

## **Scenic Resource Protection in the Hudson River Valley**

Hudson River Estuary Program Conservation and Land Use Webinar Series

June 15, 2021 1:00 – 2:15 pm

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All right, well, good afternoon everyone.

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We were going to get started. Now, my name is Nate Nardi Cyrus, and I'm a Conservation and Land Use Specialist with the New York State Department of Environmental Conservation's

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Hudson River Estuary Program through a partnership with Cornell University. Welcome to our Conservation and Land Use webinar series,

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which provides the foundation in important conservation and land

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use planning topics for members of conservation advisory councils and boards as well as members of planning and zoning boards, elected officials,

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land

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trust staff,

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and other interested citizens. So let's just start off with a quick review of a few important webinar details.

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You should be able to connect to the audio through your computer or by phone and you can find different audio options at the bottom of the screen by clicking the "Connect audio" button. If you're having difficulties with audio through your computer,

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I recommend calling in by phone or requesting a call back, and we're also going to put that call in number in the chat box in case you can't hear this.

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If you're having any other difficulties, please direct your questions via the chat box in the bottom right hand corner of the screen. You should use the question and answer box to make questions for the presenters

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and not the chat box. Also note that your lines have been muted during this presentation and the webinar is being recorded and we will notify you when that recording is available. At the end of the webinar there's gonna be a three-question survey, that pop ups

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and we really appreciate and welcome any feedback you have on our programs. And lastly for those of you seeking municipal training credit, you will receive an automated email from at the end of this certifying your attendance.

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For those of you who may be new to our series, the Hudson River Estuary Program is a unique program at the New York State Department of Environmental Conservation, which was established to help people enjoy, protect, and revitalize the Hudson River and its Valley.

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So our program works throughout the 10 counties

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bordering the title Hudson River from upper New York harbor to the federal dam at Troy to achieve many key benefits that include clean water, community resilience to climate

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Change, the vital estuaries ecosystem, and its fish, wildlife, and habitats,

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00:02:11.069 --> 00:02:18.900

natural scenery of the valley, which will discuss today, and opportunities for education, access, recreation, and inspiration on the river.

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And I just want to let everyone know that our new draft action agenda that defines our program's goals and actions for the next 10 years is now available on our program website. So, I encourage you to give that a, a read and provide us with any feedback that you might have.

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Before I get started, I just want to give a quick

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plug for next month's webinar on July 20th at 1 PM, our conservation and land use team will provide an introduction to online tools for conservation planning,

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including the Hudson Valley

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Natural Resource Mapper,

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and our new "Conservation Planning in the Hudson River Estuary Watershed website."

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And Ingrid is going to be posting all these links in the chat box. So make sure you check that out.

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Okay, so I'm happy to introduce our first speaker today. George is an associate professor of practice at Cornell University is Department of City and Regional Planning.

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His primary areas of expertise are in urban design and comprehensive land use planning and zoning with a particular emphasis on addressing the needs of agriculture and the protection of environmentally sensitive lands.

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And since 2016, he's been working with his students to help Hudson River communities inventory and protect their most valuable scenic resources. After George is finished with his presentation,

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I will immediately follow with a look at some Hudson Valley- specific examples of scenery protection and then we'll end the webinar today with some questions from you. So with that I'm going to pass the ball on over to George.

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Give me a quick moment.

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Okay, all right here you go, George, you should be able to share your screen.

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George, you're on mute, so you just gonna have to switch that off.

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Okay, there we go now.

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Or my next trip trick...

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Okay, can.

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See, my screen Yep, it looks good. George.

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George Frantz: Okay, excellent. Again, George Frantz here, and I'm going to talk about

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scenic resource identification and protection.

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And really give you a quick overview of the process.

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But let's just start out, you know, when we're prioritizing scenic

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resources for protection, we should really define them. And generally, a scenic resource is an area,

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feature, or site that is recognized, visited,

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and enjoyed by the general public for its inherent visual quality.

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So, my objective for the last several years in working

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in communities here and in the Finger Lakes,

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I have been identifying and protecting those scenic resources that are visible

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from the public domain, and the public domain is essentially our roads and highways.

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Parks, lakes, and rivers and other public spaces.

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Scenic resource protection is not just a matter of protecting the resource itself.

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But it also accrues multiple benefits to the community.

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In protecting scenic resources we're often protecting critical environmental resources, such as streams,

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Wetlands, old growth forest and critical wildlife habitat.

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We're also protecting and enhancing economic resources, such as agricultural lands, orchards and vineyards,

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our many tourist destinations.

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State and regional parks, historic landmarks and towns.

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Enhancing the economic viability of our

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museum networks.

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So, how do we assess landscapes? And this is.

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really based on some pioneering

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thinking, research by the US Forest Service.

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Back in the late fifties, early, 1960s.

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But what we're looking at is what's known as landscape character, which is the objects or features

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that give a place a unique identity.

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And literally a sense of place. We're also looking at the attractiveness of the landscape and how topographic features,

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water, vegetation, cultural

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and human features relate in terms of line, form, color, texture,

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and visual composition. These are essentially the aesthetic qualities of the landscape.

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And again, the picture you see is sort of one of those classic views

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Along the Hudson River, looking down into the Hudson Highlands and

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in this case, you have the wooded slopes of the Hudson Highlands descending steeply into the river.

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You have the gorge of the river itself. You have West Point in the background, which is also backdropped by Bear Mountain.

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So these are the features we look at

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in terms of the aesthetic qualities of the landscape.

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Another term we use is integrity, or the degree of intactness

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or the wholeness of a landscape, which includes the lack of disruptive or incompatible visual elements within the landscape.

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And in this particular photo, it's a good example because again, we have

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The lighthouse the Esopus Meadows lighthouse.

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And the Eastern Shore of the Hudson River.

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Which is primarily wooded.

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Within those woods, if you look closely.

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There's a couple of homes, but they're heavily screened by the woods themselves.

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And so, in terms of integrity, the eastern slope of the Hudson River, in this particular location,

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has a high degree of integrity.

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And that's something we look for in assessing

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scenic resources. Then there's the

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relative value placed on a viewshed by the community

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Itself. And again,



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00:09:19.139 --> 00:09:23.729

identifying and prioritizing scenic resources

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is a community exercise.

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And it's based on the relative value placed on a viewshed by the community,

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visual prominence of features within the viewshed.

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And again, what are the values of the community that leads it to decide what is an important scenic resource?

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00:09:48.989 --> 00:09:52.859

So, again, it's a community decision.

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Scenic resources are

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a reflection of community values.

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An open participatory process is critical

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to deciding what

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scenic resources are of importance

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to the community, and it leads them to a community consensus

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on what constitutes a scenic resources.

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And what significant scenic resources in the community are.

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Okay, it's very much a participatory exercise.

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So, there's actually 2 steps.

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In this whole process of

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prioritizing scenic resources.

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First, there is developing

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A scoring methodology to prioritize specific properties for protection.

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And this is actually taking the fairly common practice of surveying for scenic resources, identifying resources

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Within a community. Often is done through public surveys and the like, okay.

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We're trying to take it to the next step, which is okay, we understand what the scenic resources within our community are.

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The next question is, how can we protect them?

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And part of the protection process is to prioritize specific properties for protection.

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Because there's never enough

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in terms of resources, to protect everything.

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So, we've developed the scoring methodology to help communities.

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To prioritize which specific properties

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they should focus on protecting within their community.

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And also another decision is

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what are the most appropriate protection tools?

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Depending on again, on the community.

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And the protection tools range from

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acquisition to actually use of conservation easements

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to other land use tools, such as zoning.

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More, let's say

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appropriate approaches to subdivision residential development.

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And also of commercial development within the community.

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And I'll go over these items later in my talk.

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Scenic resource inventories are also

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an opportunity for communities, members of the communities

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to really consciously view the same resources

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that we all often pass

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00:13:13.528 --> 00:13:22.918

en route from point A to point B, but while we're passing them where often not really conscious of them.

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We sort of know that there, but do we actually really look at them?

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And so it's an opportunity to sort of slow down.

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And really, consciously look at the landscape

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that we pass through a practically on a daily basis.

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00:13:42.028 --> 00:13:45.749

And it's an opportunity to discover

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and record the cultural landscape

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within our communities, and also an opportunity to enhance awareness

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00:13:56.999 --> 00:14:00.269

and appreciation of the character

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00:14:00.269 --> 00:14:08.188

and the landscape of our communities.

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Back to sort of nuts and bolts, but

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the first step really in prioritizing scenic resources for protection

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is mapping.

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Mapping, starting with a basic tax parcel

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and assessment data for properties, within your community.

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Mapping of existing land use

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00:14:38.519 --> 00:14:46.708

within the community, what are and where are the ecological resources, which can be wetlands,

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lakes and other water bodies, streams.

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00:14:50.818 --> 00:14:56.219

Of course, the Hudson River, mature woodland.

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Steep slopes, identified.

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critical wildlife habitat.

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These are all ecological resources.

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That play a role in the whole process of prioritizing

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scenic resources and then.

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What are the existing public office space resources within the community?

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Things like public parks, public and private preserves.

