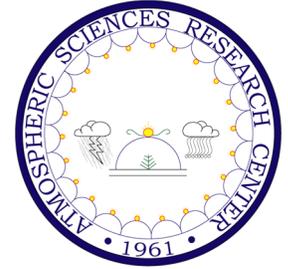




Atmospheric Sciences Research Center's Summer 2021 Falconer Lectures



Tuesdays Biweekly @ 7PM • July 13 – August 24, 2021
Open and free to the public virtually via Zoom
Register to attend at: <http://bit.ly/2OWAxds>

July 13: “Overview of the NY State Mesonet, Regional Weather Patterns and Phenomenon Uncovered,” Scott McKim, Research Support Specialist, Atmospheric Sciences Research Center, University at Albany.

The U-Albany-operated NY State Mesonet is a state-wide network of 126 research-quality weather stations with at least one station in every county. It was rolled out in 2015 and is designed to provide accurate real-time weather and soil moisture measurements for application in agriculture, weather forecasting, emergency management, state transportation, utility grid, insurance, and recreational sectors. Come hear how the network is being utilized to better monitor and understand high-impact severe weather events in this age of heightened interest in climate change impacts in NY. The talk will conclude with some thoughts on local North Country weather phenomenon uncovered by this new dense network of weather stations and a look ahead at the summer and fall weather forecast.

July 27: “Birds and Climate in NY’s High-Elevation Boreal Forest,” Jeremy Kirchman, Ph.D., Curator and Ornithologist, New York State Museum, Albany, NY.

The songbirds that breed in the evergreen forests of the Catskills and Adirondacks are the subject of ongoing research. In this talk, Dr. Kirchman will share what climate data, field surveys, and DNA sequence analyses have revealed about the evolution of these bird communities and the ways that certain species have responded to recent climate change.

August 10: “The History of the ASRC Whiteface Mountain Field Station Summit Weather Observatory,” Paul Casson, Operations Manager, ASRC Whiteface Mountain Field Station.

The ASRC Whiteface Mountain Field Station Summit Weather Observatory has been in operation for over 50-years. This presentation documents the evolution of this iconic local landmark, from initial construction to present day instrumentation and operations.

August 24: “Ecological Restoration and a Practice of Healing,” Craig Milewski, Ph.D., MFA, Professor, Natural Sciences, Paul Smith’s College.

Ecological restoration has emerged as a discipline aimed at restoring ecosystem function and biodiversity, increasing resilience in a changing climate, and cultivating a more harmonious relationship to our ecology. In this presentation, the promise and appeal of ecological restoration as a practice of healing and as a lived experience is shared.



The Summer Falconer Lectures are normally held in person at the Atmospheric Sciences Research Center’s Whiteface Mountain Field Station at 110 Marble Mountain Lane in Wilmington, New York. However, due to COVID, the series is being held virtually, via Zoom, until the end of the pandemic crisis. We look forward to seeing you all in person again soon!

Tax-deductible donations to sustain the Falconer Lecture Series may be made online at <https://www.albany.edu/giving>. Just click “Give Now”, then “View All Areas of Support”, and enter “Attention: Ray Falconer Fund” in the comment box.