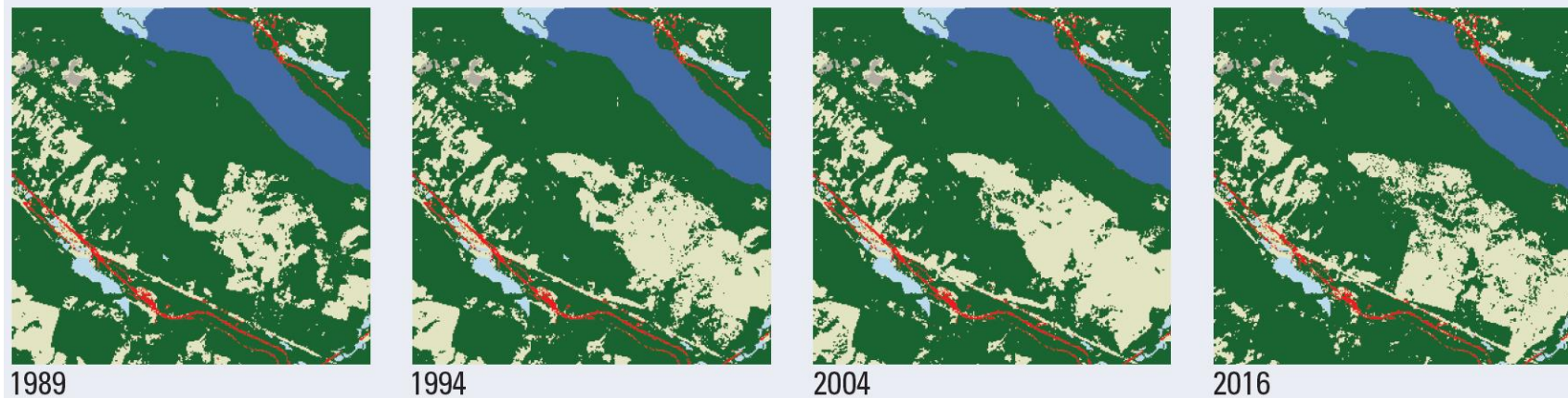
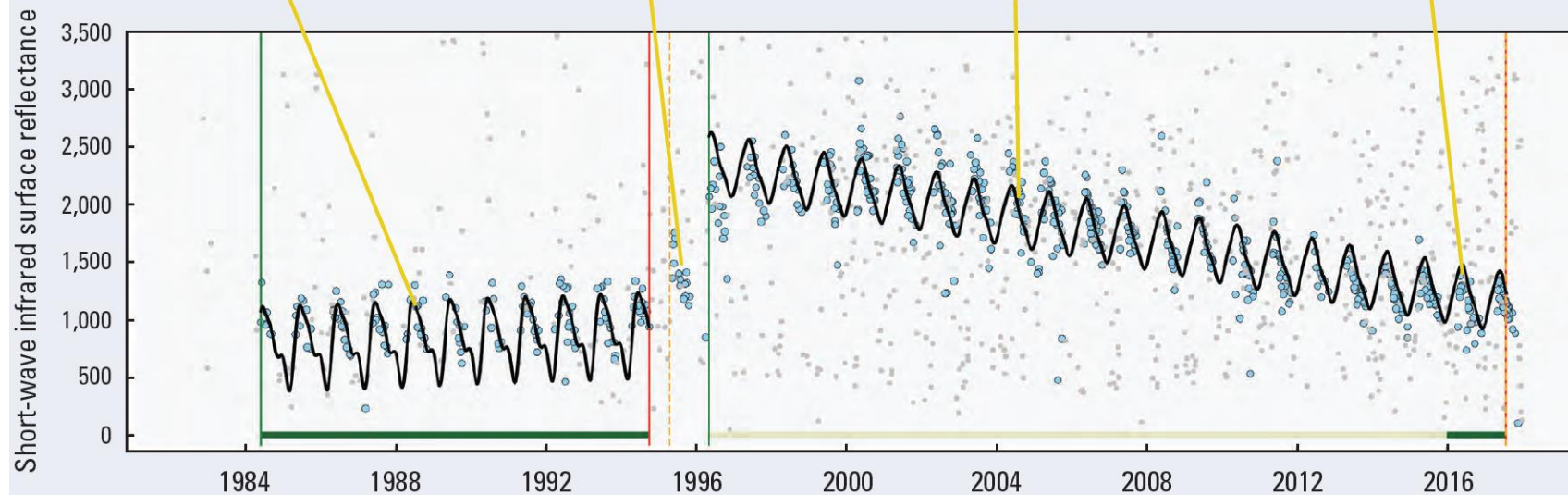