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State forest lands, state wildlife management land, state parks.

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Okay, so what are the public open space resources?

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Where, and what are the agricultural land resources within the community?

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And then finally,

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Where are and what are the historic resources.

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within the community? These are all

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specific attributes that you want to map first.

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As a way of guiding you, as you go into the process of actually

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identifying and deciding what are the important

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00:16:16.349 --> 00:16:20.129

scenic resources within your community.

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The key thing here is

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already in many communities in the Hudson River Valley,

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there has been a lot of mapping completed.

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Through recent comprehensive plans,

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community preservation plans,

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Open Space plans, natural resources inventories,

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Farmland protection plans. And in addition the counties

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and land trusts have also been actively mapping

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the natural resources, the ecological resources, and in some cases, the scenic resources

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within the Hudson River Valley.

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So these are really the first

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tool if you want to look at what has already been done and how can you use the information that is already out there

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in order to start mapping your

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scenic resources. And by the way, also the state now has the Hudson Valley Natural Resource Mapper.

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Which is an online interactive map

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on the DEC website. The next step:

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Start making your list.

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What are the scenic resources within the community?

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00:17:54.388 --> 00:18:00.328

And you can compile a list a number of ways. You have a committee,

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members can start by doing windshield surveys of the community literally driving around

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00:18:09.719 --> 00:18:14.969

and identifying and noting location of at least candidates

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for scenic resource protection within the community.

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One community I know of actually had a very successful bus tour

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here in the Finger Lakes region.

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And that was sort of interesting because you had

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00:18:30.898 --> 00:18:37.078

20 people literally together, 20 sets of eyes looking at the landscape.

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00:18:38.548 --> 00:18:42.239

And on the bus, as they drive, stop, drive,

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00:18:42.239 --> 00:18:47.519

literally developing a consensus amongst themselves of,

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00:18:47.519 --> 00:18:52.709

“Hey, that looks really important. Hey, that may not be so important.”

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00:18:52.709 --> 00:18:55.769

Okay, and then there's

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00:18:55.769 --> 00:19:02.398

the typical public nomination process, which can either be mail-in,

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00:19:02.398 --> 00:19:14.669

it can be through an online survey or photo submissions of what local residents believe to be important scenic access or scenic resources. I'm sorry.

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And again, it's a way of compiling

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the information from the community.

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And also community forums.

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Particularly if they're more informal, I think, walk-in forums where residents can come in and look at maps,

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00:19:32.219 --> 00:19:35.729

talk about it and point out what they believe

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to be important, scenic resources.

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00:19:39.689 --> 00:19:43.828

And again, you can have a sticker map where people literally post

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00:19:43.828 --> 00:19:47.398

their nominations

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right there on the map.

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00:19:54.509 --> 00:19:58.979

We've got the list; then the next question is, how do we determine.

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the scenic resources that

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are most important, it would net the community the most benefit if protected,

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and thus should be prioritized for protection

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as part of a long term scenic resource protection program.

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And this is why we've been.

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We've developed numerical ranking, a numerical ranking process.

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To really help the community

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to prioritize scenic resources

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for protection in a relatively objective way.

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00:20:42.719 --> 00:20:45.778

That also during the process

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00:20:45.778 --> 00:20:50.489

create a stronger consensus for

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protection. Some of the

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00:20:57.689 --> 00:21:00.689

of factors that we use

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to rank or prioritize particular

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parcels of land or landscape for protection.

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One of the key ones is visibility.

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How visible is a particular scenic resource and what

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is in terms of the size of the audience

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00:21:22.979 --> 00:21:28.199

for a particular scenic resource? And again, the logic here is

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the larger the number of people who benefit

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00:21:34.409 --> 00:21:40.348

from the enjoyment of the scenic resource, the more important it should be in the community.

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So some of the tools we use are traffic volume data.

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A visitor data from parks.

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00:21:48.808 --> 00:21:53.848

And historic sites says get at least.

234

00:21:53.848 --> 00:22:07.318

An idea of the relative number of visitors, or viewers of a particular scenic resource and again, it may not be an exact number, but at least lets us

235

00:22:07.318 --> 00:22:11.398

compare scenic resources

236

00:22:11.398 --> 00:22:15.088

in terms of the number of viewers they might have.

237

00:22:15.088 --> 00:22:19.499

Okay, , then there's.

238

00:22:19.499 --> 00:22:24.479

one issue though, I want a caveat I should say about this is.

239

00:22:26.459 --> 00:22:33.898

In some communities, we got the interstate highways. 87 in particular (the Thruway).

240

00:22:33.898 --> 00:22:40.138

But there's also the Palisade Interstate Parkway and Taconic state parkway.

241

00:22:40.138 --> 00:22:46.558

And these actually raise an interesting question, because they are very high volume highways.

242

00:22:48.118 --> 00:22:53.219

But one of the decisions that a community has to make is.

243

00:22:54.598 --> 00:22:59.759

Yes, many many people might see a particular scenic resource.

244

00:22:59.759 --> 00:23:03.118

But are those people community members?

245

00:23:03.118 --> 00:23:06.749

Or are they simply travelers through the community?

246

00:23:07.798 --> 00:23:16.019

Of course, will enjoy the scenic resource, but does the community want to expend resources

247

00:23:16.019 --> 00:23:22.318

to protect the particular scenic resources along 87?

248

00:23:22.318 --> 00:23:29.009

Or the parkways? Or does it want to to allocate scarce resources

249

00:23:29.009 --> 00:23:32.159

to protecting the views

250

00:23:32.159 --> 00:23:37.138

that are enjoyed by community members and visitors to the community itself?

251

00:23:37.138 --> 00:23:41.308

So that's a question. .

252

00:23:41.308 --> 00:23:47.009

Another measure is the duration of the view.

253

00:23:47.009 --> 00:23:51.989

An example, in this particular photograph,

254

00:23:51.989 --> 00:23:56.878

there's about, there's well, over 1000 feet of

255

00:23:56.878 --> 00:24:01.378

which is actually a secondary county road for which

256

00:24:01.378 --> 00:24:05.128

this particular view of Apple orchards

257

00:24:05.128 --> 00:24:08.699

And the distant Oak Hill

258

00:24:08.699 --> 00:24:12.239

are visible . So

259

00:24:12.239 --> 00:24:16.108

the public using this particular roadway

260

00:24:16.108 --> 00:24:19.259

actually has a substantial amount of time

261

00:24:19.259 --> 00:24:24.388

to both recognize the scenic view, and also to enjoy it.

262

00:24:26.489 --> 00:24:29.729

Anything less than 400 feet

263

00:24:29.729 --> 00:24:33.509

is considered sort of the

264

00:24:33.509 --> 00:24:40.108

minimum distance where somebody's traveling at 40, 50 miles per hour

265

00:24:41.459 --> 00:24:45.628

can recognize the scenic view and then actually have time to enjoy it.

266

00:24:45.628 --> 00:24:48.808

So, road frontage

267

00:24:48.808 --> 00:24:56.429

less than 400 feet certainly don't want to reject such a parcel of land.

268

00:24:56.429 --> 00:25:02.608

But really, you want to get more priority to parcels of land where the motoring public,

269

00:25:02.608 --> 00:25:10.888

Bicycling public, have a much longer timeframe to actually enjoy the view. So that's where

270

00:25:10.888 --> 00:25:14.128

Again, the frontage on a public highway

271

00:25:14.128 --> 00:25:19.798

or even a publicly visible or accessible river, like the Hudson River.

272

00:25:19.798 --> 00:25:23.848

or stream shoreline. Another

273

00:25:23.848 --> 00:25:27.449

way of prioritizing

274

00:25:27.449 --> 00:25:34.679

land for protection - proximity.

275

00:25:34.679 --> 00:25:39.449

Proximity to existing public parks and preserves.

276

00:25:39.449 --> 00:25:46.409

Land Trust parks and preserves or land already protected by conservation easements

277

00:25:46.409 --> 00:25:49.409

is another factor to take into account.



278

00:25:49.409 --> 00:25:53.189

In prioritizing parcels of land.

279

00:25:53.189 --> 00:25:58.588

This proximity

280

00:25:58.588 --> 00:26:03.989

can enhance the protection of already existing protected lands.

281

00:26:03.989 --> 00:26:08.909

It can also create a critical mass of protected areas

282

00:26:08.909 --> 00:26:13.558

, particularly when you're applying things like conservation easement.

283

00:26:13.558 --> 00:26:17.338

You're protecting the much larger landscape

284

00:26:17.338 --> 00:26:22.739

when you can create these critical masses of protected lands.

285

00:26:23.969 --> 00:26:27.538

And also preserve the scenic continuity between

286

00:26:27.538 --> 00:26:31.378

parcels of land. Okay.

287

00:26:31.378 --> 00:26:36.328

I threw up the view from the front porch of Olana.

288

00:26:36.328 --> 00:26:40.648

Okay, which is very interesting.

289

00:26:40.648 --> 00:26:45.269

In that, in some cases, we sort of have lost

290

00:26:46.348 --> 00:26:49.528  
specific scenic viewsheds from Olana.

