Supplemental Table S2: Area classified as mountain agricultural land as a percentage of all area classified as mountains (Mountains – Agricultural as % of Mountains - All), mountain agricultural land as a percent of all area classified as agriculture (Mountains – Agricultural as % of Agriculture - All), mountains as a percentage of total terrestrial area (Mountains – All as % of Terrestrial – All), and agriculture as a percentage of total area (Agricultural – All as % of Terrestrial – All), globally, and by regions (km^2). Source: Zomer et al., 2022[1]; Spawn et al. 2020[2]; UNEP-WCMC 2000[3].

Region	Mountain - Agricultural as % of Mountains - All	Mountain - Agricultural as % of Agriculture - All	Mountains - All as % of Terrestrial - All	Agricultura - All as % of Terrestrial - All
	km^2			
Antarctica			48.30	
Asia Pacific	11.72	9.10	7.20	9.28
Central America	39.85	39.31	35.44	35.93
Central Asia	15.61	23.46	22.46	14.94
East Asia	8.87	27.30	55.21	17.94
Eastern and Southern Africa	22.53	38.49	26.05	15.25
Europe	12.40	12.80	29.37	28.45
North Africa	6.71	27.77	9.49	2.29
North America	3.11	8.37	26.11	9.71
Russia	2.24	6.29	27.80	9.91
South America	14.71	12.89	19.14	21.84
South Asia	21.01	8.94	21.87	51.40
SouthEast Asia	18.81	17.82	34.86	36.81
West and Central Africa	17.17	6.17	6.67	18.56
Western Asia	16.16	49.86	36.71	11.90
Global	**11.06**	**16.54**	**26.58**	**16.42**
Global (including Antarctica)	9.36	16.54	24.58	15.04

1. Zomer RJ, Bossio DA, Trabucco A, van Noordwijk M, Xu J. 2022. Global carbon sequestration potential of agroforestry and increased tree cover on agricultural land. *Circular Agricultural Systems* 2:3
2. Spawn, SA. & Gibbs, HK. 2020. Global Aboveground and Belowground Biomass Carbon Density Maps for the Year 2010. *ORNL DAAC, Oak Ridge, Tennessee, USA.* doi:10.3334/ornldaac/1763.
3. UNEP-WCMC. (2000). Mountains of the World. Cambridge (UK): UNEP-WCMC. https://doi.org/10.34892/jh4m-0h26
4. Noon ML, Goldstein A, Ledezma JC, Roehrdanz PR, Cook-Patton SC, et al. 2021. Mapping the irrecoverable carbon in Earth's ecosystems (1.0) [Data set]. *Zenodo* doi:10.5281/zenodo.4091029.