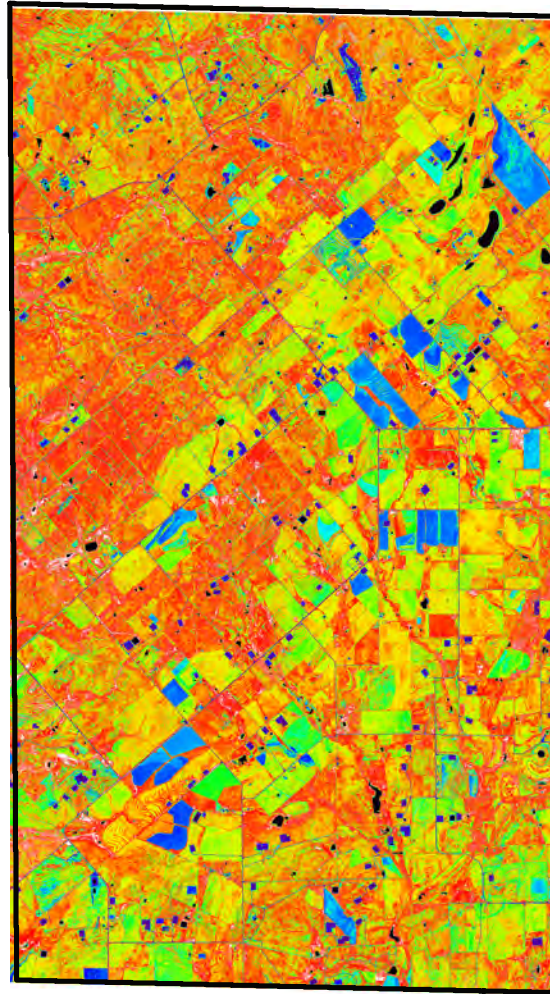


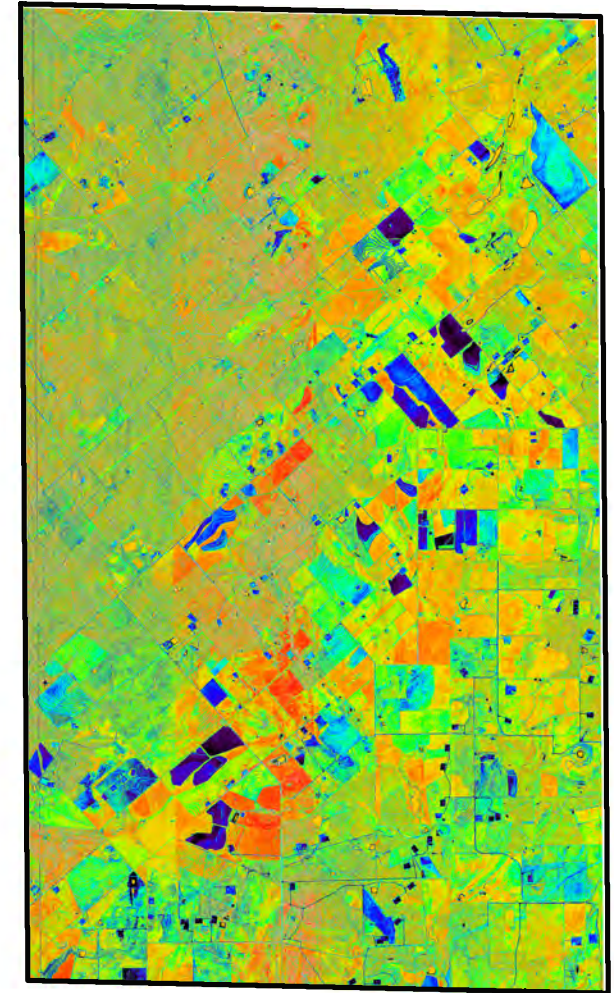
(a)



(b)



(c)



Supplementary Figure S1: (a) True color composite image shown in figure 2A. (b) Distribution of green and/or chlorophyll-abundant vegetation. (c) Distribution of dry, senescent and/or lignin/cellulose abundant (non-photosynthetic) vegetation. For both (b) and (c) a color raster temperature ramp is used depicting the lowest values in shades of black and blue, and the highest values in shades of red and white. Well exposed rock, regolith, mine waste, quarries, bare agricultural fields and oil/gas drill pads yield the lowest values in both vegetation indices. These images were used in vegetation masking, as explained in the text.