



## Predictive System

# Agricultural Drought



**Target:** Vegetation Health Index (VHI) at end of Season

**Inputs:** Meteorology (Temp, Precip), Hydrology (Soil Moisture), Climate Vars (Nino3.4), Static Variables (Orography)

**Challenges:** Encoding spatial-temporal information, how to utilise climate variables, masking, Vegetation health observed from satellites?