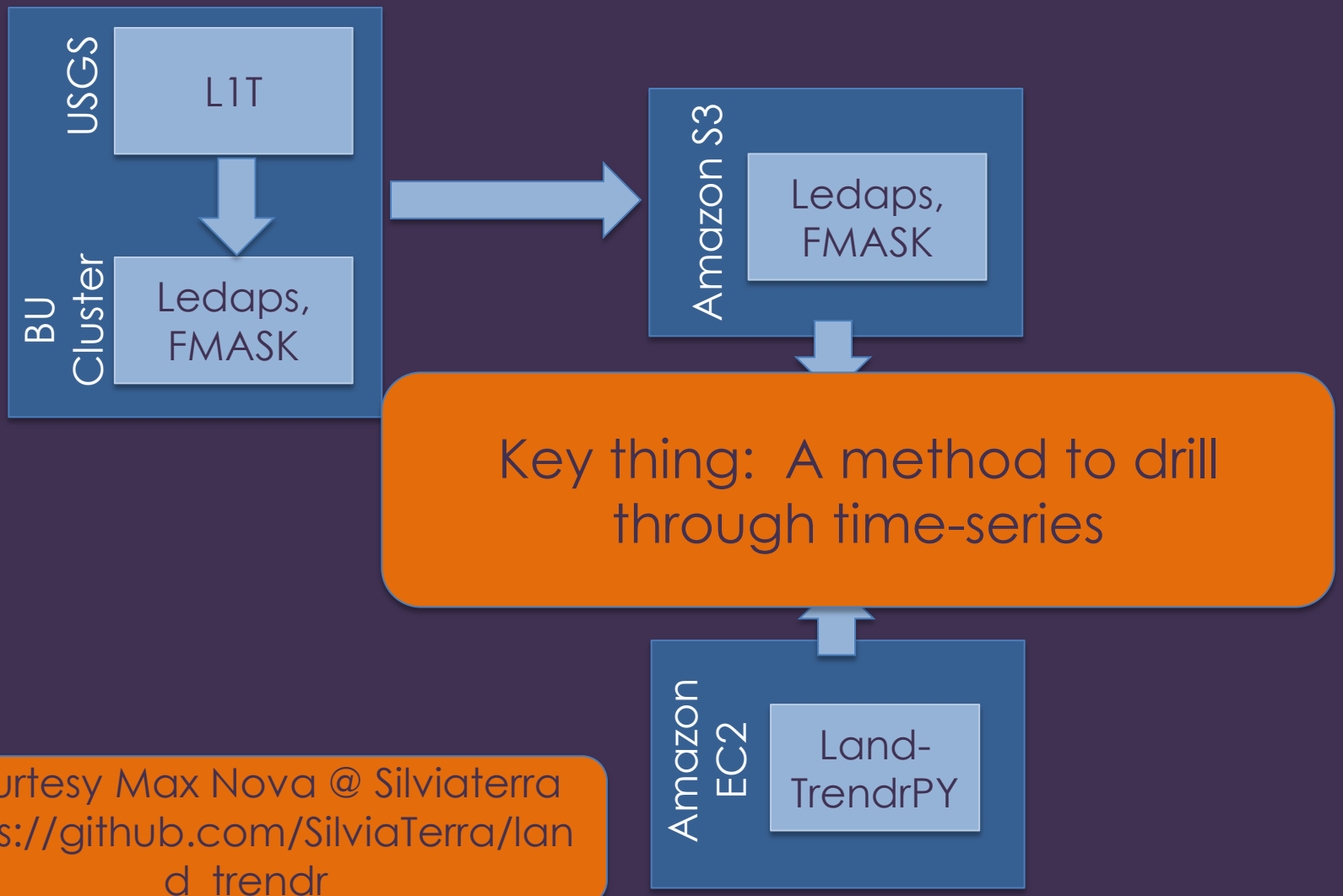
TEAM OPPORTUNITY: EMERGING OPTIONS FOR TIME-SERIES IN THE CLOUD

R. Kennedy

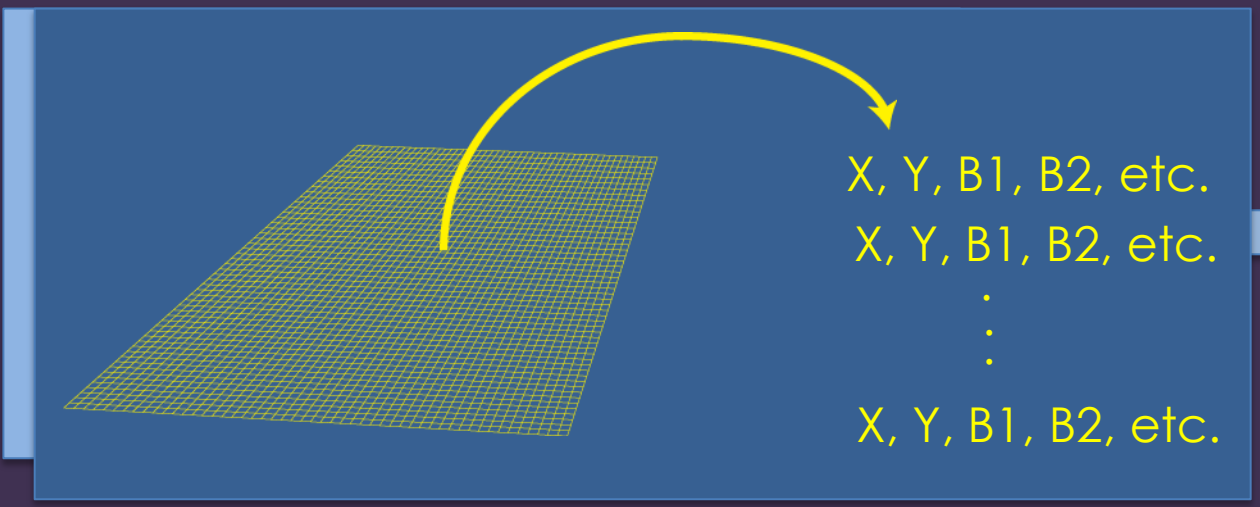
LT-Python AWS*



Courtesy Max Nova @ Silviaterra
https://github.com/SilviaTerra/land_trendr

MapReduce

Convert each image to list of X, Y, Band values



