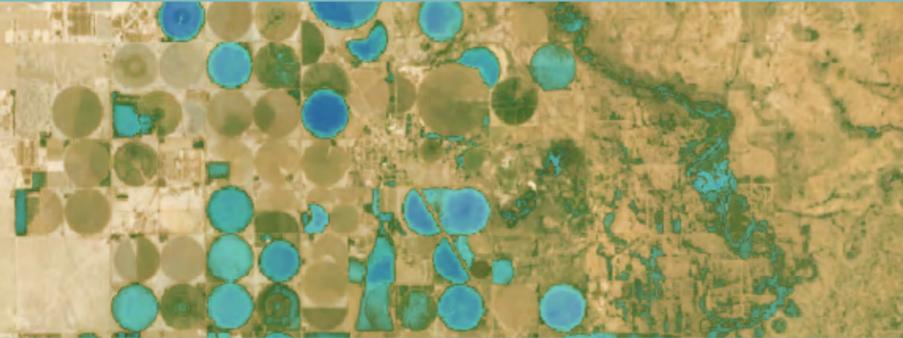


# NASA + AGRICULTURE

## Water Management + Drought

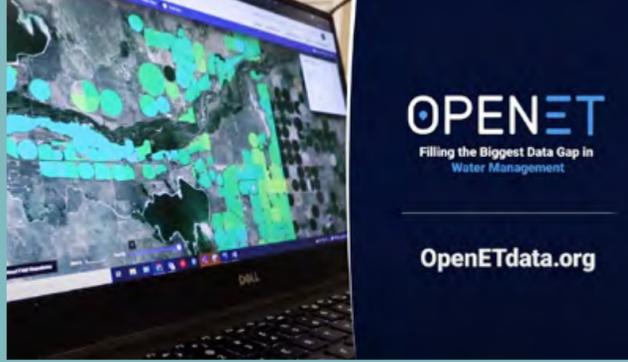


NASA's high-tech instruments, satellites and computer models are put to use daily to provide crucial data on water use, quality, and availability.



### Tracking Water Use From Space

With a focus on Nebraska, this is an overview of NASA tech used in managing water used for soy, corn and other crops. [+VIDEO](#)



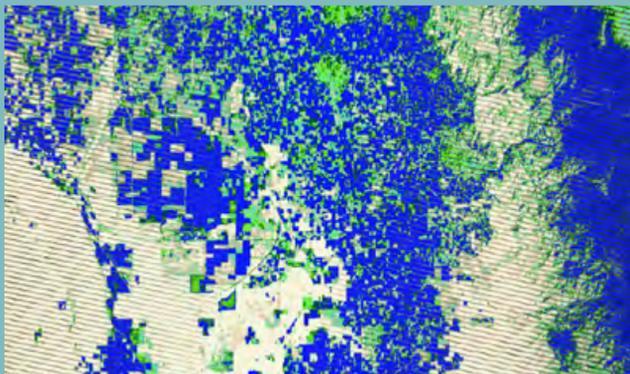
### OpenET: Transforming Water Management in the American West

OpenET is a platform that uses daily and hourly NASA satellite data to provide field-level water use in Western US in a free and open to the public format. [+VIDEO](#)



### OpenET: A Transformative Tool for Tracking Water Use

Across 17 Western U.S. states, this open and publicly available resource is providing field-level data on water use. [+ARTICLE](#)



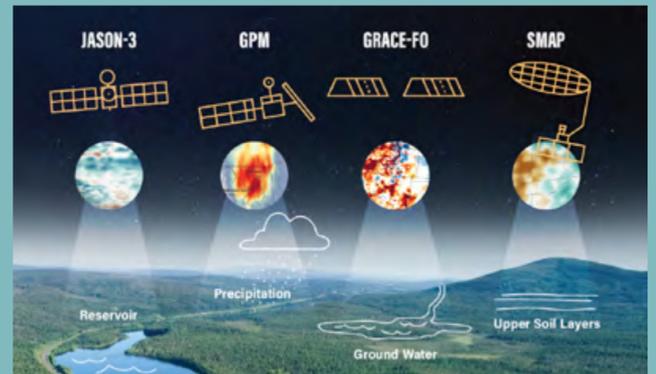
### Landsat Imagery Sheds Light on Agricultural Water Use

Researchers armed with data from the Landsat Earth-observing satellites recently teamed up with Google to make it easier to keep track of just how much water gets used—and making sure it gets used efficiently and legally, where and when it's needed—across millions of acres of crop land. [+ARTICLE](#)



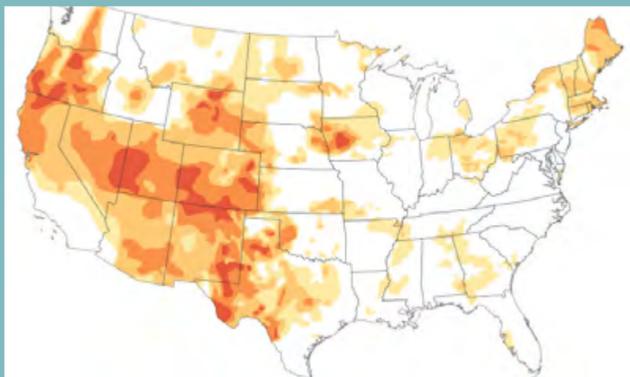
### NASA Watches over Water to Help Grow our Groceries

Overview of how NASA data is used in tools like CropManage which creates customized fertilizer and irrigation guides. [+ARTICLE](#)



### Drought makes its Home on the Range

Drought is a complicated problem that requires innovative research and lots of data. Earth-observing satellites from NASA and its partners collect data on various signs of drought, such as lack of precipitation and snow pack, low water levels in reservoirs and streams or dry soils, and depleted groundwater. [+ARTICLE](#)



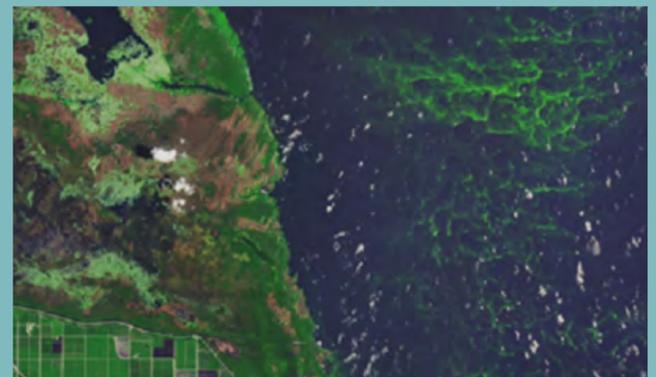
### A Third of the U.S. Faces Drought

NASA resources in use during the historic 2020 drought across the U.S. [+ARTICLE](#)



### Food Security from Space: Water Availability

Monitoring indicators of water availability for agriculture. [+PDF](#)



### Food Security from Space: Water Quality for Agriculture and Aquaculture

NASA assets used in assessing water quality for livestock, irrigation and other uses. [+PDF](#)