291

00:26:49.528 --> 00:26:54.689  
But at the same time, there's more recognition of the importance of protecting

292

00:26:54.689 --> 00:26:58.138  
not just the land immediately around Olana

293

00:26:58.138 --> 00:27:04.528  
State Historic site, but lands across the Hudson River.

294

00:27:04.528 --> 00:27:09.028  
The hillsides across the Hudson River.

295

00:27:09.028 --> 00:27:14.489  
The hills, the lands within the viewsheds to the south of Olana.

296

00:27:14.489 --> 00:27:18.778  
So this is what we mean by proximity.

297

00:27:18.778 --> 00:27:24.689  
Not just protecting the viewshed, but also protecting other

298

00:27:24.689 --> 00:27:27.868  
scenic resources in the process.

299

00:27:30.449 --> 00:27:35.189  
And ecological resources are another factor.

300

00:27:35.189 --> 00:27:39.298  
And it's not just the fact that we're protecting

301

00:27:39.298 --> 00:27:44.159  
the resource itself, whether it's an aquatic habitat,

302

00:27:44.159 --> 00:27:48.328

upland habitat woodland,

303

00:27:48.328 --> 00:27:55.709

vegetative habitat, but streams, wetlands, and lakes often indicate

304

00:27:55.709 --> 00:28:00.598

a diverse and visually appealing environment

305

00:28:00.598 --> 00:28:04.979

for the viewer. In this case

306

00:28:04.979 --> 00:28:12.028

there's in a number of locations the highway is right adjacent to Rondout creek.

307

00:28:12.028 --> 00:28:19.259

Okay, that is an appealing landscape and this is also where, and.

308

00:28:19.259 --> 00:28:22.558

Example of where frontage

309

00:28:22.558 --> 00:28:29.398

Along the waterway can be an important factor in prioritizing land for protection.

310

00:28:29.398 --> 00:28:36.479

Large tracks woodland, not only provide critical wildlife and plant habitat

311

00:28:36.479 --> 00:28:41.159

but also contribute greatly to the scenic quality

312

00:28:41.159 --> 00:28:49.288

of the landscape. Agricultural land

313

00:28:49.288 --> 00:28:57.298

is a defining feature of the Hudson River Valley, but it also creates these macro or panoramic view sheds

314

00:28:57.298 --> 00:29:03.479

throughout the Valley, and thus contribute greatly to the scenic view,

315

00:29:03.479 --> 00:29:11.459

beauty of the region. Historic sites

316

00:29:11.459 --> 00:29:16.528

are an integral part of a community's scenic character.

317

00:29:16.528 --> 00:29:20.098

And properties next to historic sites

318

00:29:20.098 --> 00:29:25.318

have value in protecting the integrity of landscape

319

00:29:25.318 --> 00:29:29.788

surrounding the historic sites.

320

00:29:29.788 --> 00:29:35.098

There's lists, of course, official

321

00:29:35.098 --> 00:29:38.878

list of historic sites in either a local

322

00:29:38.878 --> 00:29:43.318

A state or the national registry of historic places.

323

00:29:43.318 --> 00:29:48.659

But they do not have to be on any sort of official list.

324

00:29:50.128 --> 00:29:55.138

If a particular structure is important to the community,

325

00:29:56.729 --> 00:30:03.088

then it would qualify as distinct scenic resource, regardless of any official status it may have.

326

00:30:03.088 --> 00:30:07.138

Or may not have.

327

00:30:07.138 --> 00:30:13.048

Riparian frontage - another factor that we use.

328

00:30:13.048 --> 00:30:18.088

And because riparian shorelines in themselves to be visible

329

00:30:18.088 --> 00:30:27.028

and valued scenic resources, but they can also be highly valued building sites for homes.

330

00:30:27.028 --> 00:30:30.239

And thus are vulnerable to development.

331

00:30:30.239 --> 00:30:35.638

And the development of riparian shorelines

332

00:30:35.638 --> 00:30:41.459

can result in the introduction of discordant structures.

333

00:30:42.628 --> 00:30:45.868

And the degradation of scenic quality.

334

00:30:45.868 --> 00:30:49.949

And finally,

335

00:30:49.949 --> 00:30:56.068

development of the shoreline can also result in the disruption of habitat,

336

00:30:56.068 --> 00:31:02.278

Floodplains, and wetland ecology. So it's that added benefit:

337

00:31:02.278 --> 00:31:05.999

in addition to Scenic resource protection,

338

00:31:05.999 --> 00:31:09.298

we're also protecting the ecology

339

00:31:09.298 --> 00:31:13.078

of the shoreline.

340

00:31:15.568 --> 00:31:20.278

Steep slopes are both scenic assets

341

00:31:20.278 --> 00:31:25.979

in a community, but also as with the case of waterfronts,

342

00:31:25.979 --> 00:31:33.449

attractive development sites and so particularly slopes of 10% or greater

343

00:31:33.449 --> 00:31:39.088

Are where you also get the greater visual impacts of developments.

344

00:31:39.088 --> 00:31:44.368

And this can be in the form of excessive woodland clearing

345

00:31:45.538 --> 00:31:48.659

and oversized structures and

346

00:31:48.659 --> 00:31:52.888

they can have a significant negative impact.

347

00:31:52.888 --> 00:32:00.358

Slope is one of those factors that we can use for prioritizing

348

00:32:00.358 --> 00:32:05.489

land for protection. And then finally,

349

00:32:05.489 --> 00:32:12.358

parcel size.

350

00:32:12.358 --> 00:32:19.409

Parcel size is important, because essentially

351

00:32:19.409 --> 00:32:22.409

the most efficient way to protect

352

00:32:22.409 --> 00:32:27.659

the landscape is to focus on a larger parcels of land

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00:32:27.659 --> 00:32:35.878

within the landscape. You get essentially a much more bang for your buck, the public dollar

354

00:32:35.878 --> 00:32:39.898

when you can protect large parcels of land.

355

00:32:39.898 --> 00:32:44.489

As opposed to protecting multiple small parcels.

356

00:32:44.489 --> 00:32:49.348

Because the multiple small parcels may be also more expensive.

357

00:32:49.348 --> 00:32:53.189

But it's more difficult

358

00:32:53.189 --> 00:32:59.159

to negotiate with multiple landowners than to negotiate with one land owner.

359

00:32:59.159 --> 00:33:05.848

So we like to emphasize or give priority to larger parcels of land

360

00:33:05.848 --> 00:33:10.709

in our methodology and then

361

00:33:10.709 --> 00:33:14.878

finally development pressure

362

00:33:14.878 --> 00:33:20.398

is another factor. And this can be determined through

363

00:33:20.398 --> 00:33:24.659

basic analysis of census

364

00:33:24.659 --> 00:33:29.818

data for, let's say, for the last 2 or 3 decades to

365

00:33:29.818 --> 00:33:34.528

determine how rapidly or how much the community

366

00:33:35.878 --> 00:33:42.479

has been growing. One of the manifestations of population growth is, of course

367

00:33:42.479 --> 00:33:49.169

homes, new homes and so one of the factors we can use is

368

00:33:49.169 --> 00:33:54.808

the number of homes within a specified specific distance

369

00:33:56.219 --> 00:34:00.479

of a parcel land that's a candidate for protection.

370

00:34:02.189 --> 00:34:09.179

What is the land on the parcel and the surrounding land zoned for? Is it actually zoned for development?

371

00:34:09.179 --> 00:34:13.469

If it is, then that sort of increases

372

00:34:13.469 --> 00:34:17.548

the desirability of protecting that particular

373

00:34:17.548 --> 00:34:26.608

scenic resource. Is the parcel informally utilized already as a scenic open space resource?



374

00:34:26.608 --> 00:34:32.009

That indicates that it has value

375

00:34:32.009 --> 00:34:36.958

in the eyes of the public as a public resource.

376

00:34:36.958 --> 00:34:43.498

The map here is one from actually the Finger Lakes region that I wanted to point out.

377

00:34:43.498 --> 00:34:51.719

But in this particular scenic resource inventory, we actually tracked,

378

00:34:51.719 --> 00:34:56.219

using satellite imagery, literally

379

00:34:56.219 --> 00:35:00.688

each individual new home, business,

380

00:35:00.688 --> 00:35:06.389

et cetera that has been built in this particular region

381

00:35:06.389 --> 00:35:11.759

between 1994 and 2019 or a 25-year period.

382

00:35:11.759 --> 00:35:20.398

Ok, we're taking advantage of the fact that yes, we now have a quarter century of satellite imagery.

383

00:35:20.398 --> 00:35:25.858

That we can now use to literally track the development of

384

00:35:25.858 --> 00:35:32.099

literally individual homes within a region. And you know what this map shows is

385

00:35:32.099 --> 00:35:37.048

in the northern part of the study area

386

00:35:37.048 --> 00:35:40.409

there has actually been substantial development.

