

Table S1 Date Information of Downloaded Landsat Images

Satellite Platform	Year	Selected date (month/day)									
Landsat 5 TM	1988	4/15	5/1	5/17	7/4	9/6	10/8				
	1989	4/18	5/20	8/8	8/24	10/11	10/27				
	1990	3/4	5/23	6/8	6/24	8/11	10/14				
	1991	4/24	6/11	6/27	8/30	10/17					
	1992	4/26	6/13	8/16	9/1	9/17	10/19				
	1993	4/13	6/16	7/2	9/4	9/20	10/22				
	1994	7/21	8/22	9/23	10/25						
	1995	4/19	6/6	6/22	9/10						
	1996	4/21	5/7	5/23	6/24	8/27	10/14	10/30			
	1997	4/8	4/24	5/26	10/17						
	1998	4/11	4/27	5/29	8/17	9/2					
	1999	4/14	4/30	6/1	6/17	8/20	11/8				
	2000	4/16	8/22	9/7	9/23	10/25					
	2001	5/21	6/6	6/22	8/9	9/10	10/28				
	2002	6/25	7/11	8/28	9/29	10/31					
	2003	4/25	5/11	6/28	8/15	10/18					
	2004	4/27	5/13	8/17	9/18	10/4					
	2005	3/29	4/14	4/30	6/1	6/17	8/4	9/21	10/7	10/23	
	2006	6/20	8/7	8/23	10/10	10/26					
	2007	4/20	5/22	7/9	8/10						
	2008	4/6	5/24	6/25	9/29	10/15	10/31				
	2009	3/24	6/28	7/14	7/30	8/31	9/16	10/2	10/18		
	2010	4/12	4/28	5/14	5/30	6/15	7/1	7/17	9/3	10/5	10/21
	2011	3/30	4/15	6/2	6/18	7/20	9/22				
Landsat 8 OLI	2013	4/20	5/22	6/7	6/23	8/26	9/27	10/29			
	2014	4/7	4/23	5/25	7/28	10/16					
	2015	3/25	5/12	7/31	9/1	9/17	10/3	10/19			
	2016	4/12	6/15	7/1	8/2	9/19	10/5				
	2017	3/30	5/17	7/4	8/5	9/6	9/22				
	2018	4/2	4/18	6/21	8/8	8/24	10/11				
	2019	4/21	6/8	7/10	8/27	9/28	10/30				



Figure S1 Field Photos of Experimental Sites