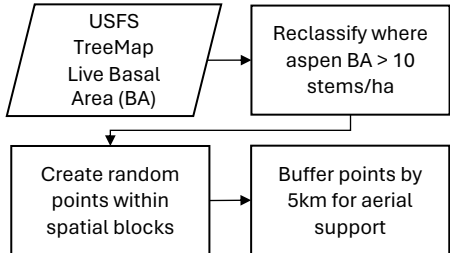
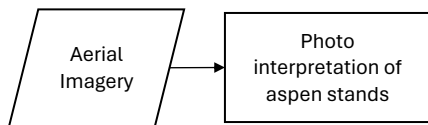


1. Creating Presence and Background Reference Data

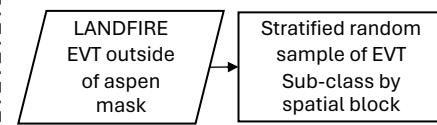
Create Initial Aspen Forest Mask



Aspen Reference Data (Presence)



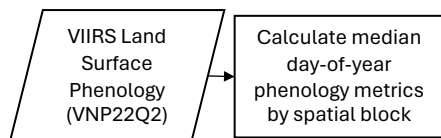
Background Reference Data



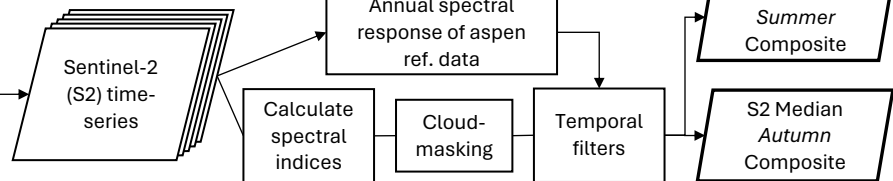
Presence and Background Reference Data

2. Creating the Sentinel-1 and Sentinel-2 Seasonal Composites

Calculate median phenology in aspen mask

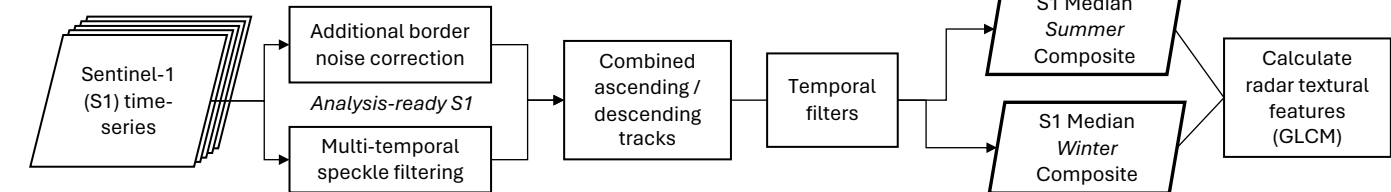


Generate the seasonal median spectral composites



Sentinel-2 Data

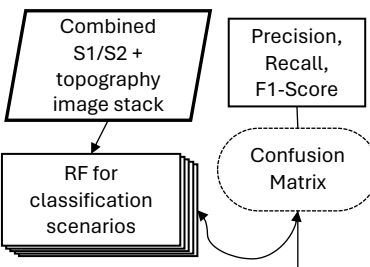
Generate the seasonal median radar composites



Sentinel-1 Data

3. Random Forest (RF) modelling incl. scenario testing and accuracy assessment

Run scenario testing



Best-performing classification scenario

Feature selection

Final RF model

Spatial block cross-validation

Sentinel-based aspen probability map

Threshold testing

Reclassified Sentinel-based aspen map

4. Agreement with Existing Products