387

00:35:40.409 --> 00:35:45.418

But more importantly to us was the also the amount of development

388

00:35:45.418 --> 00:35:51.599

along the lake shoreline. Okay, so this was a map that we've used

389

00:35:51.599 --> 00:35:57.929

as a tool to help us identify where the development pressures are,

390

00:35:57.929 --> 00:36:03.869

to permit a prioritization of lands within

391

00:36:03.869 --> 00:36:08.518

the study area. So,

392

00:36:09.898 --> 00:36:15.059

we have those factors. Now, it comes down to actually ranking the parcels.

393

00:36:15.059 --> 00:36:19.498

And again, I want to emphasize again, each community is unique.

394

00:36:19.498 --> 00:36:24.239

And so each of the ranking systems

395

00:36:24.239 --> 00:36:32.188

should reflect the consensus of the community that is putting it together.

396

00:36:32.188 --> 00:36:36.628

This type of exercise is not something that

397

00:36:36.628 --> 00:36:40.918

let's say a community, they can look next door

398

00:36:41.969 --> 00:36:46.318

and use their neighbor's prioritization

399

00:36:46.318 --> 00:36:51.688

Methodology. It really needs to be specific to the community.

400

00:36:51.688 --> 00:36:56.699

Because each community has a unique landscape.

401

00:36:56.699 --> 00:37:02.608

Unique priorities and again, unique capacity to implement programs.

402

00:37:04.918 --> 00:37:08.248

So this is just an example

403

00:37:08.248 --> 00:37:15.958

of a ranking system that we utilize in one of our test communities.

404

00:37:15.958 --> 00:37:20.489

But you see historic sites: 0 to 5 points.

405

00:37:20.489 --> 00:37:25.559

Ecological value: 0 to 15 points.

406

00:37:25.559 --> 00:37:31.619

A higher priority more weight given to ecological value.

407

00:37:31.619 --> 00:37:38.909

And to active farm land, visibility from a public space, such as a public park.

408

00:37:38.909 --> 00:37:47.998

In one case, it was actually literally from the front steps of a particularly significant and very busy public building.

409

00:37:47.998 --> 00:37:51.389

Traffic volume.

410

00:37:51.389 --> 00:37:57.539

A road frontage, proximity to preserve land.

411

00:37:57.539 --> 00:38:03.719

And as I said, parcel size, population density, growth, et cetera.

412

00:38:03.719 --> 00:38:08.188

And slopes, so these

413

00:38:09.539 --> 00:38:14.159

10 attributes. The total score

414

00:38:14.159 --> 00:38:17.250

works out to a 110 points.

415

00:38:17.250 --> 00:38:22.800

This is just an example of

416

00:38:22.800 --> 00:38:26.909

a spreadsheet produced for another community.

417

00:38:26.909 --> 00:38:30.269

And again, you're going to start out with,

418

00:38:30.269 --> 00:38:33.780

in your database of tax parcels,

419

00:38:33.780 --> 00:38:37.650

somewhere around between 1000 and 2000 parcels.

420

00:38:38.880 --> 00:38:44.849

You're only going to be worrying about 100 of those parcels at most.

421

00:38:44.849 --> 00:38:48.150

Probably 50 or less, so.

422

00:38:48.150 --> 00:38:52.320

Because again, many of the parcels are going to be too small.

423

00:38:52.320 --> 00:38:59.880

And so they really get no points. So you could very quickly eliminate most of the properties

424

00:38:59.880 --> 00:39:04.170

within the community. But in this particular test case.

425

00:39:04.170 --> 00:39:08.880

See, we have the ranking number 1 priority parcel

426

00:39:08.880 --> 00:39:14.099

actually scored 95 of the 110 points.

427

00:39:14.099 --> 00:39:17.699

It's also a large parcel, a 180 acres.

428

00:39:17.699 --> 00:39:21.059

And then second, third.

429

00:39:21.059 --> 00:39:24.780

9<sup>th</sup> rank, We actually went to

430

00:39:24.780 --> 00:39:28.050

the top 20 or 25 parcels.

431

00:39:28.050 --> 00:39:32.550

And they became the list of priority parcels

432

00:39:32.550 --> 00:39:36.690

for protection by this particular community.

433

00:39:36.690 --> 00:39:42.480

Farmland was important in the top parcels.

434

00:39:42.480 --> 00:39:45.809

A parcel size, it's actually interesting, but

435

00:39:45.809 --> 00:39:56.789

180 ,314, 196 acres - those 3 parcels actually total about 700 acres of land.

436

00:39:58.110 --> 00:40:02.909

So, just the protection of those 3 parcels can have a significant impact

437

00:40:02.909 --> 00:40:07.170

on protecting the character of the landscape.

438

00:40:07.170 --> 00:40:12.570

And scenic resources.

439

00:40:14.670 --> 00:40:18.449

Okay, From.

440

00:40:18.449 --> 00:40:22.110

The priority list to

441

00:40:22.110 --> 00:40:30.599

a map, and this particular map, it shows the most important parcels to be protected.

442

00:40:30.599 --> 00:40:36.030

The ones that are shown in red, the first priority parcels.

443

00:40:36.030 --> 00:40:40.889

The mustard color, second priority parcels.

444

00:40:40.889 --> 00:40:44.460

And you can see much of the land.

445

00:40:44.460 --> 00:40:47.610

Many of the parcels within the community

446

00:40:47.610 --> 00:40:53.760

are non priority. Generally they are smaller parcels and they're also

447

00:40:53.760 --> 00:40:57.300

developed parcels. This is a suburban community.

448

00:40:57.300 --> 00:41:03.030

So really a small amount of the land is actually

449

00:41:03.030 --> 00:41:07.949

targeted for protection in this particular exercise.

450

00:41:07.949 --> 00:41:11.190

And in this case.

451

00:41:11.190 --> 00:41:14.699

Ah, the first

452

00:41:14.699 --> 00:41:18.210

priority parcels you can see

453

00:41:19.650 --> 00:41:23.099

right here actually surround

454

00:41:23.099 --> 00:41:28.469

Schunnemunk state park. This parcel is actually across the Valley

455

00:41:29.610 --> 00:41:34.590

From Schunnemunk mountain state park. This parcel

456

00:41:34.590 --> 00:41:39.389

is right on the northern edge of the town, however.

457

00:41:39.389 --> 00:41:44.159

there are significant views from US 9

458

00:41:44.159 --> 00:41:48.300

as it's coming across Storm King mountain

459

00:41:48.300 --> 00:41:52.530

of this parcel, and it's primarily woodland.

460

00:41:52.530 --> 00:41:56.730

And not heavily developed.

461

00:41:56.730 --> 00:42:00.480

And if I forgot to mention, yes, the green:

462

00:42:00.480 --> 00:42:03.539

public and private parks and preserves.

463

00:42:03.539 --> 00:42:13.559

Okay, so we have the priority parcels, the list here, and then the next step is for the community

464

00:42:14.880 --> 00:42:17.940

to determine what the appropriate protection tools are.

465

00:42:17.940 --> 00:42:21.630

And we'll talk about parcel based and area-

466

00:42:21.630 --> 00:42:25.619

and regional based protection measures.

467

00:42:26.820 --> 00:42:31.079

Parcel- based protection. I mentioned it before, but

468

00:42:31.079 --> 00:42:34.380

the primary tool will be the conservation easement.

469

00:42:34.380 --> 00:42:37.829



Which provides perpetual protection.

470

00:42:37.829 --> 00:42:41.219

On all or part of a parcel of land.

471

00:42:41.219 --> 00:42:45.000

However, it does keep it in private ownership.

472

00:42:45.000 --> 00:42:49.409

And through negotiation gets a landowner

473

00:42:49.409 --> 00:42:54.750

certain rights, in terms of what they can do with their land, where they can do.

474

00:42:54.750 --> 00:43:02.219

on the property, and it also does not have to include the entire parcel land.

475

00:43:02.219 --> 00:43:08.070

The conservation easement can be applied very strategically

476

00:43:09.360 --> 00:43:12.510

on just a limited portion of a parcel.

477

00:43:12.510 --> 00:43:18.420

Site plan design standards, primarily for commercial development

478

00:43:18.420 --> 00:43:24.840

along our public highways, they can include things like architectural design standards,

479

00:43:24.840 --> 00:43:30.150

location of parking, landscape screening

480

00:43:30.150 --> 00:43:33.869

for the commercial development, as viewed from the highway.

481

00:43:33.869 --> 00:43:38.400

And also, in some cases are limiting where

482

00:43:38.400 --> 00:43:42.869

the development can occur as a means of protecting

483

00:43:42.869 --> 00:43:49.710

a particular view shed from the highway and then finally subdivision

484

00:43:49.710 --> 00:43:55.170

design standards, and this is an example, I just

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00:43:55.170 --> 00:44:04.949

wanted to show you, but conservation subdivision design is a very, very effective way of protecting

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00:44:04.949 --> 00:44:12.449

scenic resources and the character of landscape as well as ecological resources.

487

00:44:12.449 --> 00:44:18.869

And in this example, this local zoning permits 5 acre lots.

488

00:44:18.869 --> 00:44:23.099

Okay, which does protect a lot of landscape however

489

00:44:23.099 --> 00:44:27.449

tt also spreads development out and in this case,

490

00:44:27.449 --> 00:44:31.440

to get the permitted 9 house lots,

491

00:44:31.440 --> 00:44:42.030

we have 4 of them here, although they're in the woods, they're at near the top of the bluff, overlooking the Hudson River.

