

OAK RESILIENCY ASSESSMENT TOOL

A RESOURCE FOR LANDOWNERS, FORESTERS, AND NATURAL RESOURCE PROFESSIONALS





Tool Summary

This assessment tool can tell you important information about oak forests, including:

- Overall site vulnerability
- Range of impacts and adaptive capacity
- Issues of concern
- Potential management pathways

The tool produces a report that provides extensive resources to accompany existing or new forest management plans.

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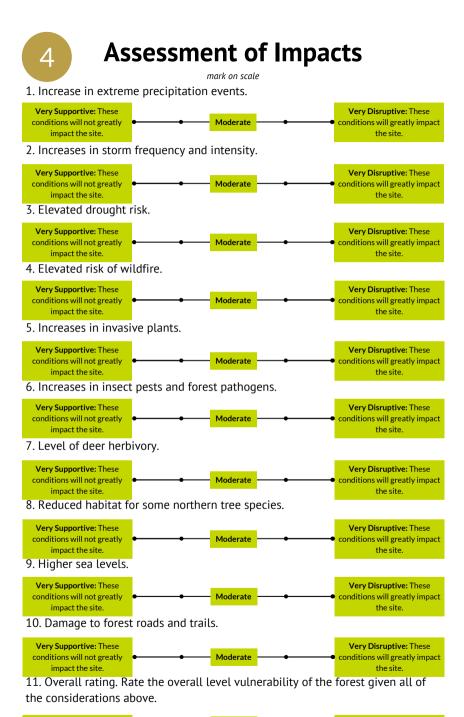


Site Description

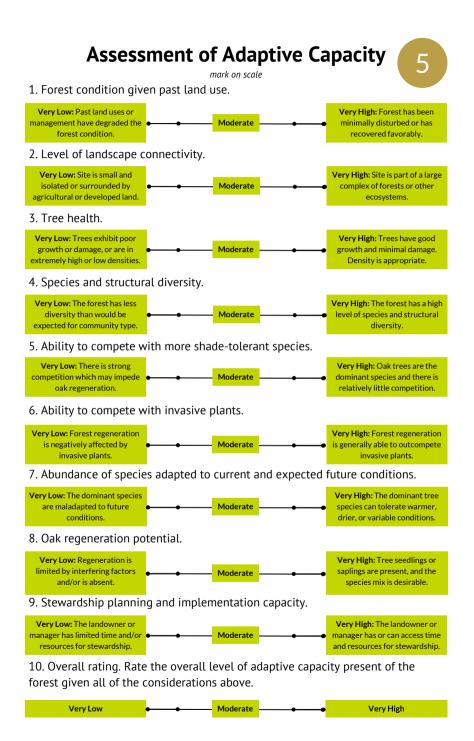


Site acreage:
Site description:
Site location (address or map latitude/longitude):

Take a photograph of the stand.



Very Supportive	••	Moderate		Very Disruptive
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Report Summary

Overall site vulnerability:



Score Feedback

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Your Overall Site Vulnerability is moderate based on your rankings of Impact and Adaptive Capacity scores. Your Impact ranking is moderate and your Adaptive Capacity ranking is moderate. Below you will see potential pathways for management of your oak stand(s) and issues of concern that may need to be addressed.

Site Range

The site range will indicate how much adaptive capacity compared with impacts your site has.

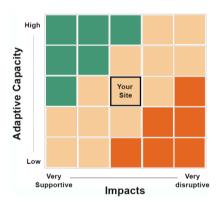
Issues of Concern

These are issues you should consider when planning your management of your site.

Potential Pathways

- Resistance actions
- Resilience actions
- Transition actions
- No action

Site Image





Issues of Concern



Circle all that may apply

Invasive Plants

Herbivory

Extreme Precipitation

Extreme Weather Events

Drought

Competition

Wildfire

Sea Level Rise

Pests and Pathogens

Resistance, Resilience, and Transition

- <u>Resistance actions</u> are designed to work against the effects of climate change and maintain the forest in its current condition.
- <u>Resilience actions</u> focus on increasing the capacity of the ecosystem to cope with climate change and other stressors while maintaining its fundamental character.
- <u>Transition actions</u> intentionally accommodate ecosystem change, rather than resist it. These actions work to move forests toward conditions that are expected to be better adapted to future conditions.
- Landowners and forest managers can intentionally decide to take <u>no action</u> in managing their forests, which allows forests to mature and be influenced by natural succession and disturbance dynamics rather than human intervention.



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Find the tool by scanning the QR code with your phone's camera or by visiting: www.uvm.edu/femc/oak_resiliency