



Resilient Fairfax: Climate Adaptation and Resilience Plan
Public Meeting #2
October 14, 2021 | 6:30 P.M. | Via Zoom
Meeting Chat Transcript

The October 14, 2021 Resilient Fairfax virtual public meeting was open to all members of the Fairfax community. The following is the original Zoom chat transcript including the names of meeting participants and their comments.

Attendees: 185 people registered for the public meeting and approximately 105 participated, including members of the Resilient Fairfax project team and advisory groups (listed below).

Project Team

- Office of Environmental and Energy Coordination (OEEC)
 - o Matthew Meyers
 - o Allison Homer
 - o Stephanie Cornejo
 - o Aline Althen
- Consultants (the “Cadmus team”)
 - o Cadmus: Deb Perry, Julia Nassar, Julia Chase
 - o WSP: Dr. Rawlings Miller
- Infrastructure Advisory Group
 - o Northern Virginia Regional Commission: Nora Jackson
- Community Advisory Group
 - o Dranesville District Representative: Barbara Ryan
 - o Environmental Quality Advisory Council: Larry Zaragoza
 - o Federation of Citizens Associations: C. Flint Webb
 - o Mount Vernon District Representatives: Barbara Bacon and Glenda Booth
 - o Springfield District Representative: Cindy Speas
- Resilient Fairfax Planning Team
 - o Fairfax County Department of Planning and Zoning: Katherine Hermann
 - o Fairfax County Health Department: Samuel Gaber
 - o Fairfax County Health and Human Services: Samantha Hudson

Chat Transcript

The following transcript contains the public meeting chat with all participants names.

18:36:59 From JB : There was a Fairfax Resilient Communities project a few years ago. Is this part of that project? Or just a new effort?

18:42:14 From Matt Meyers : This is the first Resilient Fairfax plan that started this year.

18:50:36 From JB : From your answer, should I infer you have not looked at the previous resilience project?

18:54:42 From Allison Homer : Hi JB - are you referring to the Northern Virginia Resiliency Planning Work Group?

18:55:09 From Glenda Booth : Thanks for all the data and charts

18:55:33 From Scott Peterson : Thank you for that sobering presentation, Julia\

18:59:58 From Noreen Wise : Thanks for great framing: "Warmer, Wetter, Weirder" . Easy to remember and talk about with friends and family.

19:02:59 From JB : With rising water table, there will be more hillside soil migration (& some landslides), & surface structure migration.

19:05:55 From Diana Reing : when was FEMA's BFE established?

19:06:50 From Noreen Wise : Are white roofs included in C-PAC?

19:07:35 From Gary Drane to Julia Nassar(Direct Message) : Are slide available on website? Thank you.

19:09:16 From D Defoe to Julia Nassar(Direct Message) : Proofing homes

19:09:22 From Caroline Altmann : Not voluntary guidelines

19:09:57 From Robert Jordan : Introduce an additional property tax based on amount of impervious surface.

19:10:14 From Flint Webb to Julia Nassar(Direct Message) : I chose other because I'm on the CAG and didn't think I should comment.

19:10:21 From Bret Leslie : Because flood plains are generally flat, a 15 foot setback from a flood plain boundary could be "safe" only for a very small rise in the flood levels. Has the county assessed how resilient the current floodplain map is relative to the expected changes?

19:10:48 From JB : Noreen, The brightest shingles I've found are not nearly as white as white membrane.

19:10:53 From Julia Nassar to Gary Drane (Direct Message) : Hi Gary, they will be available in a few weeks on the Resilient Fairfax website.

19:10:57 From Lee Schonenberg : am interested in the plans on how we can build on the Chesapeake bay protection act to make sure our riparian areas are capable of absorbing a lot of the flooding

19:11:06 From Burton Griffith : I almost chose guidance but I didn't see a choice having to do with HOA restrictions and I'm interested in limitations that might be placed on those restrictions when it comes to changes that increase resiliency.

19:11:12 From Leo Milanowski - MVCCA Stormwater Cmte : I am interested in how to mitigate the detrimental effects of infill development on stormwater run-off?

