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Electronic Supplementary Material

This supplementary material has not been peer reviewed.

Title: Socio-economic vulnerability to climate change in the central mountainous region of eastern Mexico

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Table S1. Localities, geographic data, population density, marginalization level, marginalization index, level of human development, and human development index for the 57 municipalities of the Region of the Great Mountains, Veracruz, Mexico (Data from 2010; Veracruz State Government, retrieved 15 July, 2014).

Municipality	Localities		Surface (km ²)	Percentage of state territory (%)	Population density (inhabitants/km ²)	Marginalization level	Marginalization index	Level of human development	Human development index
	Urban	Rural							
Acultzingo	1	38	167.9	0.2	124.9	High	0.5412	Medium	0.7218
Alpatláhuac	0	38	71	0.1	136.4	Very High	1.1665	Medium	0.6532
Amatlán de los Reyes	4	72	151.1	0.2	279.8	Medium	-0.2780	Medium	0.7847
Aquila	0	6	20.6	< 0.1	87.1	Very High	1.5558	Medium	0.6306
Astacinga	0	26	38.6	0.1	155.3	Very High	1.4120	Medium	0.6116
Atlahuilco	0	36	62.1	0.1	158.1	Very High	1.9712	Medium	0.6379
Atoyac	2	73	122.7	0.2	187.4	Medium	-0.5482	High	0.8023
Atzacan	2	14	65.2	0.1	307.9	High	0.3571	Medium	0.7079
Carrillo Puerto	0	96	249.2	0.3	65.5	High	0.8307	Medium	0.7011
Camarón de Tejada	0	30	125.8	0.2	49.5	High	0.0760	Medium	0.7531
Calchualco	0	33	134.2	0.2	96.3	Very High	1.5070	Medium	0.6189
Camerino Z. Mendoza	2	3	21.5	< 0.1	1,941.4	Low	-1.0401	High	0.8203
Coetzala	0	5	9.5	< 0.1	226.9	High	1.0335	Medium	0.6789
Comapa	1	66	311.8	0.4	60.0	High	1.0098	Medium	0.6853
Córdoba	5	91	159.9	0.2	1,229.2	Low	-1.1793	High	0.8370

Coscomatepec	3	59	157.7	0.2	333.1	High	0.7509	Medium	0.6714
Cuichapa	2	19	34.7	< 0.1	335.6	Medium	-0.1428	Medium	0.7625
Cuitláhuac	1	73	150.2	0.2	174.9	Medium	-0.5424	Medium	0.7943
Chocamán	2	17	44.4	0.1	418.6	High	0.2492	Medium	0.7062
Fortín	4	57	61.6	0.1	970.1	Low	-1.0758	High	0.8459
Huatusco	1	70	202.5	0.3	269.5	Medium	-0.2458	Medium	0.7599
Huiloapan de Cauhtémoc	1	4	18.7	< 0.1	361.7	Medium	-0.5409	Medium	0.7945
Ixhuatlán del Café	2	29	129.5	0.2	165.3	High	0.5655	Medium	0.7069
Ixhuatlancillo	3	16	52.6	0.1	402.4	High	0.1246	Medium	0.7362
Ixtaczoquitlán	7	55	137.4	0.2	476.0	Low	-0.6723	High	0.8081
La Perla	1	49	199.9	0.3	94.7	Very High	1.5064	Medium	0.6121
Los Reyes	0	20	33.8	< 0.1	162.3	Very High	1.6858	Medium	0.6583
Magdalena	0	8	13.8	< 0.1	212.1	High	1.0213	Medium	0.7052
Maltrata	1	31	110.9	0.2	152.4	High	-0.0340	Medium	0.7345
Mariano Escobedo	2	48	69.6	0.1	488.0	Medium	-0.4146	Medium	0.7770
Mixtla de Altamirano	0	43	66.3	0.1	156.7	Very High	2.9278	Medium	0.5469
Naranjal	0	12	18.6	< 0.1	242.3	High	0.5519	Medium	0.7388
Nogales	2	24	63.6	0.1	545.5	Low	-0.9404	High	0.8187
Omealca	1	58	214.7	0.3	105.1	High	0.1825	Medium	0.7464
Orizaba	1	4	27.9	< 0.1	4,338.3	Very Low	-1.7241	High	0.8872
Paso del Macho	1	134	399.0	0.6	73.1	Medium	-0.1457	Medium	0.7524
Rafael Delgado	2	16	26.7	< 0.1	759.1	High	0.1522	Medium	0.7358

Río Blanco	1	3	15.2	< 0.1	2,669.8	Very Low	-1.5577	High	0.8593
San Andrés Tenejapan	0	9	21.9	< 0.1	123.9	Very High	1.0879	Medium	0.6582
Sochiapa	0	11	16.2	< 0.1	215.8	High	0.4605	Medium	0.6814
Soledad Atzompa	1	34	115.7	0.2	184.9	Very High	1.7716	Medium	0.5947
Tehuipango	0	51	94.8	0.1	247.8	Very High	2.8054	Low	0.4985
Tenampa	0	14	65.3	0.1	95.7	High	1.0204	Medium	0.6764
Tepatlxaco	0	12	59.8	0.1	138.0	Very High	1.2612	Medium	0.6871
Tequila	1	38	99.7	0.1	146.9	Very High	1.6768	Medium	0.6596
Texhuacán	0	18	44.0	0.1	120.2	Very High	1.1850	Medium	0.6552
Tezonapa	2	137	524.6	0.7	100.2	High	0.9426	Medium	0.7321
Tlacotepec de Mejía	0	5	65.4	0.1	60.6	High	0.5058	Medium	0.7078
Tlaltetela	1	42	278.5	0.4	52.5	High	0.6979	Medium	0.6851
Tlaquilpa	0	66	57.2	0.1	125.0	Very High	43.8	Medium	0.6326
Tlilapan	1	6	11.1	< 0.1	441.1	High	0.3656	Medium	0.7144
Tomatlán	1	9	18.9	< 0.1	358.8	Medium	23.5	Medium	0.7704
Totutla	1	31	97.8	0.1	167.8	High	0.5247	Medium	0.6891
Xoxocotla	0	17	37.2	0.1	138.9	Very High	1.4993	Medium	0.6471
Yanga	1	42	89.1	0.1	196.0	Medium	-0.3859	Medium	0.7980
Zentla	0	52	178.7	0.2	69.3	High	0.2760	Medium	0.7414
Zongolica	1	146	280.1	0.4	149.7	Very High	1.3342	Medium	0.6977

Table S2. Projections of maximum and minimum changes in temperature (T_{MAX} , T_{min} ; °C) and precipitation (Pp_{MAX} , Pp_{min} ; mm) for the years 2025, 2050, 2075 and 2100 in the Region of the Great Mountains, Veracruz, Mexico. For all scenarios, T_{MAX} was found in La Joya; T_{min} was found in Los Pescados; Pp_{MAX} was found in Totutla, and Pp_{min} was found in Ixhuacán.

Year	T_{MAX}	T_{min}	Pp_{MAX}	Pp_{min}
2025	1.25	-0.83	107.45	-98.38
2050	3.84	-2.55	331.32	-303.35
2075	6.44	-4.28	555.18	-508.32
2100	9.04	-6.00	779.04	-713.29