

**ONLINE APPENDIX for “Do Extreme Weather Events Increase Public Concern,
Knowledge, and Attention to Climate Change in China?”**

Section A: CGSS 2010 Analysis.

A.1. Descriptive statistics and tables and figures for main results:

Table A1: Descriptive statistics for data used in the analysis of the CGSS 2010 data.

	n.obs	Mean	SD	Min	Max
perception of climate change severity	3649	4.34	1.08	1	6
CO2 causes global warming	3672	0.53	0.50	0	1
climate affected by fossil fuel	3657	3.73	1.00	1	5
All disasters ₂₀₀₉	3672	0.25	0.82	0	5
All disasters ₂₀₀₀₋₀₉	3672	2.35	3.31	0	16
$\Delta All\ disasters_{2000-08, 2009}$	3672	0.01	0.69	-1.44	3.78
Storm ₂₀₀₉	3672	0.08	0.27	0	1
Storm ₂₀₀₀₋₀₉	3672	0.96	1.94	0	12
$\Delta Storm_{2000-08, 2009}$	3672	-0.02	0.23	-0.89	0.67
Flood ₂₀₀₉	3672	0.10	0.38	0	2
Flood ₂₀₀₀₋₀₉	3672	1.10	1.64	0	7
$\Delta Flood_{2000-08, 2009}$	3672	-0.01	0.33	-0.56	1.67
Gender	3672	0.53	0.50	0	1
Age	3671	47.31	15.73	17	91
Married	3672	0.80	0.40	0	1
Minority member	3670	0.08	0.28	0	1
Urban hukou	3661	0.51	0.50	0	1
CCP member	3668	0.13	0.34	0	1
Religious	3671	0.12	0.33	0	1
Income (log)	3151	8.17	3.26	0.00	14.85
Education	3665	2.19	1.08	1	4

Figure A1: the distributions of the three DVs from prefectures with and without extreme weather events.

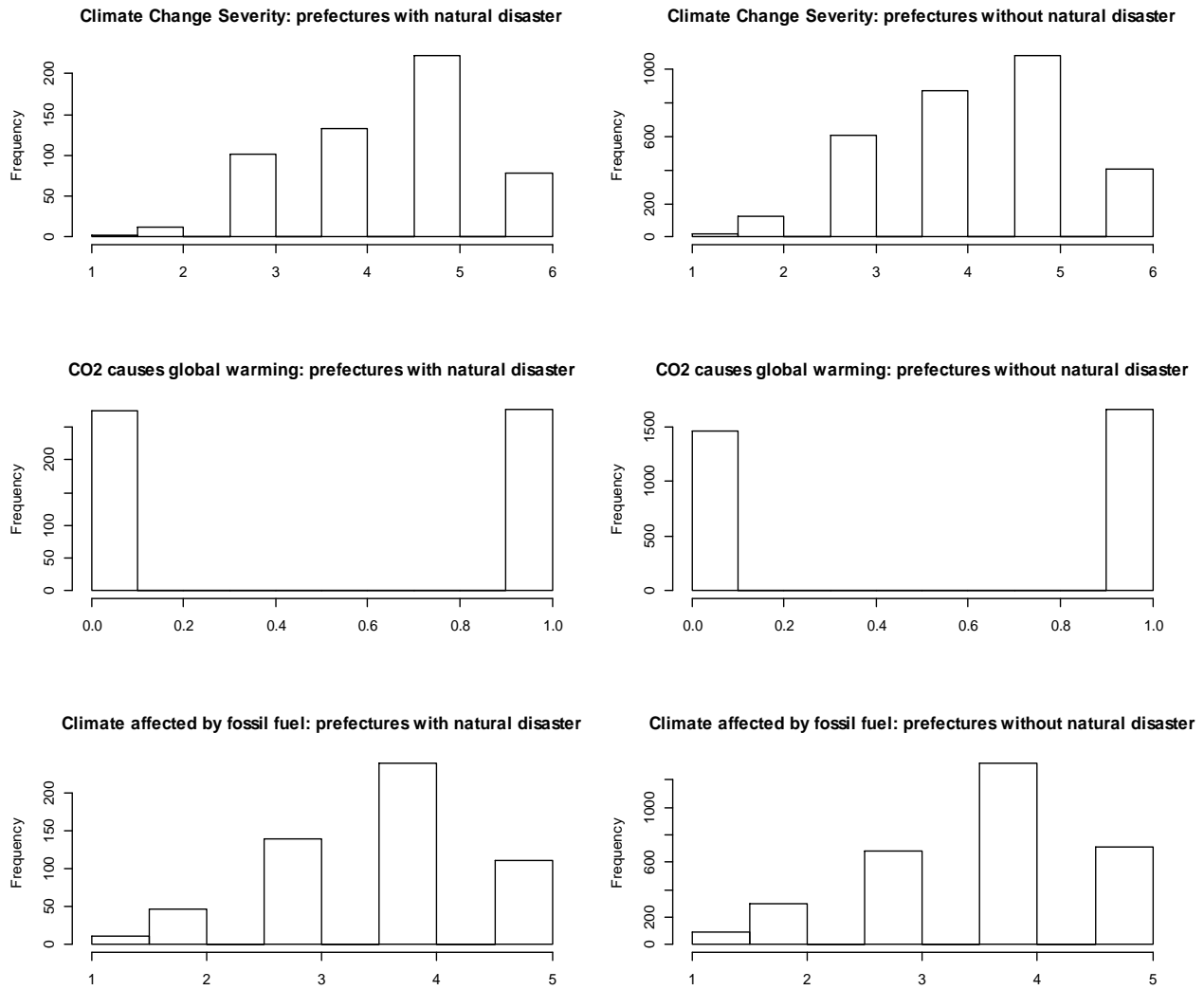


Table A2: Effects of extreme weather events on the perception of climate change severity.

	<i>Dependent variable: Perception of Climate Change Severity</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.142*								
	(0.084)								
All disasters ₂₀₀₀₋₀₉		-0.001							
		(0.013)							
Δ All disasters _{2000-08, 2009}			0.124*						
			(0.063)						
Storm ₂₀₀₉				0.315***					
				(0.075)					
Storm ₂₀₀₀₋₀₉					0.004				
					(0.014)				
Δ Storm _{2000-08, 2009}						0.162			
						(0.150)			
Flood ₂₀₀₉							0.118		
							(0.122)		
Flood ₂₀₀₀₋₀₉								-0.006	
								(0.021)	
Δ Flood _{2000-08, 2009}									0.174
									(0.124)
Gender	-0.018	-0.017	-0.019	-0.017	-0.017	-0.019	-0.018	-0.017	-0.018
	(0.042)	(0.042)	(0.042)	(0.042)	(0.042)	(0.042)	(0.042)	(0.042)	(0.042)
Age	-0.007***	-0.007***	-0.007***	-0.007***	-0.007***	-0.007***	-0.007***	-0.007***	-0.007***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Married	-0.073	-0.073	-0.072	-0.071	-0.073	-0.072	-0.072	-0.073	-0.071
	(0.049)	(0.049)	(0.049)	(0.050)	(0.049)	(0.049)	(0.049)	(0.049)	(0.049)
Minority member	-0.051	-0.049	-0.053	-0.047	-0.050	-0.045	-0.053	-0.051	-0.061
	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)
Urban hukou	0.338***	0.339***	0.338***	0.339***	0.340***	0.338***	0.339***	0.340***	0.339***
	(0.051)	(0.051)	(0.050)	(0.051)	(0.051)	(0.051)	(0.051)	(0.051)	(0.050)
CCP member	0.073	0.075	0.073	0.074	0.075	0.075	0.073	0.075	0.072
	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)	(0.058)
Religious	0.011	0.007	0.015	-0.004	0.005	0.011	0.015	0.005	0.015
	(0.073)	(0.075)	(0.074)	(0.075)	(0.076)	(0.075)	(0.074)	(0.074)	(0.074)
Income (logged)	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	(0.006)	(0.006)	(0.006)	(0.006)	(0.006)	(0.006)	(0.006)	(0.006)	(0.006)
Middle school	0.277***	0.278***	0.277***	0.276***	0.278***	0.276***	0.278***	0.278***	0.277***
	(0.057)	(0.057)	(0.057)	(0.057)	(0.057)	(0.057)	(0.057)	(0.057)	(0.057)
High school	0.431***	0.434***	0.433***	0.430***	0.434***	0.434***	0.434***	0.435***	0.435***
	(0.070)	(0.069)	(0.069)	(0.069)	(0.069)	(0.069)	(0.069)	(0.069)	(0.069)
College and above	0.441***	0.441***	0.440***	0.440***	0.441***	0.439***	0.442***	0.441***	0.442***
	(0.082)	(0.082)	(0.082)	(0.081)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Observations	3,111	3,111	3,111	3,111	3,111	3,111	3,111	3,111	3,111
Adjusted R ²	0.137	0.136	0.137	0.137	0.136	0.137	0.137	0.136	0.137
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Perception of Climate Change Severity, is from 1 to 6 with higher values indicating a perception of climate change being more severe. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *p<0.1; **p<0.05; ***p<0.01.