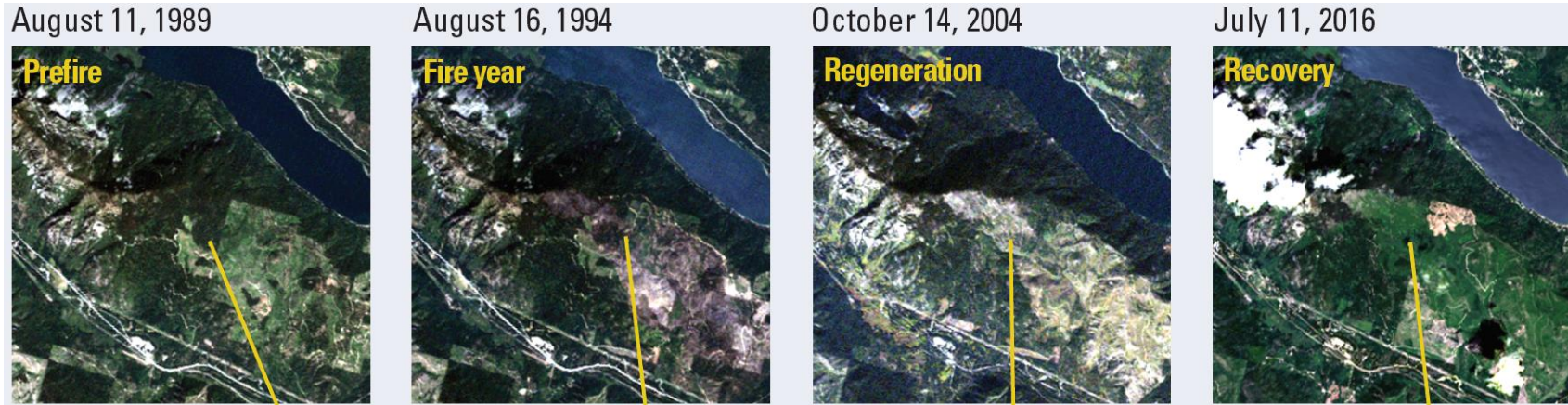


