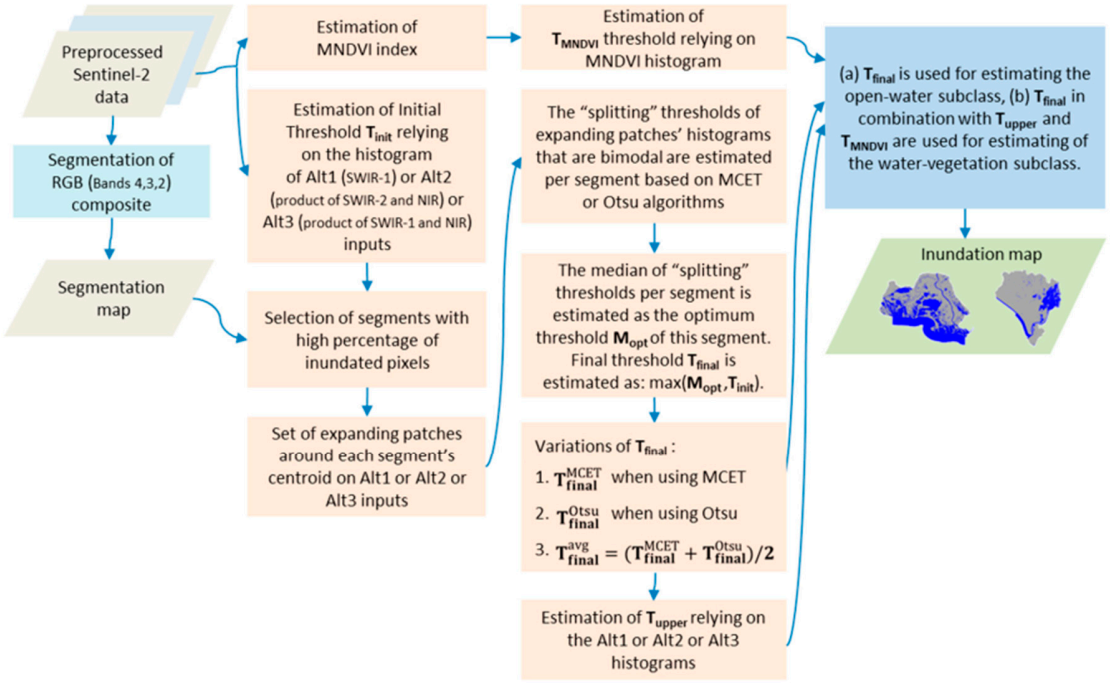


Figure S1: Schematic flow diagram of the automatic thresholding methodology adapted from [19].

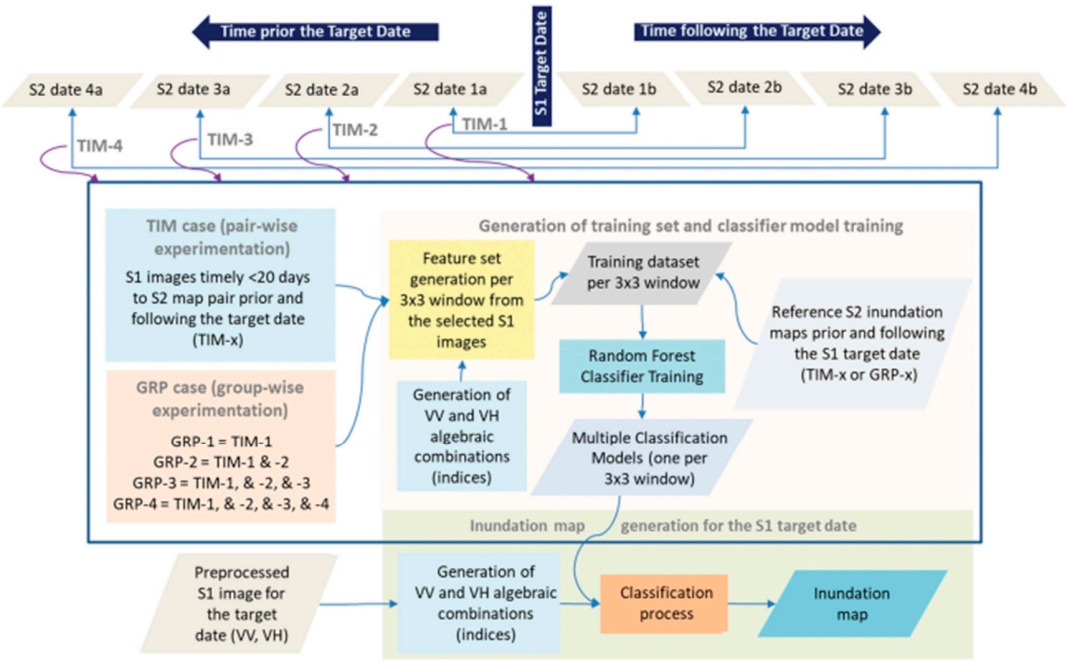


Figure S2: Schematic flow diagram of the pixel-centric classification approach with S1 and S2 data, adapted from [20].