Table A3: Effects of extreme weather events on climate change knowledge – whether CO2 increase will cause global warming.

	<i>Dependent variable: CO2 increase will cause global warming</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	-0.041 (0.031)								
All disasters ₂₀₀₀₋₀₉		-0.007 (0.005)							
$\Delta All\ disasters_{2000-08, 2009}$			0.002 (0.035)						
Storm ₂₀₀₉				-0.034 (0.068)					
Storm ₂₀₀₀₋₀₉					-0.004 (0.006)				
$\Delta Storm_{2000-08, 2009}$						0.043 (0.104)			
Flood ₂₀₀₉							-0.027 (0.041)		
Flood ₂₀₀₀₋₀₉								-0.010 (0.011)	
$\Delta Flood_{2000-08, 2009}$									0.011 (0.049)
Gender	-0.045*** (0.017)	-0.046*** (0.017)	-0.045*** (0.017)	-0.045*** (0.017)	-0.046*** (0.017)	-0.046*** (0.017)	-0.045*** (0.017)	-0.046*** (0.017)	-0.045*** (0.017)
Age	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)
Married	0.008 (0.021)	0.008 (0.021)	0.008 (0.021)	0.007 (0.021)	0.008 (0.021)	0.008 (0.021)	0.008 (0.021)	0.008 (0.021)	0.008 (0.021)
Minority member	-0.015 (0.040)	-0.017 (0.039)	-0.016 (0.040)	-0.016 (0.040)	-0.015 (0.040)	-0.015 (0.040)	-0.015 (0.040)	-0.019 (0.039)	-0.016 (0.040)
Urban hukou	0.160*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)	0.159*** (0.025)
CCP member	0.091*** (0.024)	0.090*** (0.024)	0.090*** (0.024)	0.090*** (0.024)	0.090*** (0.024)	0.090*** (0.024)	0.091*** (0.024)	0.090*** (0.024)	0.090*** (0.024)
Religious	0.032 (0.030)	0.035 (0.030)	0.033 (0.030)	0.034 (0.031)	0.035 (0.030)	0.034 (0.030)	0.031 (0.030)	0.031 (0.030)	0.033 (0.030)
Income (logged)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)
Middle school	0.135*** (0.025)	0.134*** (0.025)	0.135*** (0.025)	0.135*** (0.025)	0.134*** (0.025)	0.134*** (0.025)	0.135*** (0.025)	0.134*** (0.025)	0.134*** (0.025)
High school	0.227*** (0.032)	0.227*** (0.032)	0.226*** (0.032)	0.226*** (0.032)	0.226*** (0.032)	0.225*** (0.032)	0.226*** (0.032)	0.226*** (0.032)	0.226*** (0.032)
College and above	0.272*** (0.038)	0.271*** (0.038)	0.272*** (0.038)	0.272*** (0.038)	0.271*** (0.038)	0.271*** (0.038)	0.271*** (0.038)	0.271*** (0.038)	0.272*** (0.038)
Observations	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130
Adjusted R ²	0.181	0.182	0.181	0.181	0.181	0.181	0.181	0.182	0.181
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, CO2 increase will cause global warming, is dummy variable. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *p<0.1; **p<0.05; ***p<0.01.

Table A4: Effects of extreme weather events on climate change knowledge – whether climate affected by fossil fuel use.

	<i>Dependent variable: Climate affected by fossil fuel use</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.108 (0.093)								
All disasters ₂₀₀₀₋₀₉		-0.003 (0.013)							
$\Delta All\ disasters_{2000-08, 2009}$			0.108 (0.073)						
Storm ₂₀₀₉				-0.181 (0.111)					
Storm ₂₀₀₀₋₀₉					-0.014 (0.012)				
$\Delta Storm_{2000-08, 2009}$						0.134 (0.207)			
Flood ₂₀₀₉							0.246** (0.119)		
Flood ₂₀₀₀₋₀₉								0.023 (0.022)	
$\Delta Flood_{2000-08, 2009}$									0.203* (0.110)
Gender	-0.064* (0.038)	-0.064* (0.038)	-0.065* (0.038)	-0.064* (0.038)	-0.065* (0.038)	-0.065* (0.038)	-0.064* (0.038)	-0.063* (0.038)	-0.065* (0.038)
Age	0.0003 (0.001)	0.0002 (0.001)	0.0002 (0.001)	0.0002 (0.001)	0.0001 (0.001)	0.0002 (0.001)	0.0002 (0.001)	0.0002 (0.001)	0.0002 (0.001)
Married	-0.011 (0.045)	-0.011 (0.045)	-0.010 (0.045)	-0.012 (0.045)	-0.011 (0.045)	-0.010 (0.045)	-0.010 (0.045)	-0.012 (0.045)	-0.008 (0.045)
Minority member	0.020 (0.073)	0.020 (0.074)	0.017 (0.072)	0.020 (0.074)	0.023 (0.073)	0.024 (0.073)	0.013 (0.072)	0.028 (0.074)	0.007 (0.072)
Urban hukou	0.170*** (0.052)	0.172*** (0.052)	0.170*** (0.052)	0.172*** (0.052)	0.171*** (0.052)	0.170*** (0.051)	0.171*** (0.052)	0.171*** (0.052)	0.172*** (0.052)
CCP member	0.136** (0.058)	0.137** (0.059)	0.135** (0.059)	0.137** (0.059)	0.137** (0.058)	0.137** (0.058)	0.134** (0.059)	0.138** (0.059)	0.133** (0.059)
Religious	-0.108* (0.064)	-0.109* (0.063)	-0.103 (0.064)	-0.103 (0.063)	-0.102 (0.064)	-0.107* (0.064)	-0.094 (0.064)	-0.105* (0.064)	-0.101 (0.064)
Income (logged)	-0.0002 (0.006)	-0.0001 (0.006)	-0.0003 (0.006)	-0.0002 (0.006)	-0.0003 (0.006)	-0.0002 (0.006)	-0.001 (0.006)	-0.0001 (0.006)	-0.0004 (0.006)
Middle school	0.236*** (0.051)	0.237*** (0.051)	0.236*** (0.051)	0.238*** (0.051)	0.236*** (0.051)	0.236*** (0.051)	0.236*** (0.051)	0.237*** (0.052)	0.236*** (0.051)
High school	0.272*** (0.072)	0.275*** (0.071)	0.273*** (0.071)	0.277*** (0.072)	0.276*** (0.071)	0.274*** (0.071)	0.274*** (0.072)	0.273*** (0.071)	0.276*** (0.071)
College and above	0.431*** (0.078)	0.432*** (0.078)	0.431*** (0.078)	0.432*** (0.078)	0.431*** (0.078)	0.430*** (0.078)	0.434*** (0.078)	0.432*** (0.078)	0.433*** (0.078)
Observations	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118
Adjusted R ²	0.074	0.074	0.074	0.074	0.074	0.074	0.075	0.074	0.075
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Climate affected by fossil fuel use, is from 1 to 5 with higher values indicating a higher agreement with the statement. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *p<0.1; **p<0.05; ***p<0.01.

Table A5: Effects of extreme weather events on the perception of climate change severity, using ordered logit.

