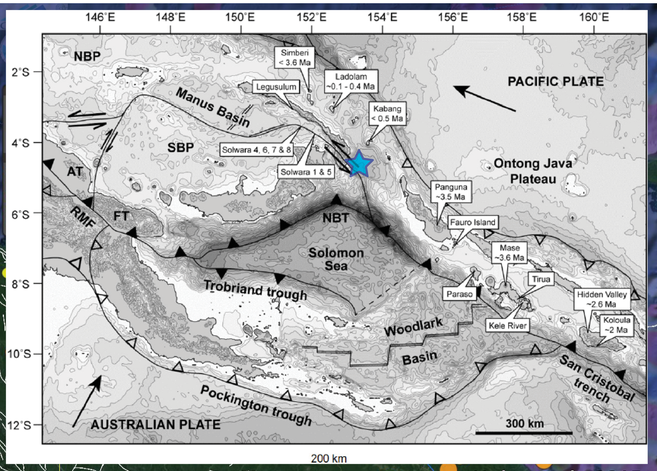
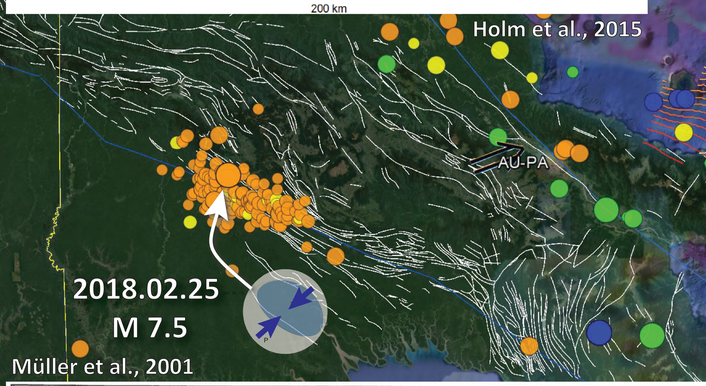
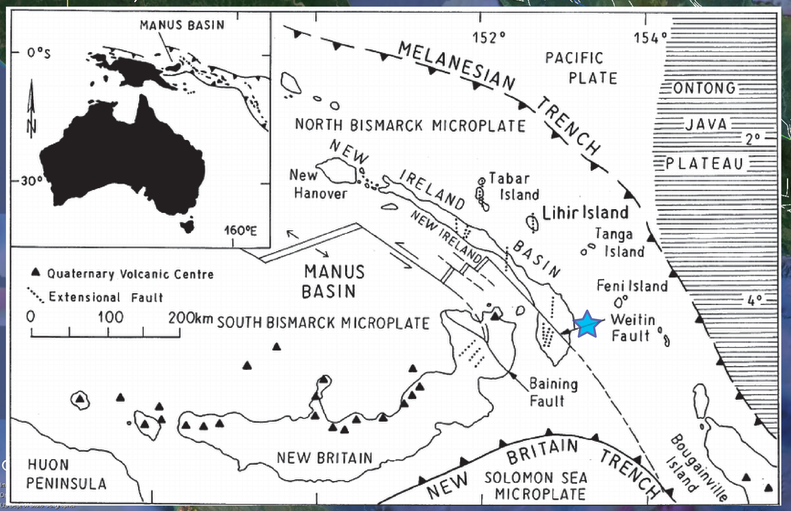
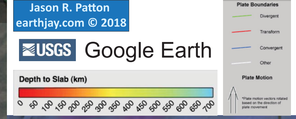
Earthquake Report: 2018.03.08
M 6.8 New Ireland (& USGS Seismicity 1918-2018 M ≥ 6.5)

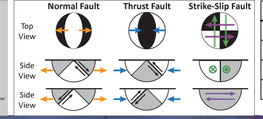






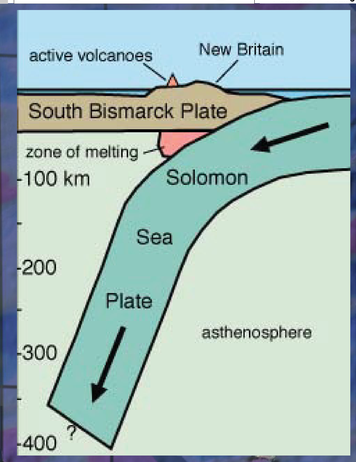


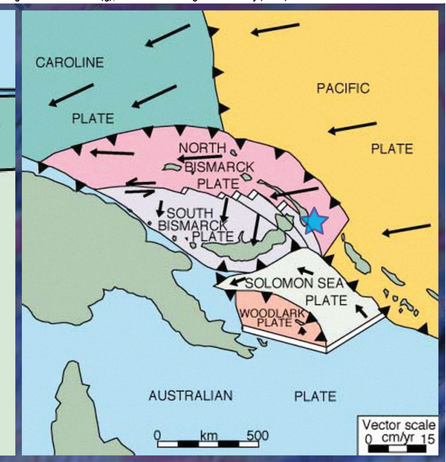




INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Damage	None	None	None	Very slight	Light	Moderate	Moderate/ heavy	Heavy	Very heavy
Peak Acc	<0.17	0.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
Peak Vel	<0.1	0.1- 1.1	1.1- 3.4	3.4- 8.1	8.1- 16	16 - 31	31 - 60	60-116	>116

Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)





Oregon State University

Pacific plate

N. Bismarck plate

S. Bismarck plate

1982.08.12
M 6.5

2000.11.16
M 8.0

2000.11.16
M 7.8

2018.03.08
M 6.8

1971.07.26
M 8.1

1971.07.14
M 8.0

SS-PA

AU-PA

New Britain trench

Solomon Sea plate

Woodlark plate

S. Solomon trench

Australia plate

200 km

N

USGS