492

00:44:42.030 --> 00:44:45.750

, so.

493

00:44:45.750 --> 00:44:49.199  
These homes could have really

494  
00:44:49.199 --> 00:44:54.809  
tremendous visual impact.

495  
00:44:54.809 --> 00:44:57.869  
Due to their location and the amount of clearance

496  
00:44:57.869 --> 00:45:02.099  
Of the surrounding woodland that they might require.

497  
00:45:02.099 --> 00:45:06.570  
To go with the conservation subdivision approach.

498  
00:45:06.570 --> 00:45:10.800  
It permits the developer to pool all the development

499  
00:45:10.800 --> 00:45:13.800  
up to the top of the hill,

500  
00:45:13.800 --> 00:45:20.280  
above the bluff bordering in the Hudson River.

501  
00:45:20.280 --> 00:45:25.320  
And outside the large track of mature woodland

502  
00:45:25.320 --> 00:45:29.400  
along the Hudson river and

503  
00:45:29.400 --> 00:45:34.019  
you can protect the woodland and the Hudson River shoreline

504  
00:45:34.019 --> 00:45:40.590  
through a conservation easement, and including a conservation easement that protects.

505

00:45:40.590 --> 00:45:44.280  
the existing historic green sward,

506  
00:45:44.280 --> 00:45:49.440  
from the mansion now, an institutional use

507  
00:45:49.440 --> 00:45:54.300  
at the top of the hill. So this is very parcel specific.

508  
00:45:54.300 --> 00:46:00.510  
In terms of area, regional approaches.

509  
00:46:02.699 --> 00:46:06.510  
Up to date comprehensive plans are critical.

510  
00:46:06.510 --> 00:46:10.079  
Because in the comprehensive plan, you can identify

511  
00:46:10.079 --> 00:46:17.190  
the scenic resources and identify protective measures for the public record.

512  
00:46:17.190 --> 00:46:20.730  
The next step is appropriate zoning.

513  
00:46:20.730 --> 00:46:25.079  
That channels, intense development away from

514  
00:46:25.079 --> 00:46:29.219  
open space resources and scenic resources.

515  
00:46:29.219 --> 00:46:33.269  
And in some cases, the zoning overlay districts

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00:46:33.269 --> 00:46:39.510  
will work, which actually targets specific areas of the municipality

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00:46:39.510 --> 00:46:46.110

for additional protection, and you can see here, this is in the town of Phillipstown.

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00:46:46.110 --> 00:46:50.010

Where along the river, they have an extensive

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00:46:50.010 --> 00:46:56.909

scenic protection overlay district, but they've also focused on protecting the view

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00:46:56.909 --> 00:47:01.469

from local roads and highways

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00:47:01.469 --> 00:47:05.219

within the town. Okay.

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00:47:05.219 --> 00:47:10.889

And then finally other approaches.

523

00:47:10.889 --> 00:47:14.250

Scenic Byway programs.

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00:47:14.250 --> 00:47:18.000

Bicycle pedestrian paths can actually serve as

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00:47:18.000 --> 00:47:21.960

spines around which or along which

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00:47:21.960 --> 00:47:26.969

you can protect critical and space resources and scenic resources.

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00:47:28.530 --> 00:47:35.130

And finally historic districts and heritage corridors are other tools that can be used

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00:47:35.130 --> 00:47:38.849

to protect the community's

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00:47:38.849 --> 00:47:45.989

Scenic resources. Okay. So very quick. And I apologize. Overview

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00:47:45.989 --> 00:47:49.289

of the topic. However,

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00:47:49.289 --> 00:47:52.889

you can see on your screen,

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00:47:52.889 --> 00:47:56.820

The Scenic Resource Protection Guide for Hudson River Valley

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00:47:56.820 --> 00:47:59.969

has just been published

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00:47:59.969 --> 00:48:03.989

by the DEC, the Hudson River Estuary Program.

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00:48:03.989 --> 00:48:08.070

And it is available on the DEC

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00:48:08.070 --> 00:48:15.329

Website. It fills in the many many gaps I left off in this process.

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00:48:15.329 --> 00:48:18.570

And it's designed to be a useful tool for

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00:48:18.570 --> 00:48:24.239

communities to use in the protection of scenic resources.

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00:48:24.239 --> 00:48:27.809

So, thank you very much. I guess Nate.

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00:48:28.949 --> 00:48:41.340

Nate Nardi Cyrus: Yeah, thank you so much George. That was really fantastic. I'm going to take the presentation back and share my screen.

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00:48:41.340 --> 00:48:45.809

Okay, well.

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00:48:45.809 --> 00:49:00.000

Again, thank you, George for the great presentation. I think that was a great lead up to what I'm going to be talking about next. I want to encourage folks to use the question and answer box. We're going to deal with questions at the very end.

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00:49:00.000 --> 00:49:09.989

But now that we've heard George's approach and the new guidebook for creating scenic resources inventories,

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00:49:09.989 --> 00:49:17.010

I want to explore what municipalities have already been doing right here in the Hudson Valley to protect the beauty of their communities.

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00:49:19.230 --> 00:49:24.090

Okay, so the first town I want to highlight is Putnam Valley in Putnam County.

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00:49:24.090 --> 00:49:28.769

This is a town of less than 12,000 residents and it's situated

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00:49:28.769 --> 00:49:40.525

in the heavily forested Hudson highlands region, surrounded by thousands of acres of state parkland, and as well as forest private land, and there's clearly a lot of scenic beauty here.

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00:49:40.795 --> 00:49:46.974

But, unfortunately, for a long time, there was really no inventory of the important scenic areas in the town.

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00:49:47.280 --> 00:49:55.679

And so to address this Putnam Valley received a Hudson River Greenway grant in 2018 to create a scenic resources map

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00:49:55.679 --> 00:50:05.579

that would be a component of their natural resources inventory. And the town commission for the conservation of the environment worked with the Hudson Highlands Land Trust

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00:50:05.579 --> 00:50:14.730

and they're hired consultant to create a map of scenic places in Putnam Valley, and the areas that are visible from the most important viewing areas.

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00:50:14.730 --> 00:50:29.550

So, as George was discussing, public input is key. So to determine which areas were the most important, the commission held 2 interactive public workshops, where residents could identify the scenic areas that were most important to them.

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00:50:29.550 --> 00:50:32.579

The land trust also circulated

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00:50:32.579 --> 00:50:40.949

an online survey to reach an even larger audience, including those kind of elusive commuters who don't generally participate in public meetings.

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00:50:43.530 --> 00:50:46.829

So, I'm sorry.

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00:50:46.829 --> 00:50:47.099

Yep,

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00:50:47.425 --> 00:50:48.085

so,

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00:50:48.114 --> 00:50:48.655

,

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00:50:48.864 --> 00:50:49.585

from that,

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00:50:50.275 --> 00:50:57.894

So all of the identified scenic areas were then digitized and added to the map as a general reference for the town board, planning board,

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00:50:58.375 --> 00:51:01.885

zoning board of appeals and any interested residents.



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00:51:02.304 --> 00:51:10.585

And from that list of areas, the commission selected the most popular views in town, and designated 10 as the top priority areas.

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00:51:10.889 --> 00:51:21.809

The consultant then mapped all the locations visible from those viewpoints with overlapping visible areas appearing in a darker color on the map.

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00:51:21.809 --> 00:51:33.090

And that was that analysis. So here is that final map, the numbered stars are those priority, the top 10 priority areas, and the yellow and orange colors

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00:51:33.090 --> 00:51:36.864

indicate the areas and the landscape that are visible from those points.

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00:51:37.255 --> 00:51:38.394

And like I said before,

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00:51:38.394 --> 00:51:39.655

the darker the orange color,

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00:51:39.655 --> 00:51:51.835

the more areas that that landscape is visible from. And the natural resources inventory report has even more detailed descriptions of all of the scenic areas identified in the map,

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00:51:52.375 --> 00:51:54.054

including which information,

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00:51:54.355 --> 00:51:57.085

which areas rather are publicly accessible.

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00:51:57.235 --> 00:52:04.735

Which is obviously a critical importance to most people. This map was included in their larger natural resources inventory,

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00:52:04.735 --> 00:52:13.704

which we're going to share and it was subsequently adopted by the town board as the primary information source for the planning and zoning boards.

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00:52:14.010 --> 00:52:18.510

So, the hope here is that it's better integrated into local planning.

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00:52:21.085 --> 00:52:21.385

Okay,

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00:52:21.385 --> 00:52:30.264

so the town of Stanford is a little bit of a smaller rural farming community in central Dutchess county and between 1987 and 1991,

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00:52:30.264 --> 00:52:30.355

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00:52:30.355 --> 00:52:33.775

their town board designated 6 locations as critical environmental areas,

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00:52:33.775 --> 00:52:36.114

where I'm going to use the term CEA.

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00:52:36.114 --> 00:52:49.344

So CEAs are a tool under the state environmental quality review act, where the planning board must consider how type 1 and unlisted actions within the CEA might affect the characteristics that led to that designation.