	Dependent variable: Perception of Climate Change Severity								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.276*								
	(0.157)								
All disasters ₂₀₀₀₋₀₉		0.005							
		(0.020)							
Δ All disasters _{2000-08, 2009}			0.209						
			(0.137)						
Storm ₂₀₀₉				0.637					
				(0.421)					
Storm ₂₀₀₀₋₀₉					0.011				
					(0.026)				
Δ Storm _{2000-08, 2009}						0.253			
						(0.336)			
Flood ₂₀₀₉							0.245		
							(0.194)		
Flood ₂₀₀₀₋₀₉								0.00004	
								(0.032)	
Δ Flood _{2000-08, 2009}									0.311
									(0.208)
Gender	-0.036	-0.036	-0.039	-0.035	-0.035	-0.038	-0.036	-0.036	-0.037
	(0.070)	(0.070)	(0.070)	(0.070)	(0.070)	(0.070)	(0.070)	(0.070)	(0.070)
Age	-0.014***	-0.014***	-0.014***	-0.014***	-0.014***	-0.014***	-0.014***	-0.014***	-0.014***
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Married	-0.173**	-0.173**	-0.170*	-0.170*	-0.173**	-0.170*	-0.170*	-0.172**	-0.167*
	(0.088)	(0.088)	(0.088)	(0.088)	(0.088)	(0.088)	(0.088)	(0.088)	(0.088)
Minority member	-0.098	-0.091	-0.099	-0.088	-0.093	-0.085	-0.101	-0.091	-0.112
	(0.144)	(0.144)	(0.144)	(0.144)	(0.144)	(0.144)	(0.144)	(0.144)	(0.145)
Urban hukou	0.620***	0.623***	0.621***	0.621***	0.624***	0.621***	0.623***	0.623***	0.624***
	(0.087)	(0.087)	(0.087)	(0.087)	(0.087)	(0.087)	(0.087)	(0.087)	(0.087)
CCP member	0.166	0.169	0.168	0.167	0.169	0.171	0.166	0.170	0.165
	(0.106)	(0.106)	(0.106)	(0.106)	(0.106)	(0.106)	(0.106)	(0.106)	(0.106)
Religious	0.045	0.033	0.049	0.017	0.029	0.041	0.051	0.034	0.049
	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)
Income (logged)	0.009	0.010	0.009	0.010	0.010	0.009	0.009	0.010	0.009
	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)
Middle school	0.462***	0.462***	0.460***	0.461***	0.462***	0.460***	0.462***	0.462***	0.461***
	(0.092)	(0.092)	(0.092)	(0.092)	(0.092)	(0.092)	(0.092)	(0.092)	(0.092)
High school	0.775***	0.781***	0.778***	0.776***	0.781***	0.780***	0.781***	0.782***	0.783***
	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)
College and above	0.745***	0.743***	0.742***	0.743***	0.743***	0.741***	0.746***	0.743***	0.746***
	(0.138)	(0.138)	(0.138)	(0.138)	(0.138)	(0.138)	(0.138)	(0.138)	(0.138)
Observations	3,111	3,111	3,111	3,111	3,111	3,111	3,111	3,111	3,111
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Perception of Climate Change Severity, is from 1 to 6 with higher values indicating a perception of climate change being more severe. Regressions estimated by ordered logit. *p<0.1; **p<0.05; ***p<0.01

Table A6: Effects of extreme weather events on climate change knowledge – whether CO2 increase will cause global warming, using logistic regressions.

	<i>Dependent variable: CO2 increase will cause global warming</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	-0.205 (0.197)								
All disasters ₂₀₀₀₋₀₉		-0.031 (0.025)							
Δ All disasters _{2000-08, 2009}			-0.005 (0.168)						
Storm ₂₀₀₉				-0.109 (0.572)					
Storm ₂₀₀₀₋₀₉					-0.017 (0.034)				
Δ Storm _{2000-08, 2009}						0.220 (0.414)			
Flood ₂₀₀₉							-0.142 (0.240)		
Flood ₂₀₀₀₋₀₉								-0.046 (0.040)	
Δ Flood _{2000-08, 2009}									0.031 (0.253)
Gender	-0.220*** (0.085)	-0.225*** (0.085)	-0.220*** (0.085)	-0.221*** (0.085)	-0.222*** (0.085)	-0.223*** (0.085)	-0.220*** (0.085)	-0.221*** (0.085)	-0.220*** (0.085)
Age	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)	-0.014*** (0.003)
Married	0.033 (0.107)	0.036 (0.107)	0.032 (0.107)	0.032 (0.107)	0.033 (0.107)	0.034 (0.107)	0.032 (0.107)	0.035 (0.107)	0.033 (0.107)
Minority member	-0.074 (0.177)	-0.084 (0.176)	-0.078 (0.176)	-0.079 (0.176)	-0.076 (0.176)	-0.073 (0.177)	-0.073 (0.177)	-0.092 (0.177)	-0.080 (0.177)
Urban hukou	0.733*** (0.101)	0.731*** (0.101)	0.730*** (0.101)	0.730*** (0.101)	0.729*** (0.101)	0.728*** (0.101)	0.731*** (0.101)	0.732*** (0.101)	0.730*** (0.101)
CCP member	0.490*** (0.137)	0.486*** (0.137)	0.487*** (0.137)	0.487*** (0.137)	0.487*** (0.137)	0.487*** (0.137)	0.489*** (0.137)	0.486*** (0.137)	0.486*** (0.137)
Religious	0.157 (0.137)	0.172 (0.137)	0.163 (0.137)	0.166 (0.138)	0.171 (0.138)	0.168 (0.137)	0.154 (0.138)	0.154 (0.137)	0.164 (0.137)
Income (logged)	0.019 (0.013)	0.018 (0.013)	0.019 (0.013)	0.018 (0.013)	0.018 (0.013)	0.018 (0.013)	0.019 (0.013)	0.019 (0.013)	0.018 (0.013)
Middle school	0.595*** (0.108)	0.593*** (0.108)	0.595*** (0.108)	0.595*** (0.108)	0.595*** (0.108)	0.593*** (0.108)	0.595*** (0.108)	0.594*** (0.108)	0.595*** (0.108)
High school	1.000*** (0.132)	1.000*** (0.132)	0.995*** (0.132)	0.996*** (0.132)	0.996*** (0.132)	0.994*** (0.132)	0.995*** (0.132)	0.999*** (0.132)	0.995*** (0.132)
College and above	1.322*** (0.176)	1.319*** (0.176)	1.321*** (0.176)	1.322*** (0.176)	1.321*** (0.176)	1.319*** (0.176)	1.320*** (0.176)	1.319*** (0.176)	1.321*** (0.176)
Observations	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, CO2 increase will cause global warming, is dummy variable. Logistic regressions estimated.
*p<0.1; **p<0.05; ***p<0.01.

Table A7: Effects of extreme weather events on climate change knowledge – whether climate affected by fossil fuel use, using ordered logit regressions.

	<i>Dependent variable: Climate affected by fossil fuel use</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.208 (0.157)								
All disasters ₂₀₀₀₋₀₉		-0.004 (0.020)							
Δ All disasters _{2000-08, 2009}			0.203 (0.139)						
Storm ₂₀₀₉				-0.251 (0.409)					
Storm ₂₀₀₀₋₀₉					-0.026 (0.026)				
Δ Storm _{2000-08, 2009}						0.308 (0.347)			
Flood ₂₀₀₉							0.460** (0.196)		
Flood ₂₀₀₀₋₀₉								0.046 (0.033)	
Δ Flood _{2000-08, 2009}									0.368* (0.208)
Gender	-0.168** (0.070)	-0.169** (0.070)	-0.172** (0.070)	-0.169** (0.070)	-0.172** (0.070)	-0.171** (0.070)	-0.169** (0.070)	-0.167** (0.070)	-0.170** (0.070)
Age	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.003)
Married	-0.014 (0.087)	-0.013 (0.087)	-0.012 (0.087)	-0.015 (0.087)	-0.014 (0.087)	-0.011 (0.087)	-0.011 (0.087)	-0.016 (0.087)	-0.009 (0.087)
Minority member	0.044 (0.144)	0.047 (0.144)	0.039 (0.144)	0.046 (0.144)	0.052 (0.144)	0.055 (0.144)	0.032 (0.144)	0.062 (0.144)	0.021 (0.144)
Urban hukou	0.359*** (0.087)	0.361*** (0.087)	0.359*** (0.087)	0.362*** (0.087)	0.360*** (0.087)	0.358*** (0.087)	0.361*** (0.087)	0.359*** (0.087)	0.363*** (0.087)
CCP member	0.286*** (0.110)	0.287*** (0.109)	0.284*** (0.110)	0.287*** (0.109)	0.287*** (0.110)	0.288*** (0.109)	0.281** (0.110)	0.288*** (0.110)	0.281** (0.110)
Religious	-0.160 (0.113)	-0.166 (0.113)	-0.151 (0.114)	-0.157 (0.114)	-0.151 (0.114)	-0.159 (0.113)	-0.135 (0.114)	-0.156 (0.113)	-0.148 (0.114)
Income (logged)	-0.001 (0.011)	-0.001 (0.011)	-0.002 (0.011)	-0.001 (0.011)	-0.002 (0.011)	-0.002 (0.011)	-0.002 (0.011)	-0.001 (0.011)	-0.002 (0.011)
Middle school	0.469*** (0.093)	0.469*** (0.093)	0.468*** (0.093)	0.470*** (0.093)	0.469*** (0.093)	0.467*** (0.093)	0.470*** (0.093)	0.470*** (0.093)	0.469*** (0.093)
High school	0.553*** (0.115)	0.559*** (0.115)	0.556*** (0.115)	0.561*** (0.115)	0.560*** (0.115)	0.557*** (0.115)	0.558*** (0.115)	0.555*** (0.115)	0.560*** (0.115)
College and above	0.871*** (0.143)	0.872*** (0.143)	0.870*** (0.143)	0.874*** (0.143)	0.872*** (0.143)	0.869*** (0.143)	0.876*** (0.143)	0.873*** (0.143)	0.875*** (0.143)
Observations	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Climate affected by fossil fuel use, is from 1 to 5 with higher values indicating a higher agreement with the statement. Ordered logit regressions estimated. *p<0.1; **p<0.05; ***p<0.01.

