



EARTH MONTH AT GODDARD

October 2021

**Goddard will celebrate Earth Science Week throughout the month of October.
These talks will not be recorded.**



Oct. 6, 2021 – Gary Partyka

Will talk about the mechanisms which triggered some of the most notable floods of 2021, including a possible unique characteristic of the remnants of Hurricane Ida which may have been responsible for increasing the severity of flood rates in the Northeast United States.



Oct. 12, 2021 – Dalia Kirschbaum

Will talk about how water is what makes Earth unique, and freshwater is what makes us all thrive. However, just small fraction of Earth's water is freshwater available to us to consume and use for our daily lives.



Oct. 13, 2021 – Matthew Rodell

Will talk about Groundwater providing for agriculture, industry, and municipal and domestic water needs. It is doubly valuable because it often remains abundant when rain and surface waters are not.



Oct. 18, 2021 – Christopher Hain (MSFC)

Will talk about remote sensing methods for monitoring consumptive water use, and global applications for mapping water use and drought across spatial scales extending from 5-km to 30-m “field-scale” estimates.

**These events will Start at 12 noon ET, and are available through Teams Meetings
[Click Here to attend!](#)**