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00:52:51.000 --> 00:52:57.269

So, in the case, though, upper Wappinger was designated to protect hydrology,

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00:52:57.269 --> 00:53:09.030

water quality, biological and geological uniqueness and, of course, scenic views. And this is a view of Stissing mountain that was identified in the comprehensive plan as one of the reasons.

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00:53:09.030 --> 00:53:15.030

Why, or I'm sorry, rather this area was included, as one of the reasons why

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00:53:15.030 --> 00:53:28.585

the CEA should be designated and this came, this image came from that Stanford comprehensive plan and a lot of that source data came from that regularly updated plan. So I just wanted to draw your attention to that.

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00:53:29.184 --> 00:53:32.844

And while the CEA does not provide regulatory protection,

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00:53:32.844 --> 00:53:38.875

it just draw the attention of these critical scenic resources to help alert land

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00:53:38.875 --> 00:53:39.985

use decision makers,

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00:53:40.255 --> 00:53:41.695

planning board and the ZBA,

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00:53:41.905 --> 00:53:42.114

,

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00:53:42.114 --> 00:53:45.025

To areas of particular scenic importance.

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00:53:47.425 --> 00:53:47.815

Okay,

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00:53:47.905 --> 00:53:50.335

so getting over to the town of Hyde Park,

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00:53:50.545 --> 00:53:53.034

that's famous for its history and its scenery,

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00:53:53.034 --> 00:53:58.494

especially related to the many national park sites and the beautiful Hudson River frontage in this photo.

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00:53:59.125 --> 00:54:06.204

The town actually regulates activity within a scenic overlay district to maintain the visual aesthetic,

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00:54:06.445 --> 00:54:08.965

it's really important to the character and the history of the town.

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00:54:09.300 --> 00:54:22.170

And overlay districts, as George said, provide regulatory protections in addition to the base zoning districts, and can include entire parcels or just portions of those parcels, depending on how that district is drawn.

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00:54:22.170 --> 00:54:34.320

So, Hyde Park's overlay is currently based on the scenic areas of statewide significance or SASS, which is a designation made by the New York Department of State.

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00:54:34.735 --> 00:54:49.195

And SASS are mapped and described, and ultimately used by the Department of state to ensure consistency in the coordination of regulation during state and federal actions within these areas. So there's no automatic protections

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00:54:50.034 --> 00:54:54.385

for projects that are only subject to municipal regulation,

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00:54:54.594 --> 00:55:05.605

unless a community explicitly passes a local law to do this. And Hyde Park and a handful of other Hudson River adjacent communities have chosen to regulate this area through their zoning code.

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00:55:05.909 --> 00:55:11.010

The town also regulates lots adjacent to specially designated scenic roads.

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00:55:11.010 --> 00:55:16.139

And some of the restrictions in this district

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00:55:16.139 --> 00:55:19.855

include site plan and architectural review,

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00:55:20.695 --> 00:55:30.054

designated open space, where trees of a certain size must be maintained along certain buffers on scenic roads, and rural design guidelines,

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00:55:30.054 --> 00:55:34.135

including minimizing parking, tree clearing, and grading and filling.

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00:55:34.469 --> 00:55:47.730

Just one example of a code of code there, and here's a map of the Hyde Park SASS, which includes all of the land between the main street that runs through the town and the Hudson River to the West.

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00:55:47.730 --> 00:56:01.559

So, in partnership with the Hudson River Estuary Program, in Dutchess county planning, the town planning board, used a viewshed analysis to create a new map to better identify the jurisdiction of their scenic and historic overlay districts.

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00:56:01.559 --> 00:56:16.289

So, this smarter approach is expected to result in some minor changes to the code to exclude parcels that don't have important scenic value and will include new parcels that play a more important role in maintaining the scenic character of the community.

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00:56:16.289 --> 00:56:28.679

So, you can see how this plays out on the parcel level when we zoom into the map. And the red dash line is the main street that runs through town. And where everything to the west of the line was included,

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00:56:28.679 --> 00:56:38.699

now, certain parcels are admitted based on the results of the viewshed analysis. Also note some key parcels are now included east of the road as well.

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00:56:40.590 --> 00:56:47.219

Okay, George talked a little about the town of Cornwall scenic resources inventory in his presentation, but I want to

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00:56:47.219 --> 00:57:01.320

highlight their overlay districts, too. Ridge protection is a pretty common type of overlay district that is often defined as areas above a specified elevation, but they can be designated in really any way.

Cornwall's

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00:57:01.320 --> 00:57:15.594

overlay district requires that in this area, a minimized structural visibility through choices and recessive building materials and by minimizing tree clearing. And there's also language about replanting native trees when trees have to be cleared.

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00:57:15.594 --> 00:57:28.525

And I think this is pretty interesting, because these native trees are expected to better mimic the surrounding forest landscape better than many of the exotic landscape species. I think, a blue spruce tree,

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00:57:28.525 --> 00:57:35.574

if you're familiar with that as this bright blue foliage, and that might stick out in this case, rather than screen.

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00:57:37.530 --> 00:57:52.050

The Schunnemunk agricultural and scenic overlay district, allows the planning board to require conservation subdivisions, another tool that George talked about, as the primary mechanism to minimize the visual footprint on this portion of the landscape.

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00:57:54.474 --> 00:57:54.894

Okay,

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00:57:54.954 --> 00:58:09.594

a more straightforward method of protecting scenery that many people are familiar with is the acquisition of land and conservation easements by government agencies and nonprofits. And these entities can either purchase the land outright to be used as parks or preserves or they can

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00:58:09.594 --> 00:58:11.005

acquire conservation easements

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00:58:11.005 --> 00:58:11.965

on private land.

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00:58:12.715 --> 00:58:25.135

And I'll say it again. I know George talked a little bit about conservation easement, but they allow the landowner to continue to use the land. But with specific restrictions that are that protect the scenic resources on the property.

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00:58:25.525 --> 00:58:37.405

And this is ultimately enforced by the easement holder. Which is usually the land trust or, the municipality. And when it comes to municipality is protecting their scenery in this way, funding is usually the number one barrier.

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00:58:39.144 --> 00:58:39.594

So,

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00:58:39.594 --> 00:58:40.735

in 2007,

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00:58:40.735 --> 00:58:47.454

the town of Red Hook built off its prior success with open space bonding to create a community preservation fund and more importantly,

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00:58:48.054 --> 00:59:01.614

the town was able to receive special authorization from the state legislature to hold a referendum and ultimately pass a 2% real estate transfer tax to provide a reliable funding source for land protection projects.

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00:59:04.289 --> 00:59:14.760

And as a condition of that state authorization, the town created a community preservation plan to define which properties would be eligible for protection.

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00:59:16.079 --> 00:59:30.150

So, getting a closer look at that plan, it used these data sources to define the scenic resources eligible for protection. So that included certain agricultural lands, recreational resources, areas within the SASS,

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00:59:30.150 --> 00:59:44.364

the town scenic overlay district, designated scenic roads and other open space priorities and all of these were included in what resulted in about 7,200 acres that were eligible for protection under this category.

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00:59:44.364 --> 00:59:55.735

Now, other categories included agriculture, water, ecological, and historic resources. And I would argue that all of these really contribute to the scenic character of a community.

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00:59:58.769 --> 01:00:13.434

So since the creation of the community preservation fund, Red Hook has attracted the attention of local and regional land trusts, who have leveraged the relatively small amount of money generated from Red Hook's tax to protect over 2700 acres.

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01:00:13.434 --> 01:00:17.905

And that includes a recently acquired conservation easement on this 78 acre orchard

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01:00:17.934 --> 01:00:30.565

that is clearly a scenic treasure to the community, with these absolutely amazing views from 9G near the village of Tivoli if you're at all familiar with that area. It's just north of the main road that goes into Tivoli.

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01:00:33.900 --> 01:00:41.489

Okay, so I hope that those examples inspired you to pursue some kind of local action to help protect the scenery in your community.

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01:00:42.505 --> 01:00:43.164

And if so,

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01:00:43.164 --> 01:00:44.635

I suggest visiting our program's

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01:00:44.635 --> 01:00:47.244

Conservation Planning in the Estuary watershed website,

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01:00:47.244 --> 01:00:48.715

which I've already promoted,

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01:00:48.715 --> 01:00:50.155

and it's already in the chat box,

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01:00:50.485 --> 01:00:53.364

and that can get you more information on municipal scenery

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01:00:53.364 --> 01:00:54.025

protection,

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01:00:54.235 --> 01:00:58.855

and other types of land protection that can contribute toward protecting natural scenery.

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01:01:00.175 --> 01:01:09.985

You can also download the scenic resources protection guide that George helped or George produced rather and there's other useful planning resources.



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01:01:11.460 --> 01:01:15.960

If you're interested more about the SASSes,

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01:01:15.960 --> 01:01:30.085

you can visit the website from the New York Department of State, and they have some really great in depth descriptions of those scenic resources that are within a relatively small units or sub units of the scenic areas.

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01:01:30.474 --> 01:01:35.454

And Ingrid again is sharing all these links in the chat. So I encourage you to follow up after the presentation.