A.2. Robustness checks:

Table A8: Effects of Extreme Weather Events Using A Rural, Less Educated (Middle School and below), and Older (60 and above) Sample.

	<i>Dependent variables</i>								
	<i>Perception of Climate Change Severity</i>			<i>CO2 increase will cause global warming</i>			<i>Climate affected by fossil fuel use</i>		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.243 (0.242)			-0.178*** (0.065)			0.085 (0.179)		
All disasters ₂₀₀₀₋₀₉		0.003 (0.036)			-0.005 (0.013)			0.013 (0.020)	
Δ All disasters _{2000-08, 2009}			0.150 (0.206)			-0.100 (0.064)			0.004 (0.141)
Gender	-0.134 (0.134)	-0.129 (0.135)	-0.136 (0.134)	-0.021 (0.046)	-0.026 (0.046)	-0.020 (0.046)	-0.234** (0.100)	-0.230** (0.099)	-0.233** (0.100)
Age	-0.016 (0.011)	-0.016 (0.011)	-0.016 (0.011)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.004 (0.008)	0.004 (0.008)	0.004 (0.008)
Married	0.049 (0.138)	0.039 (0.143)	0.053 (0.140)	0.102** (0.044)	0.110** (0.045)	0.099** (0.045)	0.065 (0.119)	0.057 (0.118)	0.062 (0.119)
Minority member	0.464** (0.212)	0.465** (0.211)	0.458** (0.208)	0.080 (0.113)	0.079 (0.111)	0.084 (0.117)	0.422** (0.180)	0.426** (0.181)	0.421** (0.181)
CCP member	0.013 (0.320)	0.022 (0.321)	0.020 (0.320)	0.032 (0.095)	0.026 (0.096)	0.027 (0.094)	-0.109 (0.233)	-0.109 (0.234)	-0.106 (0.233)
Religious	-0.076 (0.207)	-0.103 (0.202)	-0.082 (0.205)	0.0002 (0.077)	0.021 (0.075)	0.006 (0.077)	-0.147 (0.160)	-0.158 (0.157)	-0.156 (0.161)
Income (logged)	0.029* (0.016)	0.028* (0.016)	0.029* (0.017)	0.003 (0.006)	0.003 (0.006)	0.003 (0.006)	-0.006 (0.013)	-0.006 (0.013)	-0.006 (0.013)
Middle school	0.108 (0.247)	0.103 (0.246)	0.101 (0.247)	0.122 (0.085)	0.124 (0.086)	0.127 (0.085)	0.245 (0.214)	0.246 (0.213)	0.243 (0.213)
Observations	303	303	303	306	306	306	302	302	302
Adjusted R ²	-0.019	-0.021	-0.020	0.183	0.175	0.179	0.123	0.123	0.122
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Perception of Climate Change Severity, is from 1 to 6 with higher values indicating a perception of climate change being more severe. The dependent variable, CO2 increase will cause global warming, is dummy variable. The dependent variable, Climate affected by fossil fuel use, is from 1 to 5 with higher values indicating a higher agreement with the statement. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *

p<0.1; **p<0.05; ***p<0.01.

Table A9: Effects of extreme weather events, using logged values of the disaster variables and adding a new extreme weather event variable (the number of natural disasters 2005-2009).

	<i>Dependent variables</i>								
	<i>Perception of climate change severity</i>			<i>CO2 increase will cause global warming</i>			<i>Climate affected by fossil fuel use</i>		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉ (logged)	0.205 (0.153)			-0.059* (0.035)			0.155 (0.146)		
All disasters ₂₀₀₀₋₀₉ (logged)		-0.037 (0.059)			-0.015 (0.029)			0.030 (0.048)	
All disasters ₂₀₀₅₋₀₉ (logged)			0.011 (0.072)			0.022 (0.034)			0.048 (0.070)
Gender	-0.018 (0.047)	-0.018 (0.047)	-0.017 (0.047)	-0.045*** (0.016)	-0.046*** (0.016)	-0.045*** (0.016)	-0.064* (0.035)	-0.063* (0.035)	-0.063* (0.035)
Age	-0.007*** (0.001)	-0.007*** (0.001)	-0.007*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	0.0003 (0.001)	0.0003 (0.001)	0.0003 (0.001)
Married	-0.073 (0.048)	-0.071 (0.048)	-0.073 (0.048)	0.008 (0.023)	0.009 (0.024)	0.007 (0.024)	-0.011 (0.050)	-0.013 (0.051)	-0.012 (0.051)
Minority member	-0.051 (0.057)	-0.052 (0.060)	-0.048 (0.060)	-0.015 (0.027)	-0.017 (0.026)	-0.013 (0.028)	0.020 (0.050)	0.024 (0.051)	0.028 (0.052)
Urban hukou	0.338*** (0.058)	0.340*** (0.058)	0.339*** (0.058)	0.160*** (0.030)	0.159*** (0.031)	0.159*** (0.030)	0.170*** (0.063)	0.171*** (0.063)	0.171*** (0.063)
CCP member	0.073 (0.062)	0.074 (0.063)	0.075 (0.063)	0.091*** (0.027)	0.090*** (0.027)	0.091*** (0.027)	0.136** (0.061)	0.138** (0.062)	0.138** (0.062)
Religious	0.011 (0.082)	0.011 (0.088)	0.006 (0.086)	0.032 (0.028)	0.035 (0.029)	0.031 (0.029)	-0.108 (0.070)	-0.114 (0.070)	-0.114 (0.070)
Income (logged)	0.003 (0.005)	0.003 (0.005)	0.003 (0.005)	0.004** (0.002)	0.004** (0.002)	0.004** (0.002)	-0.0002 (0.006)	0.00003 (0.006)	-0.0001 (0.006)
Middle school	0.277*** (0.050)	0.277*** (0.050)	0.278*** (0.050)	0.135*** (0.024)	0.134*** (0.024)	0.134*** (0.025)	0.236*** (0.056)	0.237*** (0.056)	0.237*** (0.056)
High school	0.431*** (0.067)	0.435*** (0.067)	0.434*** (0.067)	0.227*** (0.038)	0.226*** (0.038)	0.225*** (0.039)	0.272*** (0.071)	0.274*** (0.071)	0.273*** (0.071)
College and above	0.441*** (0.066)	0.439*** (0.064)	0.441*** (0.065)	0.272*** (0.042)	0.271*** (0.042)	0.272*** (0.042)	0.431*** (0.086)	0.433*** (0.086)	0.432*** (0.086)
Observations	3,111	3,111	3,111	3,130	3,130	3,130	3,118	3,118	3,118
Adjusted R ²	0.137	0.137	0.136	0.181	0.181	0.181	0.074	0.074	0.074
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Perception of Climate Change Severity, is from 1 to 6 with higher values indicating a perception of climate change being more severe. The dependent variable, CO2 increase will cause global warming, is dummy variable. The dependent variable, Climate affected by fossil fuel use, is from 1 to 5 with higher values indicating a higher agreement with the statement. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *p<0.1; **p<0.05; ***p<0.01.

A.3. Tests for attenuation biases:

Table 10: Effects of extreme weather events, using prefectures that are smaller than 17,220 square km (mean of prefecture size).

