



**Figure S1.** Study sample sites Sentinel-1 radar Descending path vertical transmit and vertical receive (VV; **top**) and vertical transmit and Horizontal receive (VH; **bottom**) polarization average backscatter coefficients ( $\sigma^\circ$ ) time series for both the affected (**blue**) and non-affected (**orange**) sites for January 2015/2016–February 2021.