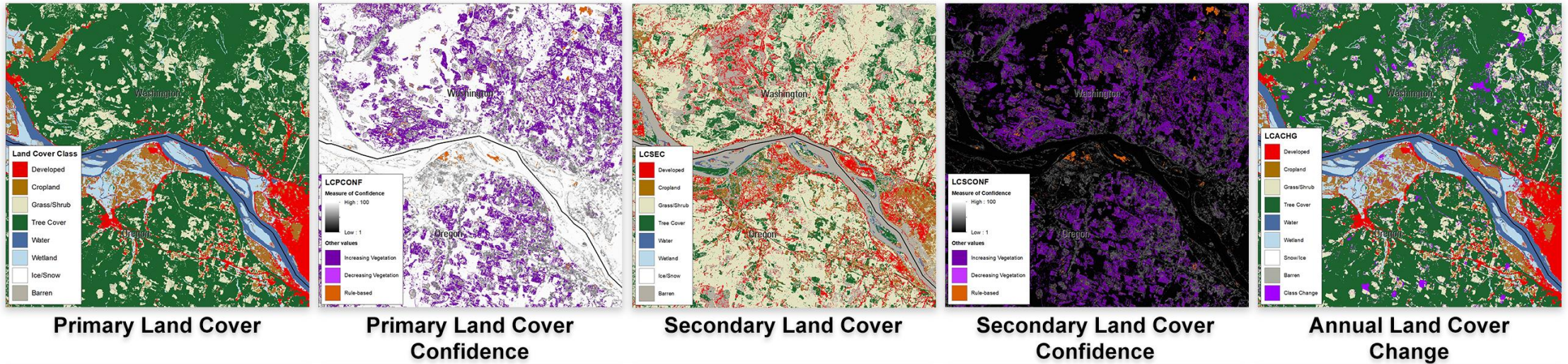
LCMAP

Land Change Monitoring, Assessment, and Projection

Continuous Change Detection and Classification



Version 1 LCMAP Products



Suite of 5 land cover and 5 land surface change products are provided for each year from 1985-2017 at a 30m spatial resolution (July 1st snapshot)