	<i>Dependent variables</i>								
	<i>Perception of climate change severity</i>			<i>CO2 increase will cause global warming</i>			<i>Climate affected by fossil fuel use</i>		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.015 (0.138)			-0.056 (0.043)			-0.082 (0.065)		
All disasters ₂₀₀₀₋₀₉		-0.014 (0.017)			-0.016** (0.007)			-0.003 (0.011)	
Δ All disasters _{2000-08, 2009}			0.139 (0.139)			0.094 (0.069)			-0.048 (0.075)
Gender	0.025 (0.052)	0.023 (0.052)	0.023 (0.052)	-0.055** (0.021)	-0.057*** (0.021)	-0.056*** (0.021)	-0.044 (0.045)	-0.044 (0.045)	-0.043 (0.045)
Age	-0.005*** (0.002)	-0.005*** (0.002)	-0.005*** (0.002)	-0.003*** (0.001)	-0.003*** (0.001)	-0.002*** (0.001)	0.0005 (0.002)	0.001 (0.002)	0.001 (0.002)
Married	-0.057 (0.063)	-0.056 (0.063)	-0.056 (0.063)	0.014 (0.023)	0.015 (0.023)	0.014 (0.024)	0.018 (0.053)	0.018 (0.053)	0.017 (0.053)
Minority member	-0.045 (0.108)	-0.049 (0.109)	-0.043 (0.109)	-0.014 (0.043)	-0.015 (0.043)	-0.010 (0.043)	0.040 (0.107)	0.042 (0.108)	0.042 (0.107)
Urban hukou	0.317*** (0.067)	0.318*** (0.067)	0.316*** (0.067)	0.145*** (0.029)	0.145*** (0.029)	0.144*** (0.029)	0.167** (0.066)	0.167** (0.066)	0.167** (0.066)
CCP member	0.046 (0.069)	0.046 (0.069)	0.045 (0.069)	0.058** (0.028)	0.058** (0.028)	0.057** (0.028)	0.167** (0.066)	0.167** (0.066)	0.167** (0.066)
Religious	0.079 (0.075)	0.085 (0.076)	0.078 (0.075)	0.008 (0.034)	0.012 (0.036)	0.005 (0.034)	-0.104 (0.079)	-0.107 (0.080)	-0.108 (0.080)
Income (logged)	0.005 (0.007)	0.005 (0.007)	0.005 (0.007)	0.002 (0.003)	0.001 (0.003)	0.002 (0.003)	0.00003 (0.007)	0.00004 (0.007)	0.0002 (0.007)
Middle school	0.336*** (0.068)	0.333*** (0.069)	0.335*** (0.068)	0.137*** (0.032)	0.135*** (0.032)	0.137*** (0.032)	0.205*** (0.064)	0.206*** (0.064)	0.206*** (0.064)
High school	0.494*** (0.083)	0.494*** (0.083)	0.492*** (0.084)	0.253*** (0.038)	0.252*** (0.038)	0.251*** (0.038)	0.321*** (0.091)	0.320*** (0.091)	0.320*** (0.091)
College and above	0.506*** (0.097)	0.502*** (0.098)	0.506*** (0.097)	0.311*** (0.044)	0.309*** (0.044)	0.313*** (0.044)	0.371*** (0.100)	0.373*** (0.100)	0.373*** (0.100)
Observations	2,027	2,027	2,027	2,038	2,038	2,038	2,033	2,033	2,033
Adjusted R ²	0.136	0.137	0.137	0.193	0.196	0.194	0.059	0.059	0.059
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: The dependent variable, Perception of Climate Change Severity, is from 1 to 6 with higher values indicating a perception of climate change being more severe. The dependent variable, CO2 increase will cause global warming, is dummy variable. The dependent variable, Climate affected by fossil fuel use, is from 1 to 5 with higher values indicating a higher agreement with the statement. Regressions estimated by OLS. Standard errors clustered at the prefecture level. *p<0.1; **p<0.05; ***p<0.01.

Table A11: Testing the “treated by hearing” mechanism.

	<i>Dependent variables</i>											
	<i>Perception of climate change severity</i>				<i>CO2 increase will cause global warming</i>				<i>Climate affected by fossil fuel use</i>			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Neighbor Pref 150km	0.080 (0.221)				-0.020 (0.091)				-0.255*** (0.075)			
Neighbor Pref 200km		-0.158** (0.068)				-0.084 (0.054)				-0.045 (0.085)		
Neighbor Pref 250km			-0.087 (0.053)				0.036 (0.049)				0.145 (0.093)	
Neighbor Pref 300km				0.019 (0.088)				0.034 (0.041)				0.101 (0.079)
Gender	-0.038 (0.045)	-0.039 (0.045)	-0.038 (0.045)	-0.038 (0.045)	-0.033* (0.018)	-0.033* (0.018)	-0.033* (0.018)	-0.032* (0.018)	-0.065 (0.042)	-0.065 (0.042)	-0.065 (0.042)	-0.063 (0.042)
Age	-0.007*** (0.002)	-0.007*** (0.002)	-0.007*** (0.002)	-0.007*** (0.002)	-0.002*** (0.001)	-0.002*** (0.001)	-0.002*** (0.001)	-0.002*** (0.001)	0.0002 (0.001)	0.0002 (0.001)	0.0003 (0.001)	0.0003 (0.001)
Married	-0.052 (0.056)	-0.054 (0.056)	-0.054 (0.056)	-0.053 (0.056)	0.014 (0.022)	0.014 (0.022)	0.015 (0.022)	0.014 (0.022)	-0.001 (0.048)	0.0002 (0.048)	0.002 (0.048)	-0.001 (0.048)
Minority member	-0.079 (0.065)	-0.053 (0.068)	-0.078 (0.067)	-0.078 (0.065)	-0.004 (0.045)	0.010 (0.049)	-0.004 (0.044)	-0.002 (0.044)	0.006 (0.080)	0.012 (0.083)	-0.0004 (0.081)	0.009 (0.082)
Urban hukou	0.324*** (0.054)	0.324*** (0.054)	0.324*** (0.054)	0.325*** (0.054)	0.149*** (0.026)	0.148*** (0.026)	0.149*** (0.026)	0.150*** (0.025)	0.167*** (0.056)	0.164*** (0.056)	0.167*** (0.056)	0.168*** (0.055)
CCP member	0.059 (0.065)	0.059 (0.065)	0.058 (0.065)	0.059 (0.065)	0.092*** (0.025)	0.092*** (0.025)	0.093*** (0.025)	0.092*** (0.025)	0.119* (0.064)	0.121* (0.064)	0.122* (0.064)	0.121* (0.063)
Religious	-0.0002 (0.080)	-0.010 (0.081)	-0.003 (0.080)	-0.003 (0.081)	0.020 (0.034)	0.017 (0.035)	0.021 (0.033)	0.018 (0.033)	-0.099 (0.067)	-0.096 (0.068)	-0.090 (0.065)	-0.101 (0.064)
Income (logged)	-0.001 (0.006)	-0.001 (0.006)	-0.001 (0.006)	-0.001 (0.006)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	0.004 (0.003)	-0.002 (0.006)	-0.002 (0.006)	-0.002 (0.006)	-0.002 (0.006)
Middle school	0.281*** (0.060)	0.273*** (0.060)	0.278*** (0.059)	0.280*** (0.060)	0.134*** (0.026)	0.132*** (0.026)	0.135*** (0.026)	0.136*** (0.026)	0.203*** (0.054)	0.206*** (0.054)	0.213*** (0.054)	0.210*** (0.054)
High school	0.417*** (0.072)	0.408*** (0.073)	0.416*** (0.072)	0.417*** (0.072)	0.228*** (0.034)	0.224*** (0.033)	0.229*** (0.034)	0.229*** (0.034)	0.280*** (0.077)	0.279*** (0.078)	0.286*** (0.077)	0.284*** (0.077)
College and above	0.448*** (0.090)	0.441*** (0.091)	0.447*** (0.090)	0.449*** (0.090)	0.304*** (0.039)	0.301*** (0.039)	0.305*** (0.039)	0.306*** (0.040)	0.432*** (0.086)	0.432*** (0.086)	0.439*** (0.086)	0.437*** (0.086)
Observations	2,697	2,697	2,697	2,697	2,713	2,713	2,713	2,713	2,701	2,701	2,701	2,701
Adjusted R ²	0.128	0.129	0.128	0.127	0.181	0.183	0.182	0.182	0.067	0.067	0.068	0.067
Fixed Province Effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Note: Neighbor Pref 150km, Neighbor Pref 200km, Neighbor Pref 250km, and Neighbor Pref 300km are dummy variables indicating whether a respondent is from a prefecture without natural disasters itself but neighboring a prefecture with natural disaster in 2009. We use distance (between prefecture centroids) thresholds of 150, 200, 250, 300 km to identify neighboring prefectures. Prefectures with natural disasters are dropped from the analysis. Regressions estimated by OLS. Standard errors clustered at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

A.4. Results using provincial level measures of extreme weather event variables:

Table A12: Testing the effects of extreme weather events on the perception of climate change severity.

	<i>Dependent variable: Perception of Climate Change Severity</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	-0.009 (0.017)								
All disasters ₂₀₀₀₋₀₉		-0.002 (0.003)							
$\Delta All\ disasters_{2000-08, 2009}$			0.008 (0.020)						
Flood ₂₀₀₉				-0.035 (0.028)					
Flood ₂₀₀₀₋₀₉					-0.010* (0.006)				
$\Delta Flood_{2000-08, 2009}$						-0.009 (0.031)			
Storm ₂₀₀₉							-0.020 (0.025)		
Storm ₂₀₀₀₋₀₉								-0.001 (0.005)	
$\Delta Storm_{2000-08, 2009}$									-0.020 (0.029)
Observations	3,086	3,086	3,086	3,086	3,086	3,086	3,086	3,086	3,086
Adjusted R ²	0.124	0.125	0.124	0.125	0.127	0.124	0.124	0.124	0.124

Note: OLS results using provincial level measures of extreme weather event variables; individual-level control variables (Gender, Age, Married, Minority member, Urban hukou, CCP member, Religious, Income (logged), Middle school, High school, and College and above) and province-level control variables (Pop. density, SO2 per cap, Electricity per cap, GDP per cap) are included in all models. Standard errors clustered at the province level. * p<0.1; ** p<0.05; *** p<0.01.