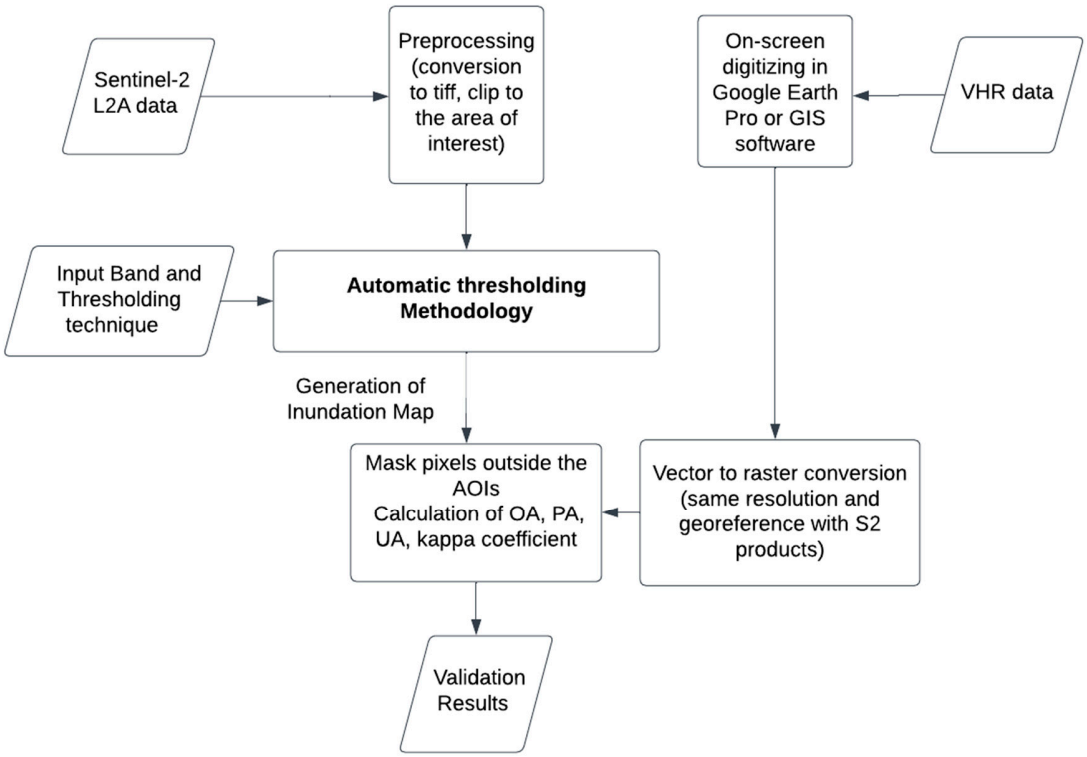


Figure S3: Schematic flow diagram of the validation process of the inundation maps generated with the automated thresholding methodology (section 3.1).

