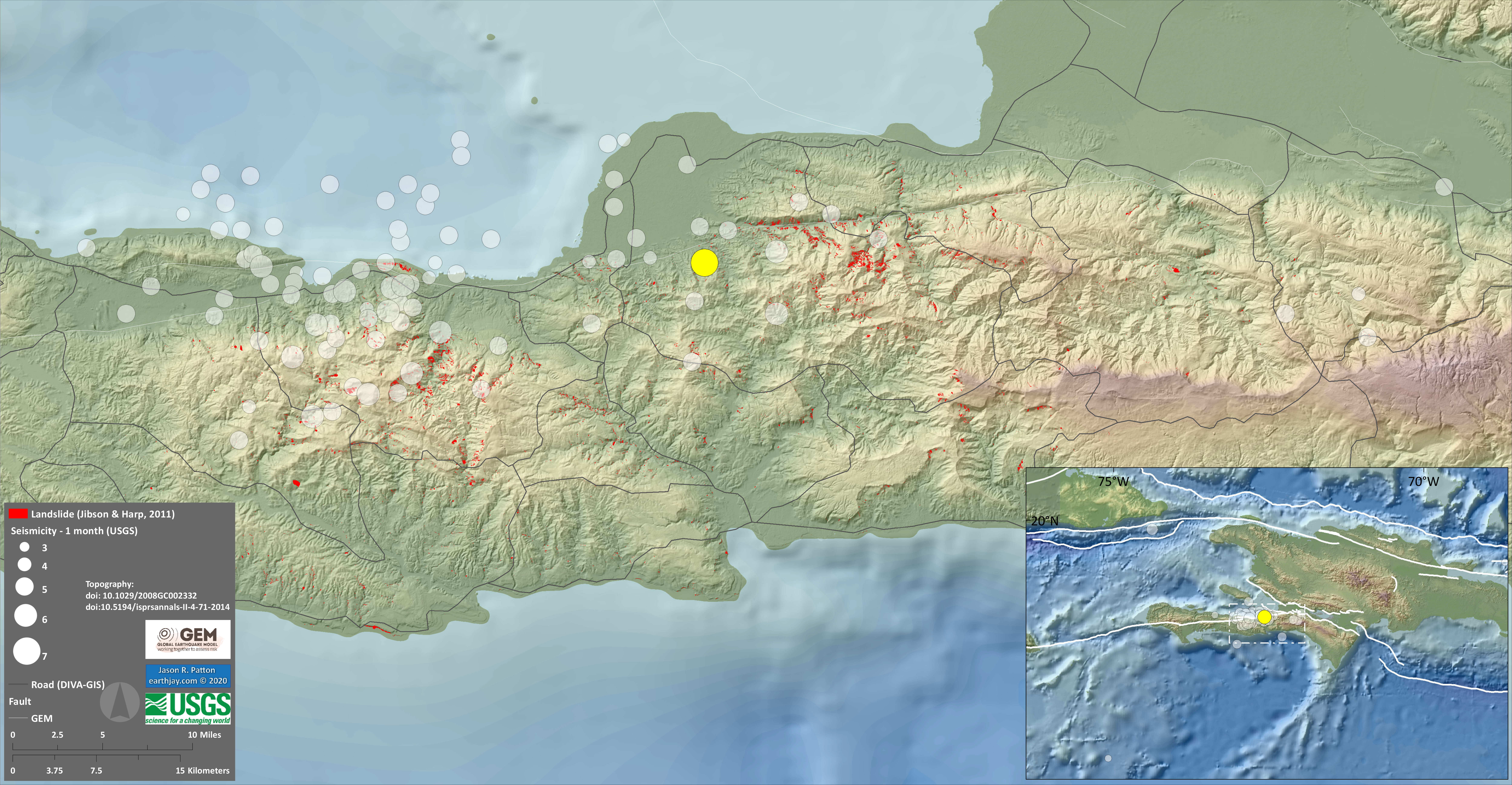


2010.01.12 M 7.0 Haiti - Earthquake Triggered Landslides (USGS)

SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	1	2-3	4	5	6	7	8	9	10+



Landslide (Jibson & Harp, 2011)

Seismicity - 1 month (USGS)

3

4

5

6

7

Topography:
doi: 10.1029/2008GC002332
doi:10.5194/isprsannals-II-4-71-2014

GEM

GLOBAL EARTHQUAKE MODEL

working together to assess risk

Jason R. Patton

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USGS

science for a changing world

Road (DIVA-GIS)

Fault

GEM

0

2.5

5

10 Miles

0

3.75

7.5

15 Kilometers

The inset map shows the location of Haiti in the Caribbean region, with latitude and longitude markers. The map includes a legend for seismicity, topography, roads, and faults. The inset map shows the location of Haiti in the Caribbean region, with latitude and longitude markers.