1 SUPPLEMENTARY MATERIAL

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Table S1. Scale of drought severity based on the Standardized Precipitation-Evapotranspiration
 Index (SPEI)

Drought category	SPEI values
extreme drought	SPEI ≤ -2
severe drought	-2 < SPEI ≤ -1.5
moderate drought	$-1.5 < \text{SPEI} \le -1.0$
mild drought	$-1.0 < \text{SPEI} \le -0.5$
Normal	-0.5 <spei≤0.5< td=""></spei≤0.5<>
Mild wetness	0.5< SPEI ≤1
moderate wetness	1< SPEI ≤1.5
severe wetness	1.5< SPEI ≤2
extreme wetness	SPEI>2

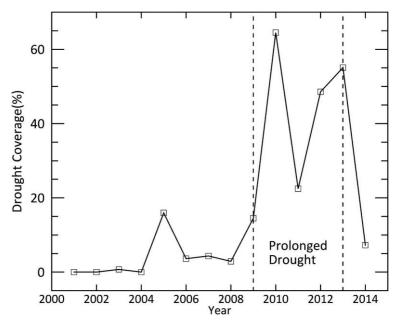




Figure S1. The percentage of area with moderate or severe drought (SPEI < -1) in the study area during 2001-2014.

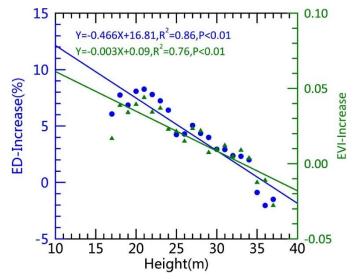




Figure S2. The relationships between the increase of forest EVI (ED) and canopy height. ED (EVI) Increase represents the ED (EVI) difference between 2012 and 2014 (2014 minus 2012).

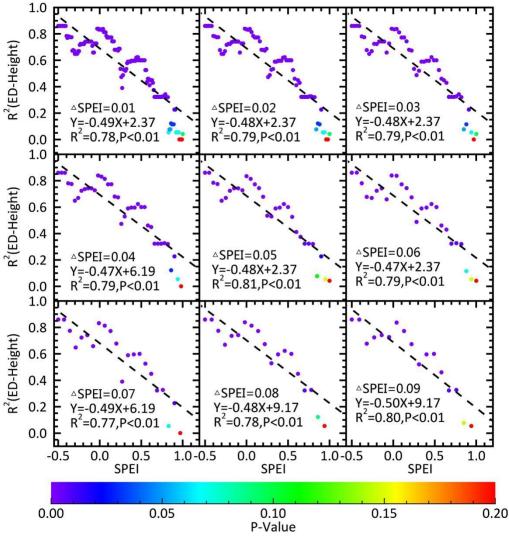
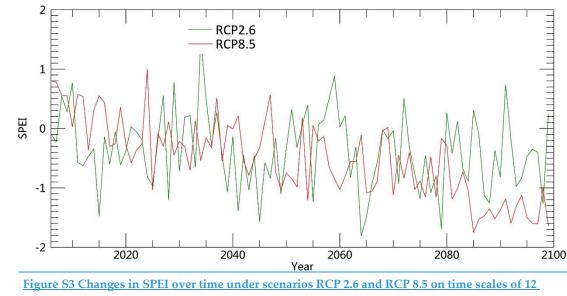


Figure S3. The relationship between forest recovery and canopy height under various water conditions. X-axis represents various water conditions, and Y-axis indicates the determination coefficient (R2) of the regression equation between the increase of ED and canopy height.



months