

# Video: Why we need to preserve maritime forests

January 31 2024, by Francesco Fiondella

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Credit: Unsplash/CC0 Public Domain

While collecting cores from oak trees on Fire Island National Park,

Nicole Davi, a dendrochronologist who works at the Climate School's Lamont-Doherty Earth Observatory, explains the critical role maritime forests play in protecting our coastal communities from storms. The tree-ring records she builds will help us understand how these ecosystems are responding to climate change.

"I love maritime forests. I think they're beautiful and just so dynamic and complex—there are so few of them," Davi says. "They're also right behind the ocean. I think of them as being on the front lines. I'm really interested in how climate is impacting these trees through extreme events like hurricanes, multiyear droughts and strong storms."

*This story is republished courtesy of Earth Institute, Columbia University*  
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Provided by State of the Planet

Citation: Video: Why we need to preserve maritime forests (2024, January 31) retrieved 10 May 2024 from <https://phys.org/news/2024-01-video-maritime-forests.html>

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