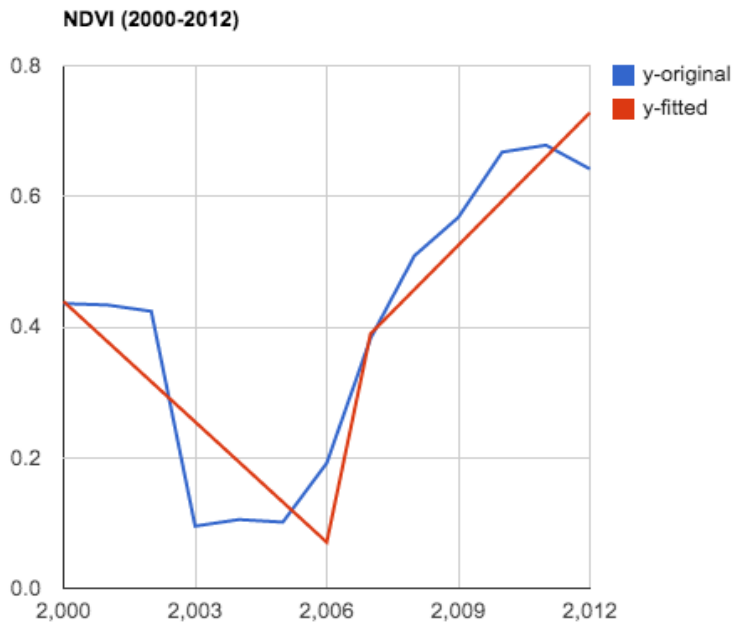
Use pixel X,Y WKT as Key to group all pixels from same location across all images

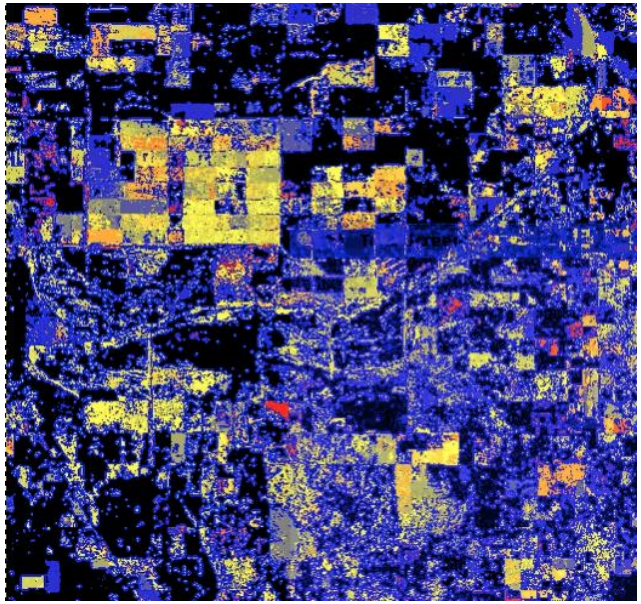
Time-series analysis

Use pixel X,Y WKT as Key to reconstruct image

EarthEngine*

LandTrendr prototype in Earth Engine





Year of maximum disturbance

* Courtesy Noel Gorelick