



CLIMATE CHANGE GARDEN GROWS

HOW DOES YOUR RESEARCH GARDEN GROW? THAT'S A QUESTION Syracuse University biologists and students will explore in the Climate Change Garden, a unique outdoor laboratory next to the Life Sciences Complex. Biology professors Jason Fridley and Doug Frank, in collaboration with colleagues from SUNY College of Environmental Science and Forestry, developed the garden landscape—which features nearly three dozen species of trees and shrubs—as a way to study the impact of climate change on local forests, as well as species distributed to the south and west that may become better adapted to the changing conditions in Central New York. The scientists will monitor the trees and shrubs, gathering real-time data that will allow them to analyze the effects of changes in temperature, precipitation, soil, and other variables on the vitality of the trees. The information will be archived and made available on a website, providing the opportunity to compare conditions and the physiological state of the trees through the years. “This garden is going to benefit generations of SU students,” Frank says.



Biology professor Doug Frank examines a tree in the Climate Change Garden.



To watch a video about the garden, go to news.syr.edu/climate-change-garden-grows-38872/.



SYRACUSE UNIVERSITY MAGAZINE

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