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01:01:37.675 --> 01:01:38.364

Thus far,

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01:01:38.364 --> 01:01:40.045

I emphasized scenery

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01:01:40.045 --> 01:01:42.235

protection measures at the municipal scale,

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01:01:42.715 --> 01:01:45.025

but there's also a lot that can be done at the parcel level,

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01:01:45.025 --> 01:01:47.875

besides just acquiring land and conservation easements.

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01:01:48.324 --> 01:01:58.375

The scenic resources guide for planning boards in the Shawangunk mountains that has great visual examples of design practices that could be easily adapted to any community,

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01:01:58.375 --> 01:02:00.175

looking to adopt scenery

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01:02:00.175 --> 01:02:01.284

protection guidelines,

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01:02:01.284 --> 01:02:05.844

or standards as a part of their site plan or subdivision review process. For those

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01:02:05.844 --> 01:02:18.235

that are involved with land trusts, also a great way to help design conservation easements to protect priority resources. And as a side note, this wonderful guidebook was funded by the National Scenic Byways Program.

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01:02:18.445 --> 01:02:32.755

Because years earlier, a group of municipal and nonprofit partners from the region has, it had designated a series of beautiful local routes along the Shawangunk ridge as a New York State Scenic Byway and that opened up access to federal funding for projects

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01:02:32.755 --> 01:02:33.534

just like this.

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01:02:35.574 --> 01:02:44.155

Okay, if you're more interested in creating new views or managing existing ones, the Hudson River Estuary program just released a new handbook

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01:02:44.155 --> 01:02:58.164

that helps land owners balance historical, environmental, and aesthetic goals to create beautiful and naturalistic views that are friendly to both people and wildlife. And you can find this resource in the chat, or by visiting our conservation planning website.

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01:02:58.554 --> 01:03:07.135

I can't emphasize how much of a resource this site really is. So I'm going to continue to beat that drum till the end of the presentation here.

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01:03:09.385 --> 01:03:19.434

Okay, I know funding is a major barrier to those, looking to create scenic resources inventories and plans and so here are just some potential sources for folks in the Hudson Valley region.

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01:03:20.094 --> 01:03:32.545

So, of course, the Hudson River Estuary program generally has an RFA for stewardship planning grants, which actually just closed, but they can partially fund natural resources inventories, open space plans, and open space inventories.

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01:03:32.784 --> 01:03:36.985

And all of these can focus on scenery as one of the main resources

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01:03:36.985 --> 01:03:48.775

that are assessed. These grants also fund conservation finance feasibility studies, which can allow a community to explore establishing community preservation fund or other financing strategy to help protect land.

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01:03:50.155 --> 01:03:51.324

The Hudson River Valley

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01:03:51.324 --> 01:03:55.284

Greenway also has grants available to most communities within the Valley,

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01:03:55.614 --> 01:03:58.465

and these grants can fund the development of scenic resources

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01:03:58.494 --> 01:03:59.364

inventories,

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01:03:59.574 --> 01:04:00.625

scenic impact

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01:04:00.625 --> 01:04:01.014

review

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01:04:01.014 --> 01:04:01.855

guidelines,

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01:04:02.034 --> 01:04:02.934

natural resources

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01:04:02.934 --> 01:04:03.565

inventories,

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01:04:03.565 --> 01:04:04.164

open space

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01:04:04.164 --> 01:04:04.974

inventories,

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01:04:05.123 --> 01:04:06.414

scenic ordinances,

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01:04:06.775 --> 01:04:07.105

critical

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01:04:07.105 --> 01:04:08.155

environmental areas,

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01:04:08.155 --> 01:04:09.925

and municipal easement programs.

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01:04:09.925 --> 01:04:17.184

So that covers a lot there, the funding is not quite as generous as Estuary Program grants, but there's a lot that you can work with there.

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01:04:18.054 --> 01:04:25.855

I also included Climate Smart Communities as a funding source for natural resources inventories that can have a scenery component to them.

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01:04:27.210 --> 01:04:35.099

And again, bringing up the New York State Byways program that can help leverage funding from the federal government to complete

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01:04:35.099 --> 01:04:49.650

scenery planning and protection projects, like, what you saw in the Shawangunk mountains and you know, that involves a lengthy process of designating an area but if you're at all interested, you can follow up with the Scenic byway program or our program.

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01:04:49.650 --> 01:04:58.079

I also want to note that community foundations and local banks might also provide a small amount of funding to help inventory and plan for this type of protection.

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01:04:59.940 --> 01:05:14.244

Okay, keep in mind that in the absence of funding, or even with it, universities, interns, county planning, departments, local cooperative extension offices, land trust and other nonprofits might be interested in providing other types of assistance.

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01:05:14.244 --> 01:05:20.934

So, I encourage you to be creative and engage with a variety of partners as you work to protect the beauty of your communities.

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01:05:22.469 --> 01:05:32.519

So, both in George, and I are really hope that this has helped to inspire you to protect the beautiful places in your community, and that you leave here with some ideas for how you might do that.

689

01:05:33.085 --> 01:05:46.434

So, if anyone has any questions, let's get to the Q and A, and I apologize for not sharing my video this time, but I will do it now, after I click through my presentation.

690

01:05:48.030 --> 01:05:56.070

Give me a quick moment here.

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01:05:56.070 --> 01:06:02.340

Have I stopped sharing my screen or is that still showing up?

692

01:06:02.340 --> 01:06:06.449

George Frantz: It's still going.

693

01:06:06.449 --> 01:06:12.449

Nate Nardi Cyrus: I appear to be sure I know what I'm going to do.

694

01:06:12.864 --> 01:06:26.905

This will help. Okay, great. So I'm going to stop sharing that Thank you for doing that for me. And I'll be ready to take some questions so I'm going to start out with the Q and A box and we have a question.

695

01:06:27.054 --> 01:06:41.125

Are there any successful, scenic overlays, or? I'm sorry rather scenic ordinances adopted by municipalities in the state. Our town has a scenic road ordinance for the past 15 years and it's never been used by the public or town. I guess.

696

01:06:41.125 --> 01:06:45.474

I'll start saying that from my conversations with Hyde Park,

697

01:06:45.864 --> 01:07:00.715

that actually comes up quite a bit and planning board review and that was part of the reason why they wanted to make their overlay a little bit smarter because they were just having so many small parcels that were coming into the planning board for minor approvals

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01:07:00.985 --> 01:07:07.525

that they wanted to make sure that they were getting a better focus on an actual important scenic resources.

699

01:07:07.644 --> 01:07:12.295

But George, I don't know if you have any other examples you want to share. George Frantz: Yeah, actually, I know in fact.

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01:07:13.800 --> 01:07:17.039

In the Keuka Lake region.

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01:07:17.039 --> 01:07:26.219

Here in the Finger Lakes, it was actually interesting because a town use the scenic resource inventory to stop a cell tower.

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01:07:26.219 --> 01:07:30.630

There was no adopted law or anything.

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01:07:30.630 --> 01:07:33.900

But they had the evidence there.

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01:07:33.900 --> 01:07:38.550

To convince the mobile phone company that

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01:07:38.550 --> 01:07:44.070

really that was not a good location to place a cell tower.

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01:07:44.070 --> 01:07:48.360

And, of course, the other thing that helps with

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01:07:48.360 --> 01:07:51.570

protecting Scenic resources.

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01:07:51.570 --> 01:07:56.010

Is the New York state environmental quality review process.

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01:07:56.010 --> 01:08:01.800

Okay, they the town use the scenic source inventory

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01:08:01.800 --> 01:08:07.619

As part of its SEQR review. Okay so that that's.

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01:08:07.619 --> 01:08:12.840

I can't, I can think of a few other ones, but that's the most recent example I've had.

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01:08:12.840 --> 01:08:17.880

Where communities have used scenic resource inventories,

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01:08:17.880 --> 01:08:21.569

A overlay districts, to effect.

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01:08:21.569 --> 01:08:33.840

Nate Nardi Cyrus: All right, well, thanks, George, that's an interesting example. Can communities leverage change after municipalities have sold or planned to develop?

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01:08:33.840 --> 01:08:40.680

i.e., waterfronts? Not sure if I understand that question. .

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01:08:40.680 --> 01:08:48.810

Maybe you want to try rewording that does that make sense to you George? George Frantz: Is it a case where a municipality may have sold.

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01:08:50.340 --> 01:08:58.289

A parcel of land I'm not quite sure yet. Nate Nardi Cyrus: Yeah, she's saying that's the, that's the case.

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01:08:58.289 --> 01:09:05.460

It really, I think depends on what the zoning is in force.

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01:09:05.460 --> 01:09:12.390

It's really difficult to talk about a specific case.