19:11:19 From Noreen Wise : OK

19:12:00 From John Kadyszewski : I would like to see more info on vulnerability of public services -- ower supply, water supply, hospital access

19:12:02 From Flint Webb : There is a return on investment calculation that is part of the PASE program so white roofs could qualify if the benefits can be quantified.

19:12:32 From Caroline Altmann : Can we reduce the urban heat neighborhoods by planting lots of deciduous trees?

19:13:02 From David Wagoner : For all buildings, we need to end all parking minimums countywide. There's too much asphalt surface in this county.

19:13:17 From Flint Webb : That brings up another point about funding for resiliency projects funding under PACE since it is difficult to quantify the benefits.

19:13:17 From Burton Griffith : ...such as limitations that already exist in Virginia law when it comes to HOAs prevention the installation of solar panels

19:13:20 From John Kadyszewski : public transportation -- and cost to reduce likely impacts.

19:13:33 From Diana Reing : Like the idea of additional tax on more impervious surface installation

19:13:40 From Kristin Rosenthal : Also interested in food security, with adaptation such as roof and sidewalk gardens, suburban lawns turned to permaculture food sources

19:14:10 From Noreen Wise : Thank you. Scientists have quantified the benefit of white roofs. White roofs lower the heat 10°, dramatically cut carbon emissions, save money.

19:14:13 From Diana Reing : any county support for green roofs?

- 19:14:17 From Leo Milanowski - MVCCA Stormwater Cmte : Increase in strong storms and flooding sounds indicate increases in stormwater run-off. How will infrastructure be fixed/improved/installed to mitigate more stormwater? so stormwater
- 19:14:27 From Noreen Wise : HOAs are a big problem.
- 19:15:31 From Noreen Wise : We have to pass a state law to prevent HOA objections.
- 19:15:33 From Yvette White : Great comment Burton.
- 19:15:49 From Amanda Goehring : This may be a question too far in the weeds, but currently I've been seeing a lot of trees being taken out because of pests/disease that have been afflicting them. How can we address these interconnected problems?
- 19:16:23 From Noreen Wise : Maryland just passed a state law preventing HOA restrictions.
- 19:17:07 From Tammi Petrine : Re: Buildings, current developers are refusing to include purple or Green roofs. These are able to moderate flooding but cost more to build. Those up-front expenses are recouped FAST but not bucks in developers pockets so doesn't happen. They sell and want max profit. BOO for everyone in the future!
- 19:17:37 From Noreen Wise : 4 states have passed state laws to reign in HOA restrictions.
- 19:17:42 From Susan Stillman : If you are having problems with HOA's and solar going this google group. va-sun@googlegroups.com
- 19:18:20 From Susan Stillman : va-sun@googlegroups.com is a group of folks that have successfully pushed back on HOA's
- 19:18:26 From Lee Richmond : With regards to solar roofs, the new state laws that took affect on October 1st of this year really do reign in the HOAs.
- 19:18:42 From Burton Griffith : The action the county could take would be advocating/coordinating for legal changes at the state level. State law already limits how much an HOA can prevent a homeowner from installing solar panels, whatever the HOA rules may be
- 19:19:09 From Leo Milanowski - MVCCA Stormwater Cmte : What is the source of your definitions for 2/10/100 year rain events?
- 19:20:24 From Noreen Wise : I called the county earlier in the week to ask about HOAs and they told me I had to call the state. Only the state can sway HOA bylaws.
- 19:20:33 From JB : Some of this issue of HOA strictures, have been addressed by the emergency communications community (Amateur Radio, etc) and has long experience & approaches to those problems.
- 19:21:24 From Noreen Wise : There are multiple issues that relate to HOAs: solar panels, white roofs, pollinator gardens, no mow yards.

