

**Table S1.** Acquisition times of Landsat-8, Sentinel 1 and 2 images.

Test sites	Test site #1	Test site #2	Test site #3
<b>Sentinel 2</b>	2019/11/30	2019/3/26	2019/12/21
	2019/10/11	2019/4/17	2019/09/22
	2019/09/21	2019/6/14	2019/07/14
	2019/07/13	2019/7/14	2019/05/05
	2019/07/08	2019/8/3	2019/03/26
	2019/06/23	2019/9/19	2019/02/09
	2019/05/06	2019/10/9	-
	-	2019/10/19	-
	Test site #1	Test site #2	Test site #3
<b>Sentinel 1</b>	2019/10/10	2019/3/30	2019/10/01
	2019/08/11	2019/04/23	2019/07/09
	2019/07/18	2019/06/22	2019/06/15
	2019/07/06	2019/07/16	2019/05/22
	2019/06/12	2019/08/09	2019/04/16
	2019/05/07	2019/09/14	2019/03/23
	2019/04/24	2019/10/08	2019/02/03
<b>Landsat-8</b>	2019/04/13	2019/03/26	2019/04/09
	2019/05/08	2019/06/14	2019/05/27
	2019/06/09	2019/06/30	2019/06/12
	2019/07/27	2019/07/23	2019/07/14
	2019/08/03	2019/08/01	2019/12/12
	2019/10/15	2019/09/18	-
	-	2019/10/20-	-