• The Dynamic Habitat Indices (DHIs) capture three aspects of annual productivity: cumulative (green), minimum (blue), and variation (red).
• Globally, the DHIs explain the majority of species richness in amphibians, mammals, and birds.
• Here, our remote sensing goal is to create a continuous time-series of DHIs from Terra, Aqua, Suomi NPP and JPSS data.
• Our scientific question is to identify where the DHIs have changed significantly – in a statistical sense.
• Updating DHIs from C5 to C6/7, and adding Suomi NPP/JPSS VIIRS data to time series.
• Developing QA flags and write an ATBD.
• Reassessing biodiversity models, adding reptiles.
• Analyzing trends in the DHIs with new statistical methods that account for temporal and spatial autocorrelation.