

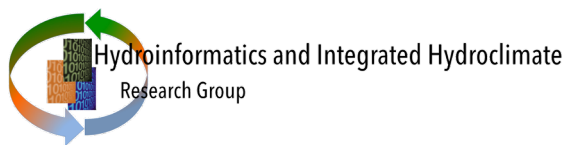
**Hydroclimatology**  
 NRES/METR/BSE 479/879 || 3 credit hours

**Global Flood Events by Type and Population Exposed**  
 ■ Heavy Rain ■ Tropical Storm/Surge ■ Snowmelt, Ice, or Rain ■ Dam

**Join us to explore how hydrometeorological and climate extremes affect infrastructure and communities' risk & resilience**

OUTCOMES:

- » Understand the climate and water systems' spatial and temporal scales of variation
- » Familiarize with the conceptualization of earth system modeling
- » Work with land surface hydrologic modeling
- » Learn how climate influences the current paradigm of infrastructure's management
- » Create conceptual frameworks and applications to (re)design climate-resilient infrastructure.



**Spring 2021**  
 MW 3:30-4:45

*Questions?*  
 Contact Francisco Munoz-Arriola  
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PREREQUISITES: NRES 208 or METR 100 or METR/NRES 370  
 or AGEN/BSEN 350 (with permission request)