Time Sequence of Primary Land Cover

Understanding drivers and impacts of land surface change

1985



Washaway Beach, North Cove Washington

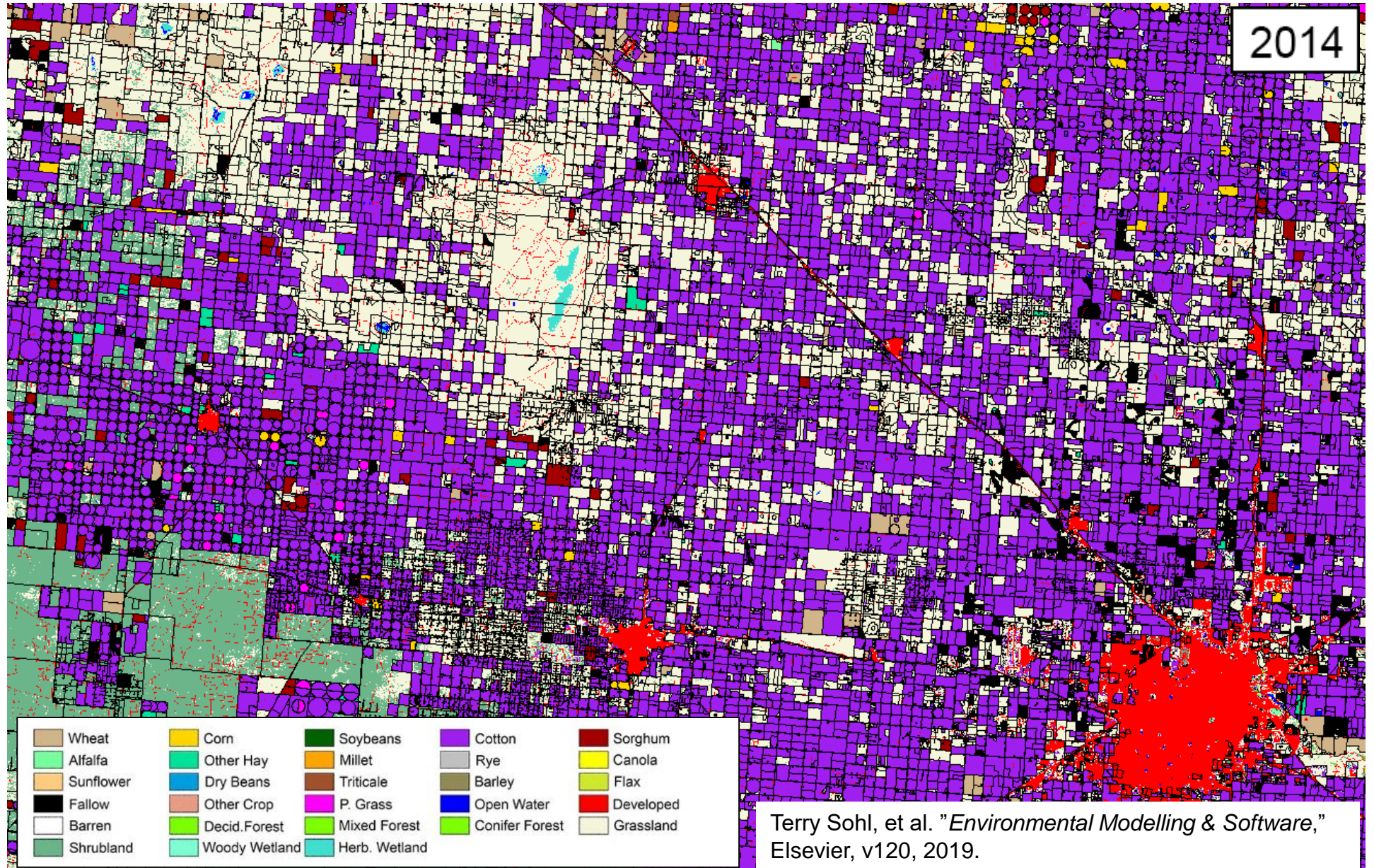


Long-term projection scenarios

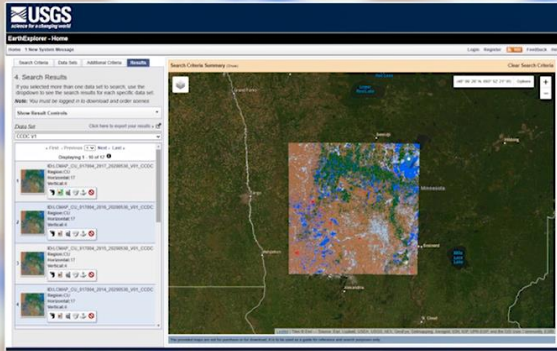
Projected effects of Ogallala aquifer decline near Lubbock, TX

FOREcasting
SCENarios
of Land-use
Change
(**FORE-SCE**)

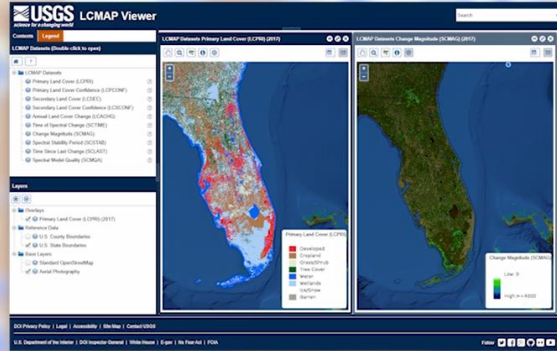
As the aquifer becomes depleted, irrigated cotton (purple) can no longer be supported, and ag fields shift either to dryland wheat, or revert to grass or shrub states.



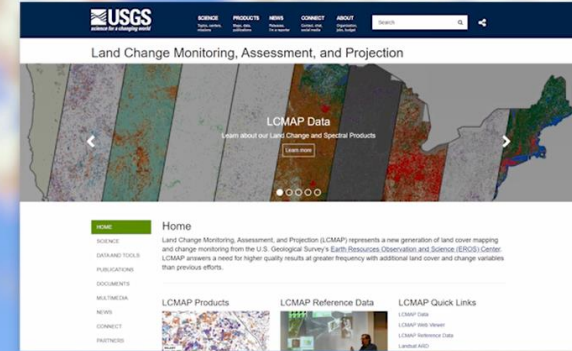
Terry Sohl, et al. "Environmental Modelling & Software," Elsevier, v120, 2019.



Earth Explorer
earthexplorer.usgs.gov



LCMAP Viewer
eros.usgs.gov/lcmap/viewer



LCMAP Website
usgs.gov/land-resources/eros/lcmap

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