- 19:22:21 From Noreen Wise : Ok, thank you, JB.
- 19:23:20 From Allison Homer : Thank you all for these comments! Please be assured that we are capturing these comments and will certainly be considering them, especially in the strategy development phase
- 19:23:41 From Diana Reing : any possibility of looking at moving to underground power transmission, beginning in the lower income, oldest neighborhoods and communities? The rich have their generators, so don't need it.
- 19:24:02 From Yvette White : Our county has abundance of parking and removing parking often seems to be untouchable to the general public. However, these asphalt surfaces increase the storm water runoff, urban heat effect, cost \$\$ to maintain, etc. Wouldn't this land be better used for green space (trees) or other uses (such as denser housing)?
- 19:24:50 From Tammi Petrine : Where is Vulcan quarry?
- 19:25:46 From Flint Webb : My understanding is that the quarry is very close to the water treatment plant.
- 19:26:15 From Flint Webb : There are similar projects in other Potomac River communities on both sides of the river.
- 19:26:30 From Matt Meyers : Fairfax County floodplain information
<https://www.fairfaxcounty.gov/publicworks/stormwater/flood-information>
- 19:26:38 From Nancy D Searby : Will you provide access to the recording so we can share it? And the presentation slides?
- 19:27:09 From Julia Nassar : Nancy, yes, the recording and slides will be made available on the Resilient Fairfax website in a few weeks.
- 19:27:28 From David Wagoner : The shading structures at bus stops is a GREAT idea.
- 19:27:56 From Diana Reing : will all chat comments be reviewed by the team whether they are discussed during meeting or not?
- 19:28:04 From David Wagoner : We should also be pushing VDOT to allow more trees along roadways
- 19:28:46 From Nancy D Searby : Thanks Julia. And thanks for the plug for NASA DEVELOP (I manage the program at NASA HQ).
- 19:28:53 From Noreen Wise : Yvette, great point. At the very least, the black asphalt parking lots in the county should be painted white. Black asphalt is 40-60° hotter than the air. Los Angeles began painting their roads white to cool them down. The asphalt can melt and get on the tires of the cars parked in the lot.
- 19:28:55 From Nancy D Searby : I am most interested in vulnerability.

- 19:29:04 From Julia Nassar : Diana, yes, there are too many great comments to respond to live, but the project team will indeed review the full chat transcript.
- 19:29:08 From Nancy D Searby : Oops - meant vulnerability of people.
- 19:29:32 From Maggie Allen : Interested in reduced road capacity and increased public transportation/biking options, such as more and safer bike lanes and more bus/metro routes.
- 19:29:52 From JB : Greater emphasis on residential tools already available: insulation, shading, home agriculture, ...
- 19:29:56 From Yvette White : Wrt the poll, they are all great options; it's difficult to choose one.
- 19:30:16 From Jeff Gauget : Totally agree with Maggie's comment
- 19:30:35 From Diana Reing : each one of the infrastructure issues is vitally important
- 19:30:39 From Yvette White : I agree with Maggie Allen's comment too!
- 19:30:43 From John Metzler : What can I do as an individual homeowner to work in partnership with Fairfax County. For example, I may start to look at solar cells on my house to be integrated into the electric grid.
- 19:30:53 From Robert Jordan : I do not believe that the Huntington Levee is an appropriate approach to address Potomac river flooding. It merely "pushes" flood waters elsewhere. A better approach would have been to buy out homeowners have had recurring flooding.
- 19:31:08 From Nancy D Searby : Thanks and need to go.
- 19:31:13 From Burton Griffith : I chose other because all of the options seemed important
- 19:31:41 From JB : politicle, legislative, & financial encouragement for resilient community/household planning & resources.
- 19:31:50 From KELCY ALLWEIN : How is Reslient Fairfax working with VDOT to minimize the asphalt that is planning to be put into the Richmond Hwy upgrades. I sat in a recent meeting & we need multi-level roads with walking & biking space & public transport not more lanes for cars
- 19:32:25 From Susan Stillman : Lot coverage should be reduced to increase permeable land, give more space for trees and reduce the amount of energy needed to condition buildings.
- 19:32:27 From Noreen Wise : Trees are awesome, but it's more than just trees, we need biodiversity. IE, we need to plant 2 shrubs under every tree, and perennials under shrubs to improve soil health which increases carbon drawdown.
- 19:32:44 From Yvette White : I agree with the person leaving the audio comment now about 495 NEXT. This project is the opposite of resiliency.

