

## **Supplementary Material to Projected Loss of Rock Glacier Habitat in the Contiguous Western United States with Warming**

A.C. Lute, John T. Abatzoglou, Andrew Fountain, and Timothy C. Bartholomaus

				Suitable							Unsuitable						
Ecoregion Number	Ecoregion Name	Total	Modeled	Pre-industrial	Present	Future	Absolute Change Pre-Pres	Absolute Change Pres-Fut	Percent Change Pre-Pres	Percent Change Pres-Fut	Pre-industrial	Present	Future	Absolute Change Pre-Pres	Absolute Change Pres-Fut	Percent Change Pre-Pres	Percent Change Pres-Fut
1	Coast Range	54,244.83	10,572.07	0.14	0.00	0.00	-0.14	0.00	-100.0	0.0	10,571.93	10,572.07	10,572.07	0.14	0.00	0.0	0.0
2	Puget Lowland	16,971.80	544.06	0.00	0.00	0.00	0.00	0.00	0.0	0.0	544.06	544.06	544.06	0.00	0.00	0.0	0.0
3	Willamette Valley	14,883.85	26.98	0.00	0.00	0.00	0.00	0.00	0.0	0.0	26.98	26.98	26.98	0.00	0.00	0.0	0.0
4	Cascades	58,855.32	33,928.16	152.25	62.33	0.00	-89.92	-62.33	-59.1	-100.0	33,775.91	33,865.84	33,928.16	89.92	62.33	0.3	0.2
5	Sierra Nevada	53,102.33	26,148.69	2,872.26	1,752.47	8.65	-1,119.79	-1,743.82	-39.0	-99.5	23,276.43	24,396.22	26,140.04	1,119.79	1,743.82	4.8	7.1
6	Central California Foothills and Coastal Mountains	76,679.41	4.41	0.00	0.00	0.00	0.00	0.00	0.0	0.0	4.41	4.41	4.41	0.00	0.00	0.0	0.0
7	Central California Valley	46,488.54	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Southern California Mountains	15,837.68	546.23	0.00	0.00	0.00	0.00	0.00	0.0	0.0	546.23	546.23	546.23	0.00	0.00	0.0	0.0
9	Eastern Cascades Slopes and Foothills	53,257.96	7,666.95	1.14	0.00	0.00	-1.14	0.00	-100.0	0.0	7,665.81	7,666.95	7,666.95	1.14	0.00	0.0	0.0
10	Columbia Plateau	83,131.47	160.73	0.00	0.00	0.00	0.00	0.00	0.0	0.0	160.73	160.73	160.73	0.00	0.00	0.0	0.0
11	Blue Mountains	70,909.30	16,659.82	208.31	68.22	0.00	-140.09	-68.22	-67.3	-100.0	16,451.51	16,591.60	16,659.82	140.09	68.22	0.9	0.4
12	Snake River Plain	53,627.48	167.45	0.00	0.00	0.00	0.00	0.00	0.0	0.0	167.45	167.45	167.45	0.00	0.00	0.0	0.0
13	Central Basin and Range	308,791.01	9,421.27	108.53	27.77	0.00	-80.76	-27.77	-74.4	-100.0	9,312.74	9,393.50	9,421.27	80.76	27.77	0.9	0.3
14	Mojave Basin and Range	127,689.93	97.23	0.00	0.00	0.00	0.00	0.00	0.0	0.0	97.23	97.23	97.23	0.00	0.00	0.0	0.0
15	Northern Rockies	81,961.04	28,177.00	22.46	2.55	0.00	-19.91	-2.55	-88.7	-100.0	28,154.53	28,174.45	28,177.00	19.91	2.55	0.1	0.0
16	Idaho Batholith	60,282.82	47,170.25	2,315.76	748.82	0.90	-1,566.93	-747.93	-67.7	-99.9	44,854.49	46,421.42	47,169.35	1,566.93	747.93	3.5	1.6
17	Middle Rockies	164,462.69	95,383.59	11,501.40	6,526.38	120.66	-4,975.02	-6,405.72	-43.3	-98.2	83,882.19	88,857.18	95,262.93	4,974.99	6,405.76	5.9	7.2
18	Wyoming Basin	132,679.84	3,983.36	4.89	0.59	0.00	-4.31	-0.59	-88.0	-100.0	3,978.47	3,982.78	3,983.36	4.31	0.59	0.1	0.0
19	Wasatch and Uinta Mountains	45,695.00	19,023.26	951.90	525.73	6.51	-426.16	-519.22	-44.8	-98.8	18,071.36	18,497.53	19,016.75	426.16	519.22	2.4	2.8
20	Colorado Plateaus	136,573.14	1,015.15	0.55	0.00	0.00	-0.55	0.00	-100.0	0.0	1,014.60	1,015.15	1,015.15	0.55	0.00	0.1	0.0
21	Southern Rockies	145,703.00	77,038.21	8,673.69	4,910.21	39.90	-3,763.48	-4,870.31	-43.4	-99.2	68,364.52	72,128.00	76,998.32	3,763.48	4,870.31	5.5	6.8
22	Arizona/New Mexico Plateau	146,859.18	236.08	0.00	0.00	0.00	0.00	0.00	0.0	0.0	236.08	236.08	236.08	0.00	0.00	0.0	0.0
23	Arizona/New Mexico Mountains	110,911.56	3,063.96	0.00	0.00	0.00	0.00	0.00	0.0	0.0	3,063.96	3,063.96	3,063.96	0.00	0.00	0.0	0.0
24	Chihuahuan Deserts	105,451.12	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	High Plains	267,507.71	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Southwestern Tablelands	151,240.59	1.79	0.00	0.00	0.00	0.00	0.00	0.0	0.0	1.79	1.79	1.79	0.00	0.00	0.0	0.0
41	Canadian Rockies	18,878.41	16,211.74	1,244.20	292.96	0.03	-951.24	-292.93	-76.5	-100.0	14,967.54	15,918.78	16,211.71	951.24	292.93	6.4	1.8
42	Northwestern Glaciated Plains	108,783.34	141.98	0.00	0.00	0.00	0.00	0.00	0.0	0.0	141.98	141.98	141.98	0.00	0.00	0.0	0.0
43	Northwestern Great Plains	298,299.67	1,889.15	0.21	0.00	0.00	-0.21	0.00	-100.0	0.0	1,888.94	1,889.15	1,889.15	0.21	0.00	0.0	0.0
77	North Cascades	30,393.32	25,394.49	1,974.94	706.72	0.34	-1,268.22	-706.38	-64.2	-100.0	23,419.56	24,687.77	25,394.15	1,268.22	706.38	5.4	2.9
78	Klamath Mountains/California High North Coast Range	48,357.50	8,652.64	2.72	0.10	0.00	-2.62	-0.10	-96.2	-100.0	8,649.92	8,652.54	8,652.64	2.62	0.10	0.0	0.0
79	Madrean Archipelago	39,650.63	18.02	0.00	0.00	0.00	0.00	0.00	0.0	0.0	18.02	18.02	18.02	0.00	0.00	0.0	0.0
80	Northern Basin and Range	140,196.50	3,776.02	10.51	1.14	0.00	-9.37	-1.14	-89.2	-100.0	3,765.51	3,774.88	3,776.02	9.37	1.14	0.2	0.0
81	Sonoran Basin and Range	118,368.75	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85	Southern California/Northern Baja Coast	20,955.65	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	Western US	3,407,682.37	437,120.74	30,045.86	15,625.99	176.99	-14,419.86	-15,449.01	-48.0	-98.9	407,074.88	421,494.73	436,943.76	14,419.83	15,449.05	3.5	3.7