Table A13: Testing the effects of extreme weather events on climate change knowledge – whether climate affected by fossil fuel use.

	<i>Dependent variable: Climate affected by fossil fuel use</i>								
	(1)	(2)	(3)	(4)	fuelf (5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	-0.008 (0.015)								
All disasters ₂₀₀₀₋₀₉		-0.002 (0.002)							
$\Delta All\ disasters_{2000-08, 2009}$			0.009 (0.021)						
Flood ₂₀₀₉				-0.016 (0.018)					
Flood ₂₀₀₀₋₀₉					-0.003 (0.003)				
$\Delta Flood_{2000-08, 2009}$						-0.012 (0.025)			
Storm ₂₀₀₉							0.023 (0.018)		
Storm ₂₀₀₀₋₀₉								-0.002 (0.004)	
$\Delta Storm_{2000-08, 2009}$									0.035** (0.015)
Observations	3,093	3,093	3,093	3,093	3,093	3,093	3,093	3,093	3,093
Adjusted R ²	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.062

Note: OLS results using provincial level measures of extreme weather event variables; individual-level control variables (Gender, Age, Married, Minority member, Urban hukou, CCP member, Religious, Income (logged), Middle school, High school, and College and above) and province-level control variables (Pop. density, SO2 per cap,

Electricity per cap, GDP per cap) are included in all models. Standard errors clustered at the province level. * p<0.1; ** p<0.05; *** p<0.01.

Table A14: Testing the effects of extreme weather events on climate change knowledge – whether CO2 increase will cause global warming.

	<i>Dependent variable: CO2 increase will cause global warming</i>								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters ₂₀₀₉	0.007 (0.011)								
All disasters ₂₀₀₀₋₀₉		0.001 (0.002)							
$\Delta All\ disasters_{2000-08, 2009}$			0.001 (0.013)						
Flood ₂₀₀₉				-0.005 (0.011)					
Flood ₂₀₀₀₋₀₉					-0.001 (0.003)				
$\Delta Flood_{2000-08, 2009}$						-0.005 (0.015)			
Storm ₂₀₀₉							0.015 (0.012)		
Storm ₂₀₀₀₋₀₉								0.004 [*] (0.002)	
$\Delta Storm_{2000-08, 2009}$									0.002 (0.014)
Observations	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105
Adjusted R ²	0.164	0.165	0.164	0.164	0.164	0.164	0.165	0.167	0.164

Note: OLS results using provincial level measures of extreme weather event variables; individual-level control variables (Gender, Age, Married, Minority member, Urban hukou, CCP member, Religious, Income (logged), Middle school, High school, and College and above) and province-level control variables (Pop. density, SO2 per cap,

Electricity per cap, GDP per cap) are included in all models. Standard errors clustered at the province level. * p<0.1;

** p<0.05; *** p<0.01.

Section B: Baidu SVI Analysis

B.1. Descriptive statistics:

Table B1: Descriptive statistics for data used in the analysis of the Baidu SVI 2020 data.

	n.obs	Mean	SD	Min	Max
SVI: climate change	20435	7.74	22.27	0	135
SVI: global climate change	20435	2.90	13.09	0	126
SVI: global warming	20435	31.21	45.37	0	385
SVI: environmental pollution	20435	21.48	38.03	0	257
SVI: environment	20435	43.76	47.27	0	203
SVI: pollution	20435	22.31	34.06	0	159
All disasters _t	20435	0.16	0.95	0	26
All disasters _{t-1}	20368	0.16	0.95	0	26
All disasters _{t-2}	20301	0.16	0.95	0	26
All disasters _{t-3}	20234	0.16	0.95	0	26
Heavy rain _t	20435	0.04	0.27	0	9
Flood _t	20435	0.10	0.67	0	22
Storm _t	20435	0.01	0.25	0	19
Total Covid death	17575	0.19	0.49	0	3
Total confirmed Covid	17575	64.58	106.81	0	808
Daily precipitation	20435	4.49	10.37	-2.10	160.50
Mean daily temperature	20435	21.88	6.96	0.00	33.50

B.2. Robustness checks:

Table B2: Testing the effects of natural disasters on Baidu SVI regarding climate change key words without controlling for mean daily temperature and daily precipitation.

	Dependent Variable: Baidu SVI											
	(1)	"climate change"			"global warming"				"global climate change"			
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
All disasters t	-0.159 (0.121)			-0.594*				-0.169*				
All disasters $t-1$		-0.190 (0.131)			-0.924*** (0.296)					-0.090 (0.083)		
All disasters $t-2$			-0.194 (0.138)				-0.950*** (0.278)					-0.114 (0.092)
All disasters $t-3$				-0.073 (0.159)				-1.002*** (0.276)				-0.021 (0.106)
Total confirmed Covid	0.055*** (0.015)	0.055*** (0.015)	0.055*** (0.015)	0.055*** (0.015)	0.044*** (0.015)	0.044*** (0.015)	0.044*** (0.015)	0.044*** (0.015)	0.026*** (0.005)	0.026*** (0.005)	0.026*** (0.005)	0.026*** (0.005)
Total Covid death	3.261 (2.013)	3.257 (2.014)	3.257 (2.015)	3.271 (2.015)	1.166 (1.790)	1.127 (1.791)	1.124 (1.790)	1.118 (1.789)	0.985 (0.716)	0.994 (0.712)	0.991 (0.713)	1.002 (0.712)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.333	0.333	0.333	0.333	0.608	0.608	0.608	0.608	0.130	0.130	0.130	0.130

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B3: Effects of natural disaster types on Baidu SVI regarding climate change key words without controlling for mean daily temperature and daily precipitation.

	Dependent Variable: Baidu SVI								
	"climate change"			"global warming"			"global climate change"		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Flood τ	-0.049 (0.138)			-0.843* (0.449)			-0.151 (0.164)		
Heavy rain τ		-0.445 (0.399)			-1.259 (1.048)			-0.575*** (0.218)	
Storm τ			-0.824** (0.355)			-0.258 (0.324)			-0.416 (0.323)
Total confirmed Covid	0.055*** (0.015)	0.055*** (0.015)	0.055*** (0.015)	0.044*** (0.015)	0.043*** (0.015)	0.043*** (0.015)	0.026*** (0.005)	0.026*** (0.005)	0.026*** (0.005)
Total Covid death	3.275 (2.012)	3.267 (2.013)	3.284 (2.007)	1.152 (1.796)	1.198 (1.797)	1.236 (1.796)	0.990 (0.718)	0.988 (0.715)	1.007 (0.708)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.333	0.333	0.333	0.608	0.608	0.608	0.130	0.130	0.130

Note: OLS estimates with fixed prefecture and fixed day effects and cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B4: Testing the effects of natural disasters on Baidu SVI regarding climate change key words using the cumulative number of events in the past 1, 2, 3 weeks.

	Dependent Variable: Baidu SVI								
	"climate change"			"global warming"			"global climate change"		
	(2)	(3)	(4)	(6)	(7)	(8)	(10)	(11)	(12)
All disasters past 1 week	-0.035 (0.022)			-0.218*** (0.053)			-0.018 (0.019)		
All disasters past 2 weeks		-0.024* (0.013)			-0.141*** (0.029)			-0.00003 (0.011)	
All disasters past 3 weeks			-0.019* (0.011)			-0.101*** (0.020)			0.006 (0.012)
Total confirmed Covid	0.055*** (0.015)	0.056*** (0.015)	0.056*** (0.015)	0.044*** (0.015)	0.045*** (0.015)	0.045*** (0.015)	0.026*** (0.005)	0.026*** (0.005)	0.026*** (0.005)
Total Covid death	3.175 (2.012)	3.168 (2.013)	3.163 (2.015)	0.959 (1.810)	0.925 (1.813)	0.920 (1.816)	1.034 (0.729)	1.047 (0.727)	1.058 (0.727)
Mean daily temperature	-0.107 (0.097)	-0.103 (0.097)	-0.098 (0.098)	-0.135 (0.156)	-0.111 (0.156)	-0.096 (0.156)	0.069 (0.072)	0.065 (0.071)	0.060 (0.070)
Daily precipitation	0.004 (0.014)	0.004 (0.014)	0.004 (0.014)	0.009 (0.023)	0.008 (0.023)	0.007 (0.023)	0.005 (0.012)	0.004 (0.012)	0.003 (0.012)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.333	0.333	0.333	0.609	0.609	0.609	0.130	0.130	0.130

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B5: Testing the effects of natural disasters on Baidu SVI regarding climate change key words, with lagged dependent variable and prefecture-specific time trends.