- 19:32:55 From Scott Peterson : Nice that you're reading your statement about 495, but what's your question?
- 19:33:05 From Caroline Altmann : Does Fairfax County have the power to levy taxes and create incentives to have all of residents and businesses upgrade their facilities?
- 19:33:06 From Noreen Wise : Composting is very important too. Composting should be mandatory.
- 19:33:10 From Leo Milanowski - MVCCA Stormwater Cmte : Every vulnerability listed must be addressed; it's hard to pick one.
- 19:33:21 From JB : VDOT's blatant dismissal as "NO IMPACTS" is very disappointing.
- 19:33:42 From Scott Peterson : Thank you Matt
- 19:33:55 From Catherine Carver : I'm concerned about 495 NEXT as well
- 19:33:55 From David Barker : Great information about the larger infrastructure issues regarding resiliency. I am also interested in what we can do at the HOA and homeowner level; plantings, replacing impervious surfaces, maintenance of trees and natural areas, erosion & drainage projects, rain barrels - which of these would help/make a difference? Which are not as helpful? I'm not sure if these are in the goals of this project. If they are, having guidelines for individuals and HOAs would be extremely helpful.
- 19:34:26 From Lee Schonenberg : let's not read prepared statements. they can be dealt with in other good ways.
- 19:34:34 From Caroline Altmann : Thank you for redirecting the conversation.
- 19:34:42 From Noreen Wise : Agree, every vulnerability is important and needs to be addressed.
- 19:34:45 From Burton Griffith : Switching devices, hoping to return
- 19:34:46 From Lily Whitesell : Please let the meeting continue
- 19:35:35 From Matt Meyers : <https://www.p3virginia.org/projects/495-next/>
- 19:36:22 From Jeff Gauget : How is climate change factored in to big projects like 495 Next?
- 19:37:29 From Flint Webb : Green roofs are even better than white roofs because they also absorb storm water.
- 19:37:35 From Susan Stillman : What is a purple roof?
- 19:37:46 From Lee Richmond : I put in a new roof with light colored energy saver shingles. It made a huge difference in how much AC cooling my house needs.

- 19:37:47 From Noreen Wise : White roofs on flat corporate building. The icecaps are going to be gone in 5 years, so we have to make up for the loss of white by painting flat roofs white.
- 19:38:03 From Flint Webb : PACE should be a tool to encourage the use of white or green roofs.
- 19:38:28 From Noreen Wise : Green roofs don't reflect the sun though. It's all about albedo.
- 19:39:06 From Noreen Wise : If our icecaps are gone in 5 years, global warming will accelerate exponentially.
- 19:40:20 From Noreen Wise : We're currently at 1.2°C. The goal is to stay below 1.5°. We're currently tracking at 4.4°C which is unsurvivable.
- 19:41:49 From Burton Griffith : Are the projections for climate change that the county is using already factoring in the likelihood of the polar icecaps disappearing?
- 19:42:19 From Maggie Allen : Thanks for a great presentation and open discussion, all! Have to head off but will check out the rest of the recording later.
- 19:42:23 From Noreen Wise : Burton, no it doesn't seem like it.
- 19:43:06 From Noreen Wise : Biden and Scientists are all saying we only have 10 years. 2030.
- 19:44:07 From Flint Webb : The county has no leverage over State-run projects. There are some proposals for giving local communities more tools for directing these projects but it will take action in Richmond
- 19:45:05 From Noreen Wise : Richmond won't act fast enough. We have have international laws that hold US states accountable if we deny act fast enough.
- 19:46:13 From Flint Webb : True, but Richmond has started moving in the right direction after decades of going the wrong direction.
- 19:46:19 From Noreen Wise : Toxic algal blooms become airborne in the heat and can kill us.
- 19:47:11 From Lily Whitesell : While only a small percentage of homeowners may experience devastating total flooding, it is very important for Fairfax County to have property acquisition for floodprone properties as a tool in our toolbox, especially to have an established program that can act quickly after a flood, before folks invest a lot of money in remediation and rebuilding.
- 19:47:28 From Caroline Altmann : What trees should we plant that wouldn't become fragile and become vulnerable to pests?
- 19:47:28 From Noreen Wise : OK, I just know I tried to get tree protection legislation passed through the state last January, and they're going to think about it.
- 19:48:38 From Debra perry : Part of the Resilient Fairfax Plan will address the areas where the County needs to advocate for change. The audit describes how Fairfax County is limited in its ability to influence transportation and energy infrastructure. We are identifying different ways for the County to