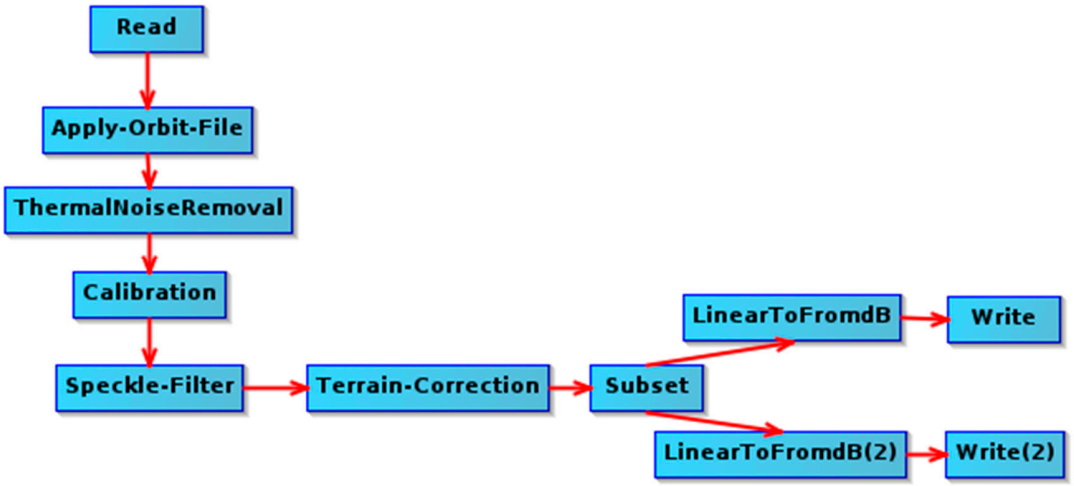


Figure S4. Graph for S1 products processing, created in Sentinel Application Platform (SNAP) [38].

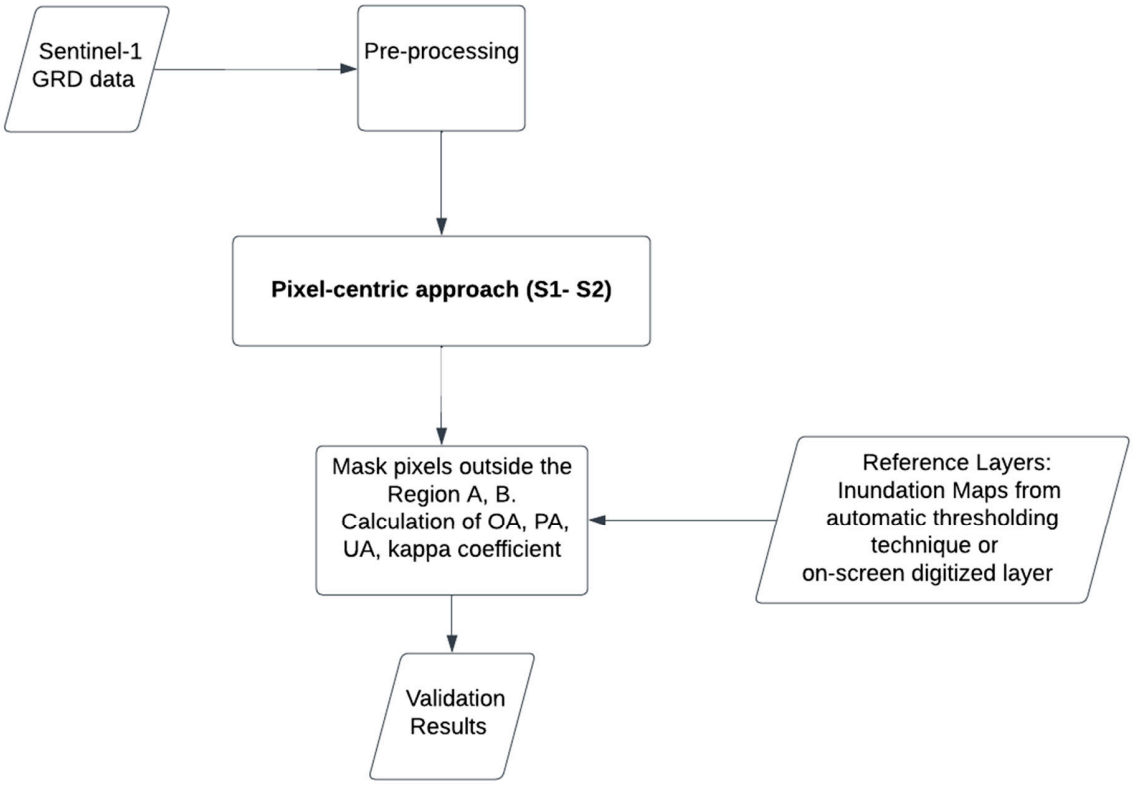


Figure S5: Schematic Flow diagram of the validation process of the pixel-centric approach (section 3.2).

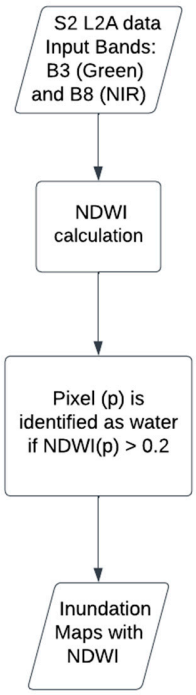


Figure S6: Inundation mapping with NDWI (section 3.4).