	Dependent Variable: Baidu SVI											
	"climate change"				"global warming"				"global climate change"			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
All disasters t	-0.200*				-0.529*				-0.193**			
	(0.106)				(0.295)				(0.097)			
All disasters $t-1$		-0.223*				-0.838***				-0.102		
		(0.122)				(0.265)				(0.084)		
All disasters $t-2$			-0.219				-0.822***				-0.127	
			(0.142)				(0.256)				(0.087)	
All disasters $t-3$				-0.095				-0.873***				-0.033
				(0.179)				(0.258)				(0.102)
Total confirmed Covid	0.047	0.047	0.047	0.047	0.135***	0.135***	0.135***	0.135***	0.046**	0.046**	0.046**	0.046**
	(0.031)	(0.031)	(0.031)	(0.031)	(0.023)	(0.023)	(0.023)	(0.023)	(0.020)	(0.020)	(0.020)	(0.020)
Total Covid death	2.337	2.336	2.337	2.347	-0.899	-0.924	-0.919	-0.919	2.173	2.181	2.179	2.187
	(1.484)	(1.485)	(1.485)	(1.485)	(2.559)	(2.558)	(2.562)	(2.563)	(1.358)	(1.353)	(1.354)	(1.353)
Mean daily temperature	-0.070	-0.071	-0.072	-0.074	0.196	0.199	0.194	0.199	0.084	0.080	0.080	0.079
	(0.098)	(0.099)	(0.098)	(0.097)	(0.146)	(0.147)	(0.146)	(0.146)	(0.068)	(0.068)	(0.068)	(0.068)
Daily precipitation	0.006	0.005	0.003	0.002	0.021	0.022	0.014	0.013	0.008	0.005	0.005	0.004
	(0.013)	(0.013)	(0.013)	(0.013)	(0.022)	(0.022)	(0.022)	(0.022)	(0.012)	(0.012)	(0.012)	(0.012)
SVI: climate change $t-1$	0.037**	0.037**	0.037**	0.037**								
	(0.016)	(0.016)	(0.016)	(0.016)								
SVI: global warming $t-1$					0.067***	0.067***	0.067***	0.067***				
					(0.010)	(0.010)	(0.010)	(0.010)				
SVI: global climate change $t-1$									0.024	0.024	0.024	0.024
									(0.015)	(0.015)	(0.015)	(0.015)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.342	0.342	0.342	0.342	0.618	0.618	0.618	0.618	0.133	0.133	0.133	0.133

Note: OLS estimates with fixed prefecture and fixed day effects as well as prefecture-specific time trends; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B6: Testing the effects of natural disasters on Baidu SVI regarding climate change key words, using logged dependent variable and independent variables.

	Dependent Variable: Baidu SVI												
	SVI: "climate change" (logged)				SVI: "global warming" (logged)				SVI: "global climate change" (logged)				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All disasters t (logged)	-0.032 (0.031)				-0.157 (0.064)	**				-0.040 (0.025)			
All disasters $t-1$ (logged)		-0.024 (0.036)				-0.190 (0.058)	***				-0.008 (0.021)		
All disasters $t-2$ (logged)			0.004 (0.033)				-0.172 (0.061)	***				-0.019 (0.021)	
All disasters $t-3$ (logged)				0.027 (0.035)				-0.198 (0.055)	***			0.005 (0.023)	
Total confirmed Covid (logged)	0.124 (0.084)	0.125 (0.083)	0.125 (0.083)	0.125 (0.083)	0.318 (0.114)	***	0.318 (0.114)	***	0.319 (0.114)	***	0.318 (0.114)	***	0.084 (0.050)
Total Covid death (logged)	0.472 (0.286)	0.472 (0.286)	0.473 (0.286)	0.474 (0.287)	0.013 (0.135)	*	0.011 (0.135)	*	0.012 (0.135)	*	0.012 (0.135)	*	0.240 (0.116)
Mean daily temperature	-0.009 (0.005)	-0.009 (0.006)	-0.009 (0.005)	-0.009 (0.006)	-0.004 (0.008)	*	-0.003 (0.008)	*	-0.004 (0.008)	*	-0.003 (0.008)	*	0.005 (0.005)
Daily precipitation	0.0002 (0.001)	0.0001 (0.001)	-0.00005 (0.001)	-0.0001 (0.001)	0.001 (0.001)		0.001 (0.001)		0.0002 (0.001)		0.0002 (0.001)		0.001 (0.001)
Observations	17,575	17,575	17,575	17,575	17,575		17,575		17,575		17,575		17,575
Adjusted R ²	0.296	0.296	0.296	0.296	0.461		0.461		0.461		0.461		0.124

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

B.3. Causal mechanisms and alternative explanations:

Table B7: Testing the effects of natural disasters on Baidu SVI regarding environment key words.

	<i>Dependent variable: Baidu SVI</i>											
	"Environment"				"Pollution"				"Environmental Pollution"			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
All disasters t	-0.076 (0.411)				0.026 (0.240)				-0.179 (0.341)			
All disasters $t-1$		-0.084 (0.420)				-0.308 (0.203)				-0.106 (0.347)		
All disasters $t-2$			0.087 (0.429)				-0.236 (0.262)				-0.239 (0.291)	
All disasters $t-3$				0.139 (0.444)				-0.273 (0.225)				-0.346 (0.281)
Total confirmed Covid	0.085*** (0.014)	0.085*** (0.014)	0.085*** (0.014)	0.085*** (0.014)	0.066*** (0.014)	0.066*** (0.014)	0.066*** (0.014)	0.066*** (0.014)	0.095*** (0.024)	0.095*** (0.024)	0.095*** (0.024)	0.095*** (0.024)
Total Covid death	5.718 (3.481)	5.717 (3.482)	5.735* (3.482)	5.740* (3.481)	4.637** (1.947)	4.601** (1.947)	4.610** (1.950)	4.607** (1.948)	10.946** (4.323)	10.954** (4.327)	10.941** (4.327)	10.931** (4.328)
Mean daily temperature	0.463 (0.291)	0.463 (0.292)	0.458 (0.291)	0.456 (0.292)	0.044 (0.148)	0.055 (0.150)	0.051 (0.151)	0.053 (0.150)	0.122 (0.171)	0.118 (0.170)	0.121 (0.171)	0.125 (0.169)
Daily precipitation	0.016 (0.035)	0.015 (0.035)	0.013 (0.035)	0.013 (0.035)	0.031 (0.024)	0.037 (0.025)	0.033 (0.025)	0.033 (0.025)	0.002 (0.027)	-0.0002 (0.026)	-0.0001 (0.026)	-0.00002 (0.026)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.574	0.574	0.574	0.574	0.472	0.472	0.472	0.472	0.499	0.499	0.499	0.499

Note: OLS estimates with fixed prefecture and fixed day effects and cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B8: Testing the effects of natural disaster types on Baidu SVI regarding environment key words.

	<i>Dependent variable: Baidu SVI</i>								
	"environment"			"pollution"			"environemntal pollution"		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Flood t	0.004 (0.590)			-0.104 (0.387)			-0.220 (0.472)		
Heavy rain t		0.110 (1.665)			0.552 (0.730)			0.664 (1.420)	
Storm t			-0.843 (0.739)			0.572 (0.604)			-0.521 (0.846)
Total confirmed Covid	0.085*** (0.014)	0.085*** (0.014)	0.085*** (0.014)	0.066*** (0.014)	0.066*** (0.014)	0.066*** (0.014)	0.095*** (0.024)	0.095*** (0.024)	0.095*** (0.024)
Total Covid death	5.726 (3.482)	5.729* (3.478)	5.730* (3.481)	4.625** (1.948)	4.650** (1.948)	4.632** (1.950)	10.945** (4.322)	10.984** (4.321)	10.968** (4.323)
Mean daily temperature	0.460 (0.289)	0.459 (0.291)	0.462 (0.292)	0.048 (0.147)	0.040 (0.151)	0.044 (0.152)	0.121 (0.170)	0.109 (0.172)	0.116 (0.172)
Daily precipitation	0.014 (0.035)	0.013 (0.034)	0.016 (0.035)	0.033 (0.024)	0.028 (0.026)	0.030 (0.026)	0.001 (0.026)	-0.007 (0.027)	-0.001 (0.026)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.574	0.574	0.574	0.472	0.472	0.472	0.499	0.499	0.499

Note: OLS estimates with fixed prefecture and fixed day effects and cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B9: Testing the effects of extreme weather events on Baidu SVI using 1-week, 2-weeks, and 3-weeks lagged extreme weather event variables.