work through regional collaboration and partnership and also strategies for amplifying the County's influence on those other aspects of infrastructure planning.

19:48:40 From Caroline Altmann : Educating the landscape companies to leave trees and not pull out saplings and mow less (so that saplings can grow and not be killed) would be helpful.

19:48:56 From Noreen Wise : Trees are no longer a big deal since we only have 10 years. The “new way” is biodiversity. Native shrubs, perennials, ground cover.

19:49:22 From Debra perry : Thanks Caroline- we are always looking for ideas for specific audiences we need to engage!

19:49:25 From Diana Reing : Education continues to be vital, so important for citizens to be educated and understand the issues and also critically important for Supervisors and their staffs to have the knowledge as they interact with constituents.

19:49:30 From Susan Stillman : We need to get rid of the Dillon rule in Virginia. Localities should be able to do what they need to do. Building codes are a good example. VA is way behind. Tree canopy is another area. Vienna has tried for years to get stronger tree canopy regs but the builders push back the the legislature caves.

19:50:31 From Debra perry : Thanks Susan- building codes are another area that we've identified as challenging because of the limitations on the County.

19:50:33 From Noreen Wise : “Pocket forests”... a few trees, diverse shrubs, perennials, groundcover. NO MONOCULTURE. Current movement to remove all monoculture turf lawns.

19:51:39 From John Wickham : Can you talk about overlap between DC, MD, VA, where communal challenges spill over into Fairfax County?

19:51:44 From Diana Reing : Again, all of these Natural area strategies are important and needed, and we need everyone to understand the importance

19:52:04 From Caroline Altmann : Truly difficult for me to answer these polls since I’m not an expert. Really want to choose what is the most effective.

19:52:49 From Burton Griffith : I made a choice on this one but they all seem pretty good, glad to know the county is considering all of them.

19:52:51 From Noreen Wise : There are several key people in Fairfax County that are anti nature based solutions because they don’t want deer to come into the area. They say “only trees.” But trees can’t grow fast enough.

19:53:18 From Judy Flynn : Which give the most results for the cost?

19:53:31 From Gary Drane : Matt, when you say you are working with Planning and Zoning, does this mean your office is actively involved in a staffing process, that is, do you sign off on changes in technical bulletins, operating procedures, etc, or do you simply attempt to stay aware? Is it a structured

coordination process, and what if you disagree with a policy can you stop it, change it...or are you simply a coordinator?

19:53:39 From Lee Schonenberg : incentives for residents to plant trees or increase permeability?

19:54:09 From John Wickham : Great, Allison, thank you!

19:55:51 From Noreen Wise : Plant Nova Natives is a great grass roots organization

19:56:38 From Lily Whitesell : Also, it is absolutely essential to consider how the effects of climate change will affect people who are not "in the room" this evening.

A small step - please consider ensuring that all flood education materials are provided in English and Spanish with additional information available in other languages.

This year I noticed that less print information was provided in the floodplain mailing but a link was provided via QR code to the main content. In my outreach experience, QR codes are great for some people but a barrier for others. They are harder for folks who are less technologically inclined.

19:56:46 From Diana Reing : There was a comment about NOT endorsing monoculture.....so true. All landscapers who work in the county should be educated concerning the impact of their work, such as monoculture and the benefits of native plantings, pollinator plants, etc.