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01:09:13.560 --> 01:09:18.989

Yeah, did the municipality action apply any like, deed restrictions on the land to protect

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01:09:20.100 --> 01:09:32.189

any character, et cetera yeah. Yeah. I mean, I can say in generally that there's ways that municipality, if it's disposing of surplus land

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01:09:32.189 --> 01:09:38.100

can do it in a manner that, yes, protects scenic resources

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01:09:40.314 --> 01:09:43.824

in general. Nate Nardi Cyrus: yeah,

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01:09:43.824 --> 01:09:44.814

those are difficult,

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01:09:45.265 --> 01:09:48.715

difficult situations and they are extremely local,

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01:09:48.715 --> 01:09:52.255

so it is hard to comment on them specifically,

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01:09:52.255 --> 01:09:54.505

but if you want to follow up with George directly,

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01:09:54.505 --> 01:09:54.864

too,

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01:09:54.864 --> 01:09:58.375

I'm sure he'd be happy to talk with him about it offline.



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01:09:58.914 --> 01:09:59.215

Yeah,

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01:10:00.414 --> 01:10:10.074

you have another question here curious about geology and geological features and where that falls with respect to consideration as a scenic resource in the absence of

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01:10:10.104 --> 01:10:16.765

in the absence of slope or trees, thinking of the Palisades as an example.

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01:10:16.944 --> 01:10:27.444

So, I don't know if you've included unique geology in the way you've done scenic resources inventories, George? George Frantz: Not geology per se.

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01:10:29.939 --> 01:10:35.489

I think the geology is manifested in things like slopes steep slopes,

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01:10:35.489 --> 01:10:39.899

forested areas and also, of course

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01:10:39.899 --> 01:10:43.170

in the case the Storm King Mountain exposed

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01:10:43.170 --> 01:10:53.609

rock and ridge, so I think you can use the, I guess the visual manifestations of geology. Yes.

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01:10:53.609 --> 01:10:57.119

And, of course the Palisades are,

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01:10:57.119 --> 01:11:01.529

You know, a century old example where

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01:11:01.529 --> 01:11:04.560

they were protected because of their geology.

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01:11:06.414 --> 01:11:06.805

Nate Nardi Cyrus: Yeah,

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01:11:08.484 --> 01:11:08.755

yeah,

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01:11:08.755 --> 01:11:23.545

and I think it brings up a good example if there's an absence of slope or tree, forest data, that's something that a natural resources inventory you can go to other sources and try to find those and and really be flexible with

744

01:11:23.545 --> 01:11:36.444

what you incorporate into one of these analyses based on what's available for your community. And if you have a notable geological feature, like some kind of interesting out crop that is important to your town that should be noted

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01:11:36.444 --> 01:11:47.694

and incorporated. As George was saying, you know, these aren't, you can't have too much of a cookbook design here. It has to be a community lead process. Yeah, we have another question.

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01:11:48.414 --> 01:11:58.314

This is to George, do you ever use GIS based viewshed analysis as a part of your prioritization analysis? And if not is there a specific reason?

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01:11:58.375 --> 01:12:09.384

And I'm assuming he's referring to using things like Lidar and trying to have tools that generate what areas are visible on the landscape. George: Yeah, actually.

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01:12:10.350 --> 01:12:16.260

I haven't used GIS

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01:12:16.260 --> 01:12:26.250

for visual analysis, primary visual impact analysis, but yeah, that is one of the tools that can be utilized in the mapping phase

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01:12:26.250 --> 01:12:30.359

of any scenic resource inventory.

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01:12:30.359 --> 01:12:42.659

I forget if that actually, was that what was used in the Putnam Valley example? Nate Nardi Cyrus: Yeah. That is what was used in Putnam Valley.

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01:12:42.659 --> 01:12:47.939

George Frantz: Yeah, so it's actually a spot to start from.

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01:12:47.939 --> 01:12:51.720

And then you can go on and decide whether or not the areas that

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01:12:51.720 --> 01:12:56.819

identified using the GIS analytical goals,

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01:12:56.819 --> 01:13:01.199

what would they actually score?

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01:13:01.555 --> 01:13:01.765

So,

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01:13:01.765 --> 01:13:02.034

Yeah.

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01:13:03.744 --> 01:13:07.765

Nate Nardi Cyrus: and I will say that this, the method that George has highlighted is,

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01:13:07.765 --> 01:13:08.034

you know,

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01:13:08.034 --> 01:13:12.175

if there's someone on your town board or a volunteer,

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01:13:12.175 --> 01:13:13.435

that has some experience with GIS

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01:13:14.005 --> 01:13:23.125

and maybe doesn't feel as comfortable using a more sophisticated tool, this is somewhat of an easier analysis to undertake as is,

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01:13:23.545 --> 01:13:23.725

you know,

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01:13:23.725 --> 01:13:27.805

the prioritization using, integrating it into the prioritization.

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01:13:27.805 --> 01:13:38.454

So I guess those are some reasons, but a viewshed analysis using GIS is a very accurate way to do that. George Frantz: Yes. It's very accurate.

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01:13:44.489 --> 01:13:48.359

Nate Nardi Cyrus: Okay, let me just look through a little bit more.

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01:13:48.359 --> 01:13:53.609

I just want to make sure that chat see.

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01:13:55.800 --> 01:14:06.899

And we may not have any more questions, but I will give everyone a last chance. We're coming up at the end of our time slot here. So I want to make sure that you all get out at a reasonable time.

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01:14:09.024 --> 01:14:17.574

Okay, well, I'll give people one last chance, but just while we finish up, I just want to thank everyone for attending again.

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01:14:17.994 --> 01:14:30.864

We'll be sending a follow up email later in the week with information from today's webinar and that includes PowerPoints, resources from the chat, which I know there were a lot of, and a link to reporting. So stay tuned for all that.

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01:14:31.284 --> 01:14:43.104

And I also want to encourage you all to fill out a 3-question survey that pops up as you leave the webinar. And those for you who are seeking municipal training credit again, you're going to receive an automated email from Webex at the end of the webinar.

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01:14:43.885 --> 01:14:46.824

So, I just wanted to do one last check.

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01:14:48.449 --> 01:14:52.470

Okay, I guess there's one more question.

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01:14:52.470 --> 01:14:57.060

Silence.

775

01:14:57.354 --> 01:15:04.675

Have you heard of 2 communities working together to protect viewsheds? I think that's a really amazing question.

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01:15:05.335 --> 01:15:15.324

I will say that in the example of Hyde Park, a lot of the viewsheds that they identified they did a GIS based viewshed analysis to help inform their overlay district.

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01:15:15.385 --> 01:15:28.375

They actually took a lot of views from Esopus, which is on the other side of the, the bank and they were very sure that was important to protect the views from the neighboring town and hope that they would do the same when they, what they were doing.

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01:15:28.675 --> 01:15:32.664

But, I don't know if George has a quick example, because I know people have to start taking off soon.

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01:15:36.300 --> 01:15:41.819

George Frantz; In the case of Keuka Lake, that was actually 6 towns.

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01:15:41.819 --> 01:15:47.729

Together, came together to do a regional scenic resource inventory.

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01:15:47.729 --> 01:15:51.510

Again, you know.

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01:15:51.510 --> 01:15:59.520

It comes down to implementing and I've been sort of following Hyde Park and yeah, they're, I think a very good job.

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01:15:59.520 --> 01:16:02.729

So, yeah.

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01:16:03.925 --> 01:16:18.625

Nate Nardi Cyrus: We have another, another couple of examples, the Scenic Byway program, especially the Shawangunk Ridge, Scenic Byway program that involved all the communities that are a part of the showing the Ridge, and they all participated in that process.

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01:16:18.864 --> 01:16:28.045

And while it wasn't a prioritization was, they had to kind of agree on important resources and get together to make that project possible.

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01:16:28.585 --> 01:16:40.704

And also there was a, we had someone in the chat mentioned the town of Blooming Grove and Cornwall did a, an open space inventory together that used a lot of the same data from the resources inventories.

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01:16:40.704 --> 01:16:46.194

And they worked, their CACs worked very closely together to make that project possible.

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01:16:46.194 --> 01:16:57.954

So I think intermunicipal projects are great and especially because much like ecology, a scenery doesn't respect municipal boundaries. So it's really critical to

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01:16:58.229 --> 01:17:08.250

protect the scenery in your adjacent town, if that's possible. George Frantz: And by the way Blooming Grove, actually, there were people from Blooming Grove at our presentation in Cornwall.

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01:17:08.250 --> 01:17:12.569

Because they are quite interested in, yes, actually

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01:17:12.569 --> 01:17:19.380

Collaborating with Cornwall or extent expanding the Cornwall scenic resource inventory

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01:17:19.380 --> 01:17:22.619

To Blooming Grove.

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01:17:22.914 --> 01:17:37.765

Nate Nardi Cyrus: Great well, thank you again, George, and thank you all for attending. Thank you. We hope to see you all next July or next July, this, July, our next step presentation. So thank you again and and I hope to see you soon take care.

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01:17:37.795 --> 01:17:40.104

George Frantz: Okay, well Thank you, Nate and.

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01:17:40.409 --> 01:17:45.960

Thank you everybody for participating and also I just added my email.

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01:17:45.960 --> 01:17:56.039

To the chat, so welcome any comments, actually any further, I'd be happy to take them so.

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01:17:56.039 --> 01:18:00.479

Nate Nardi Cyrus: All right, thank you. George. That sounds great. Take care everyone. Okay. Take care.