	Dependent Variable: Baidu SVI								
	"climate change"			"global warming"			"global climate change"		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
All disasters $t-1w$	-0.134 (0.142)			-1.056*** (0.276)			-0.015 (0.089)		
All disasters $t-2w$		-0.325** (0.152)			-0.322 (0.324)			0.050 (0.142)	
All disasters $t-3w$			-0.114 (0.227)			-0.329 (0.248)			0.173 (0.202)
Total confirmed Covid	0.055*** (0.015)	0.056*** (0.015)	0.055*** (0.015)	0.044*** (0.015)	0.044*** (0.015)	0.044*** (0.015)	0.026*** (0.005)	0.026*** (0.005)	0.026*** (0.005)
Total Covid death	3.187 (2.011)	3.174 (2.015)	3.191 (2.010)	1.012 (1.817)	1.089 (1.815)	1.089 (1.815)	1.045 (0.726)	1.051 (0.729)	1.060 (0.726)
Mean daily temperature	-0.110 (0.097)	-0.097 (0.099)	-0.108 (0.101)	-0.150 (0.157)	-0.165 (0.160)	-0.162 (0.159)	0.066 (0.072)	0.063 (0.070)	0.055 (0.069)
Daily precipitation	0.002 (0.014)	0.003 (0.014)	0.002 (0.014)	-0.003 (0.023)	-0.005 (0.023)	-0.005 (0.023)	0.004 (0.012)	0.003 (0.012)	0.003 (0.012)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.333	0.333	0.333	0.608	0.608	0.608	0.130	0.130	0.130

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B10: Testing the effects of natural disasters on Baidu SVIs on house price and seeing doctor.

	Dependent Variable: Baidu SVI							
	"house price"				"seeing doctor"			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All disasters t	-0.481 (0.365)				-0.073 (0.162)			
All disasters $t-1$		-0.559 (0.362)				-0.003 (0.165)		
All disasters $t-2$			-0.296 (0.369)				-0.088 (0.182)	
All disasters $t-3$				-0.366 (0.328)				-0.009 (0.188)
Total confirmed Covid	0.030 (0.046)	0.031 (0.046)	0.030 (0.046)	0.030 (0.046)	0.047*** (0.008)	0.047*** (0.008)	0.047*** (0.008)	0.047*** (0.008)
Total Covid death	8.255 (7.102)	8.246 (7.102)	8.276 (7.099)	8.270 (7.098)	2.829** (1.218)	2.837** (1.215)	2.828** (1.213)	2.836** (1.214)
Mean daily temperature	0.699*** (0.215)	0.697*** (0.215)	0.688*** (0.215)	0.691*** (0.216)	0.034 (0.113)	0.031 (0.112)	0.033 (0.112)	0.031 (0.111)
Daily precipitation	0.024 (0.030)	0.022 (0.029)	0.015 (0.028)	0.014 (0.029)	-0.007 (0.013)	-0.008 (0.012)	-0.008 (0.012)	-0.008 (0.012)
Observations	17,575	17,575	17,575	17,575	17,575	17,575	17,575	17,575
Adjusted R ²	0.762	0.762	0.762	0.762	0.341	0.341	0.341	0.341

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$.

B.4. External validity tests using 2019 data and a representative sample of provinces of 2020:

Table B11: Testing the effects of natural disasters on Baidu SVI using the same provinces and July and August 2019 data.

	Dependent Variable: Baidu SVI											
	"climate change"			"global warming"				"global climate change"				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
All disasters t	0.034 (0.140)				-0.552 (0.404)				-0.104 (0.085)			
All disasters $t-1$		-0.105 (0.124)				-0.465 (0.462)				-0.091 (0.105)		
All disasters $t-2$			-0.147 (0.142)				-0.595 (0.417)				-0.117 (0.091)	
All disasters $t-3$				-0.161 (0.211)				-0.475 (0.347)				-0.075 (0.091)
Observations	4,154	4,087	4,020	3,953	4,154	4,087	4,020	3,953	4,154	4,087	4,020	3,953
Adjusted R ²	0.352	0.351	0.347	0.343	0.643	0.642	0.641	0.640	0.137	0.130	0.125	0.120

Note: OLS estimates with fixed prefecture and fixed day effects; no control variable is included because there was Covid in 2019 and data on mean daily temperature and daily precipitation is not available; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B12: Effects of natural disaster types on Baidu SVI using the same provinces and July and August 2019 data.

	Dependent Variable: Baidu SVI								
	"climate change"			"global warming"			"global climate change"		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Flood _t	-0.153 (0.348)			-0.991 (0.872)			-0.068 (0.213)		
Heavy rain _t		0.132 (0.392)			-0.549 (1.141)			-0.104 (0.216)	
Storm _t			0.240 (0.265)			-1.187 (0.748)			-0.403*** (0.139)
Observations	4,154	4,154	4,154	4,154	4,154	4,154	4,154	4,154	4,154
Adjusted R ²	0.352	0.352	0.352	0.643	0.643	0.643	0.137	0.137	0.137

Note: OLS estimates with fixed prefecture and fixed day effects; no control variable is included because there was Covid in 2019 and data on mean daily temperature and daily precipitation is not available; cluster standard errors at the prefecture level.

* p<0.1; ** p<0.05; *** p<0.01.

Table B13: Testing the effects of natural disasters on Baidu SVI regarding climate change key words, using six representative provinces of 2020.

	Dependent Variable: Baidu SVI											
	"climate change"				"global warming"				"global climate change"			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
All disasters t	0.052 (0.199)				0.276 (0.284)				0.064 (0.126)			
All disasters $t-1$		0.086 (0.217)				0.127 (0.306)				0.063 (0.101)		
All disasters $t-2$			0.051 (0.186)				0.109 (0.284)				0.075 (0.111)	
All disasters $t-3$				0.194 (0.182)				0.187 (0.278)				0.115 (0.102)
Total confirmed Covid	0.045** (0.018)	0.045** (0.018)	0.045** (0.018)	0.045** (0.018)	0.042*** (0.014)	0.042*** (0.014)	0.042*** (0.014)	0.042*** (0.014)	0.020*** (0.007)	0.020*** (0.007)	0.020*** (0.007)	0.020*** (0.007)
Total Covid death	7.298*** (2.750)	7.297*** (2.748)	7.297*** (2.750)	7.296*** (2.742)	1.205 (1.866)	1.206 (1.871)	1.206 (1.872)	1.205 (1.870)	2.741** (1.362)	2.741** (1.362)	2.741** (1.361)	2.740** (1.359)
Mean daily temperature	-0.006 (0.066)	-0.006 (0.066)	-0.006 (0.066)	-0.008 (0.066)	0.007 (0.140)	0.010 (0.140)	0.011 (0.140)	0.009 (0.140)	0.059 (0.038)	0.059 (0.038)	0.059 (0.038)	0.059 (0.038)
Daily precipitation	0.029* (0.016)	0.028* (0.016)	0.029* (0.016)	0.028* (0.016)	-0.011 (0.026)	-0.008 (0.026)	-0.007 (0.026)	-0.007 (0.025)	0.008 (0.013)	0.008 (0.012)	0.009 (0.012)	0.008 (0.012)
Observations	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097
Adjusted R ²	0.372	0.372	0.372	0.372	0.628	0.628	0.628	0.628	0.160	0.160	0.160	0.160

Note: OLS estimates with fixed prefecture and fixed day effects; cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.

Table B14: Effects of natural disaster types on Baidu SVI regarding climate change key words, using six representative provinces of 2020.

	Dependent Variable: Baidu SVI								
	"climate change"			"global warming"			"global climate change"		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Flood τ	0.303 (0.276)			0.627 (0.472)			0.121 (0.228)		
Heavy rain τ		0.115 (0.763)			-1.384* (0.840)			0.297 (0.304)	
Storm τ			-0.623 (0.449)			0.723 (0.693)			-0.185 (0.263)
Total confirmed Covid	0.045** (0.018)	0.045** (0.018)	0.045** (0.018)	0.042*** (0.014)	0.042*** (0.014)	0.042*** (0.014)	0.020*** (0.007)	0.020*** (0.007)	0.020*** (0.007)
Total Covid death	7.297*** (2.743)	7.296*** (2.761)	7.291*** (2.753)	1.206 (1.864)	1.236 (1.897)	1.215 (1.873)	2.741** (1.362)	2.736** (1.355)	2.740** (1.367)
Mean daily temperature	-0.008 (0.066)	-0.005 (0.066)	-0.002 (0.067)	0.005 (0.140)	0.017 (0.140)	0.009 (0.139)	0.059 (0.038)	0.059 (0.038)	0.061 (0.039)
Daily precipitation	0.027 (0.016)	0.029* (0.016)	0.032* (0.017)	-0.012 (0.026)	0.0004 (0.026)	-0.009 (0.025)	0.008 (0.012)	0.008 (0.012)	0.010 (0.012)
Observations	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097	21,097
Adjusted R ²	0.372	0.372	0.372	0.628	0.628	0.628	0.160	0.160	0.160

Note: OLS estimates with fixed prefecture and fixed day effects and cluster standard errors at the prefecture level. * p<0.1; ** p<0.05; *** p<0.01.