



## The Rich Dynamics of Waves on the Extratropical Jet

Weather in midlatitudes is tied to the dynamics of the extratropical jet. The jet supports waves that play a fundamental role in the baroclinic evolution of midlatitude cyclones. Waves on the jet are in turn influenced by weather systems of extratropical and subtropical origin. This talk will review the diversity of mechanisms by which waves on the jet are modified through baroclinic, barotropic, and diabatic processes spanning a wide range of time and spatial scales. Implications for the simulation and predictability of waves in numerical weather and climate prediction systems will be discussed.



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**Time:** 3:00 PM, Friday, Nov. 12, 2021

**Location:** EOA 1050 (in-person portion)

**Zoom Link:** <https://fsu.zoom.us/j/97035294699?pwd=R2YvaDc1M0dzT0xvN3piR3p5dHJOUT09>

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