19:57:48 From Burton Griffith : On tree canopy and tree plantings, a fuller tree canopy benefits the community as a whole but an individual tree that's a part of that canopy could be a risk to the home it's next to...so, maybe a program to incentivize keeping trees or planting them to offset the potential loss and risk of a tree falling down on a house in a big storm.

20:00:11 From David Barker : On our HOA's common property, we had invasive species (English Ivy) killing mature trees. So we have started an invasive species removal project. We also have issues with trees near homes, so we have an arborist walk our property annually to check on tree health. The arborist has also been able to treat trees that have initial signs of infestation but could still be saved. This is good bang for the buck

20:00:22 From Burton Griffith : Is the increase in crime associated with warmer temperatures seen more in the winter or the summer?

20:00:48 From Lisa Crivella : Is it my understanding that there is going to be a map that will show areas more prone to flooding?

20:01:03 From Caroline Altmann : Can we put a tax on sales of invasive? Like English ivy..

20:01:06 From Julia Nassar : Burton, studies have shown an increase in rate of crime in the summer

20:01:17 From Burton Griffith : Thanks Julia

- 20:01:22 From Julia Nassar : Lisa, Allison will preview the climate viewer shortly
- 20:01:29 From Allison Homer : Hi Lisa - yes, I'll be showing the map after the discussion. (It's a work in progress, but we'll provide a preview)!
- 20:02:16 From Lisa Crivella : follow-up - any thoughts to the negative impact on home values by posting such a map?
- 20:02:35 From Allison Homer : Great question! Yes, for that reason, we've blurred out specific properties
- 20:05:50 From Diana Reing : For the Residents poll, again! a balance of all of these excellent and needed strategies!!!
- 20:06:38 From Burton Griffith : Policy changes to me could include changes to land use policy, zoning, percentage of land covered by parking lot
- 20:06:45 From Noreen Wise : I didn't see anything about lightning. With each 1°C increase, there will be 20% more lightning strikes. Lightning strikes are how most forest fires start. There are 100 lightning strikes around globe every second, 1 million strikes per day. That was before we went above 1°C. So now there are 120 lightning strikes per second. Most people who die from a lightning strike, die in a park. Our Fairfax County Parks should all have grounded buildings where people in a park can run to, if a storm rolls in.
- 20:06:48 From John Kadyszewski : The lack of economic information limits the ability to make choices.
- 20:07:41 From Burton Griffith : good point, Bret
- 20:09:29 From Yvette White : Is the FC Department of Transportation (FCDOT) a part of your planning team? Or even VDOT?
- 20:09:52 From David Wagoner : The sprawling nature of Fairfax County makes services more expensive and vulnerable, so we should be supporting policy efforts to redevelop our core business areas with denser housing options (instead of being expanses of parking and wide six-lane roads) along with less car-dependent mobility choices. It would bring more tax dollars into our coffers to afford the expensive measures going forward.
- 20:10:10 From Allison Homer : Hi Yvette - yes! FCDOT is one of the 20 members of our Planning Team. VDOT is on our Infrastructure Advisory Group
- 20:10:17 From Noreen Wise : Has everyone watched Kiss the Ground? It's on Netflix. Once everyone in the county watches this documentary, we'll all know what to do on the Nature Based side of things.

