ESSD

Supporting Information for

GloCAB: Global Cropland Burned Area From Mid-2002 To 2020

J.V. Hall[1], F. Argueta[1], M. Zubkova[1], Y. Chen[2], J.T. Randerson[2], L. Giglio[1]

[1]University of Maryland, Department of Geographical Sciences, College Park, MD, USA

[2]Department of Earth System Science, University of California, Irvine, CA, USA

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Table S1: Estimated lower-limit (α_L-based) and upper-limit (α_H-based) annual total global burned area (units: Mha) compared to the MCD64A1 Collection 6 burned area product.

Year	Estimated annual global burned area (Mha)		MCD64A1 collection 6 burned area (Mha)
	Lower Limit	Upper Limit	
2003	90	134	33
2004	94	138	36
2005	97	140	40
2006	88	128	36
2007	90	130	35
2008	102	149	38
2009	88	126	33
2010	79	115	31
2011	77	109	30
2012	73	104	29
2013	65	91	25
2014	81	116	30
2015	78	111	30
2016	71	101	28
2017	79	113	30
2018	64	91	22
2019	70	99	26
2020	70	101	26
2003-2020 Average	**81**	**116**	**32**
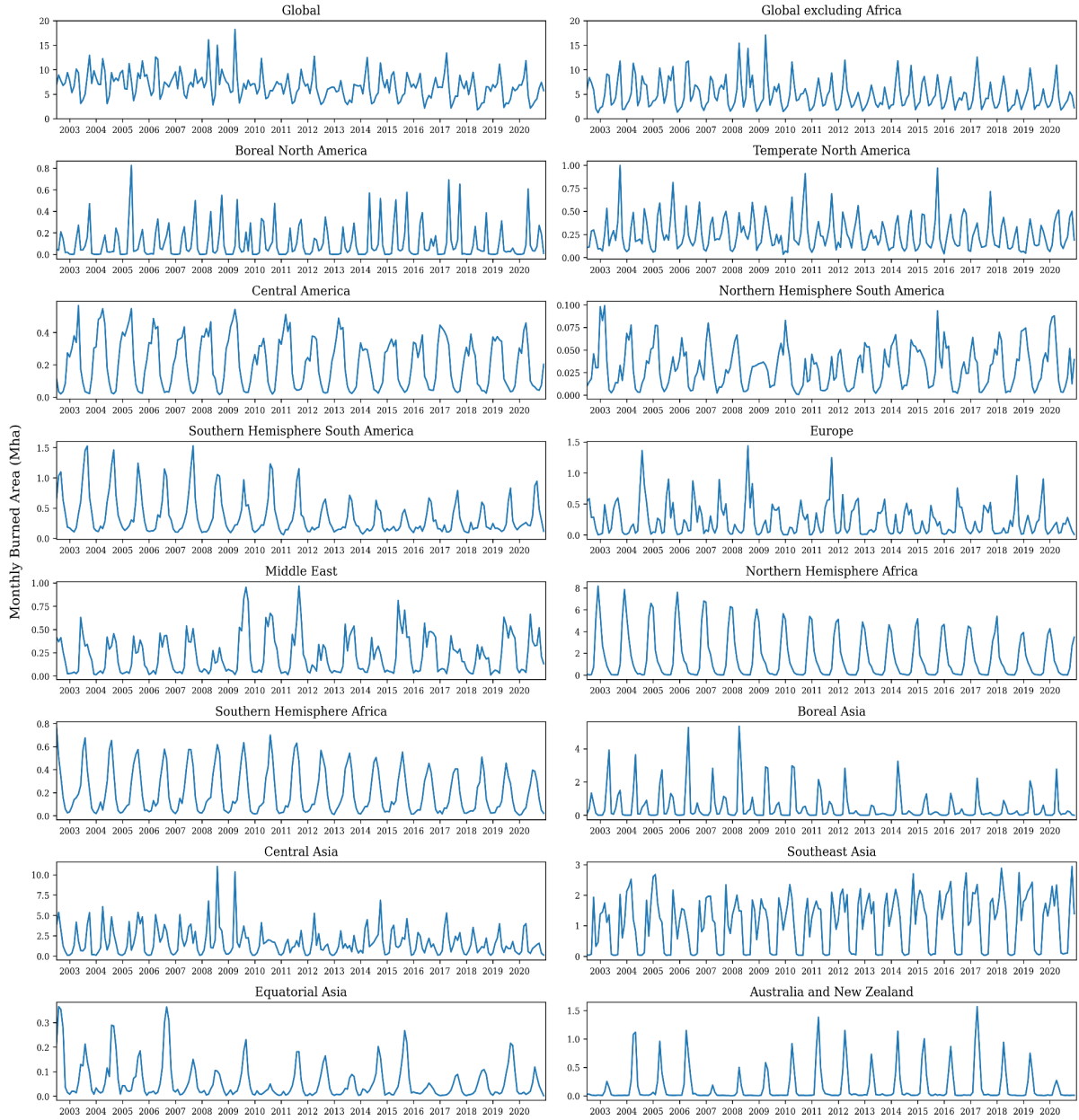
Figure S1: Global and GFED regional monthly cropland burned area time series (July 2002 – December 2020) for the lower alpha estimates.
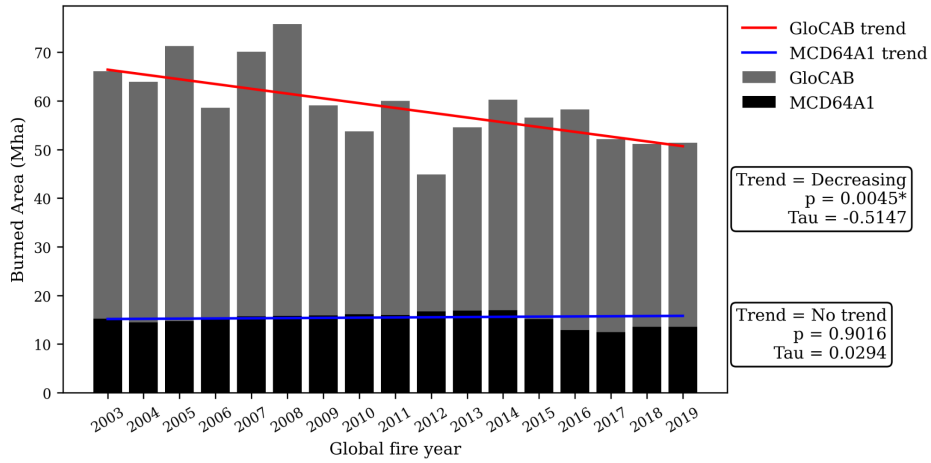
Figure S2: Global cropland burned area excluding Africa by global fire year (June – May) with Theil-Sen estimator trend lines with 95% confidence for this study (grey; red) and MCD64 (black; blue).