

SUPPLEMENTARY MATERIAL 1. Different vegetation land cover classes used by LANDFIRE. For simplicity, we reclassified the original land cover types to fit the needs of the manuscript.

LANDFIRE class	Reclass
Developed-Upland Deciduous Forest	Urban vegetation
Developed-Upland Evergreen Forest	Urban vegetation
Developed-Upland Mixed Forest	Urban vegetation
Developed-Upland Herbaceous	Urban vegetation
Developed-Upland Shrubland	Urban vegetation
Developed - Low Intensity	Urban
Developed - Medium Intensity	Urban
Developed - High Intensity	Urban
Developed-Roads	Urban
Barren	Other
Quarries-Strip Mines-Gravel Pits	Other
NASS-Vineyard	Crop
NASS-Row Crop-Close Grown Crop	Crop
NASS-Row Crop	Crop
NASS-Close Grown Crop	Crop
NASS-Wheat	Crop
Sparse Vegetation Canopy	Other
Tree Cover $\geq 10$ and $< 20\%$	Tree
Tree Cover $\geq 20$ and $< 30\%$	Tree
Tree Cover $\geq 30$ and $< 40\%$	Tree
Tree Cover $\geq 40$ and $< 50\%$	Tree
Tree Cover $\geq 50$ and $< 60\%$	Tree
Tree Cover $\geq 60$ and $< 70\%$	Tree
Tree Cover $\geq 70$ and $< 80\%$	Tree
Tree Cover $\geq 80$ and $< 90\%$	Tree
Tree Cover $\geq 90$ and $\leq 100\%$	Tree
Shrub Cover $\geq 10$ and $< 20\%$	Shrub
Shrub Cover $\geq 20$ and $< 30\%$	Shrub
Shrub Cover $\geq 30$ and $< 40\%$	Shrub
Shrub Cover $\geq 40$ and $< 50\%$	Shrub
Shrub Cover $\geq 50$ and $< 60\%$	Shrub
Shrub Cover $\geq 60$ and $< 70\%$	Shrub
Shrub Cover $\geq 70$ and $< 80\%$	Shrub
Shrub Cover $\geq 80$ and $< 90\%$	Shrub
Shrub Cover $\geq 90$ and $\leq 100\%$	Shrub
Herb Cover $\geq 10$ and $< 20\%$	Herbaceous
Herb Cover $\geq 20$ and $< 30\%$	Herbaceous
Herb Cover $\geq 30$ and $< 40\%$	Herbaceous
Herb Cover $\geq 40$ and $< 50\%$	Herbaceous
Herb Cover $\geq 50$ and $< 60\%$	Herbaceous
Herb Cover $\geq 60$ and $< 70\%$	Herbaceous
Herb Cover $\geq 70$ and $< 80\%$	Herbaceous
Herb Cover $\geq 80$ and $< 90\%$	Herbaceous
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