- 20:10:26 From David Barker : Great point about cost effectiveness. I'm hoping that one of the results of this project will be materials that can help us make decisions about what projects can be the most cost-effective as homeowners
- 20:11:59 From Lily Whitesell : Resident (and worker) vulnerability is so important to prioritize. Thank you for your work on the full suite of climate effects. Your work is very much appreciated.
- 20:15:25 From Burton Griffith : Thanks Matt
- 20:15:32 From Diana Reing : thank you, Matt, really good to know your work is at the direction of the BOS
- 20:16:03 From Burton Griffith : I'm still skeptical, thinking it will turn out to be happy talk that lacks follow through, but I hope I'm wrong
- 20:17:55 From JB : The political will of our officials has always been for commercial development, so it will almost certainly devolve to local communities to do what they can as far as community disaster plans & specific mitigations of the mostly predictable problems of climate change.
- 20:18:56 From JB : Are these maps available to the public via the chat?
- 20:20:35 From Julia Nassar : JB, the tool is currently still under development. Once complete, it will be publicly available.
- 20:21:11 From Debra perry : Burton, here is the good news... I'm hearing this conversation in communities around the country. You aren't alone and momentum is building. And the way that federal dollars are being directed is starting to really move the needle. There is reason for optimism.
- 20:21:25 From Noreen Wise : Burton, you're actually right. I've been super proactive, trying to get climate solutions implemented for nearly 3 years. My Supervisor is amazing, but there is always someone in the mix who blocks. Large corporations are their main priority.
- 20:22:36 From Flint Webb : This is awesome!
- 20:22:56 From Chris Mitchell : Hi, Chris Mitchell, Williamsburg here
- 20:23:02 From Noreen Wise : By "climate solutions" I mean nature based climate solutions.
- 20:23:46 From Bret Leslie : Road closures to flooding could be added to the map
- 20:24:24 From Noreen Wise : Amazing maps. Super helpful.
- 20:24:30 From Yvette White : The map is very informative. I can't wait for it to be released.
- 20:24:45 From Burton Griffith : I love the mapping project too, and providing the information to the public

- 20:25:07 From JB : FloodFactor.com
- 20:25:11 From Yvette White : Did you have a map for “tree/shade coverage”?
- 20:25:17 From Bryan Campbell : I think tree canopy or land use layer would be a useful layer to compare your heat and flooding layer.
- 20:25:40 From Noreen Wise : Agree, tree canopy is vital.
- 20:29:13 From Bret Leslie : Fairfax County Tree Canopy and Impervious Surface Estimator is at <https://fairfaxcountygis.maps.arcgis.com/apps/webappviewer/index.html?id=bd774594fdd5497a8098bc1613f56421>
- 20:31:06 From Diana Reing : Staff and Constultants,
- 20:31:37 From John Wickham : Is Virginia or any governmental bodies in Virginia developing a statistic for economic vulnerability to climate change? For instance, Hampton Roads and Norfolk are extremely vulnerable to sea-level rise, and the number of jobs and Federal funding and military bases is well known, and can be quantified. Would Fairfax County ever want to look, say, at Old Town Alexandria, Springfield, Tysons Corner (McLean), Reston, through such a lense? This could help concentrate thinking. For instance, if Chambers of Commerce were invited to contribute the formulation of economic vulnerability indices, or commercial or residential real estate experts could quantify and estimate economic vulnerability to climate change, a useful tool could be developed. I recently learned by listening to Jeff McKay, Chairman of the Fairfax County Board of Supervisors, that 40% of Fairfax County’s government revenues derives from real estate taxes.
- 20:31:44 From Diana Reing : Thank you for a great evening and lots of great information. Can't wait to hear more as things move along.
- 20:31:48 From Diana Reing : Good night
- 20:32:40 From John Wickham : Great map, everyone! And terrific work you have done! Thank you for a great evening!
- 20:33:32 From Jerry Hopkins : Often times when measures such as suggested, add costs to the development of new housing. Currently, affordable housing is very difficult to build in the county because of land and development costs. Since there is such a great need for affordable housing, will there be additional funds available to affordable housing development to offset the impact of these resiliency policies? Please encourage this.
- 20:34:19 From Julia Nassar : Thanks again, all, for such thoughtful feedback! Again, we have captured all questions and comments from the chat and our team will review carefully.
- 20:34:24 From Noreen Wise : Thanks so much. Wonderful presentation.
- 20:34:28 From David Barker : Great meeting. Thank you all!



- 20:34:37 From Burton Griffith : Thanks, good night
- 20:34:38 From Judy Flynn : Thanks sounds like you're on the right track. This was interesting
- 20:34:42 From Mary Cortina to Julia Nassar(Direct Message) : Wonderful presentation. Thank you.
- 20:34:43 From Yvette White : Thank you!
- 20:35:12 From Samuel Gaber : Great job Team Resilient Fairfax!