**Lund, Katie's Personal Room-20250625 1445-1**

0:01
The grant team and so this project is really, really close to my heart and I'm really excited to be able to pilot it and I'm really glad that y'all are here to get excited with me about it.

0:10
So thank you all.

0:11
I'll pass it with me.

0:13
Good morning everybody.

0:14
My name is Jeff and I am it's circa Institute for resilience and client adaptation.

0:19
You guys might know about us like because we do a lot of project all around Connecticut right now and recently we had like heat sensors project Floyd in like Groton.

0:30
So thank you.

0:34
So what we what circuit does is generally like we try to apply the science so that we can find solutions for our towns needs for this project.

0:46
What we are doing right now is that Michaels is trying to ground truth the flooding photos and then see like how the actual measurements it's going to match like so that we can have like more related to the early adaptation and also that citizen science.

0:59
Thank you and I'm going to give it to Barry Seth.

1:03
Hey everyone.

1:04
I'm Larissa Graham.

1:05
I'm the education coordinator for the Connecticut Reserve.

1:08
I am for this team.

1:10
I'm helping with the outreach and communications to kind of extend the Mypost tool.

1:16
I did want to, not on this screen up here, but I did want to introduce Erin Bowie.

1:23
She has been hired by us to help with the communications.

1:26
So we're going to tag team a session later today.

1:29
So you get to talk to us a little bit about how to get the word out to your communities.

1:34
Looking forward to it.

1:36
Great.

1:36
Yeah.

1:36
You're going to get to know all of us a little bit more throughout the day.

1:40
If you want to know more about our organizations, we have some information.

1:45
Obviously, you can learn about more about what each of our organizations says.

1:48
You're all going to get to know each other a little bit better in the breakouts and at lunch.

1:55
We are not going to do introductions of all of you right now, but that later when you're in your breakouts.

2:01
But I just wanted to really briefly remind you about the flow of the day.

2:05
We have two great speakers for the first hour ish.

2:10
Wes Shaw is online right now in Seattle, joining us very early this time.

2:16
And then we're going to transition to more of a hands on exercise where we're going to do a bit of training with the app.

2:23
Does everyone have the app on their phone just to make sure?

2:27
Perfect.

2:27
So we can jump right into the training, which has an indoor and an outdoor component before going into on the breakouts, which I'll describe later.

2:35
We'll be back in here for lunch and the breakouts are in a different space, but like I said, I'll describe that later.

2:41
I did mention earlier, the pilot is also in New London.

2:45
You might notice that people from New London are not here, unfortunately.

2:49
Well, fortunately for them, unfortunately for us, they are unveiling a new Community Center in New London today.

2:57
So we are going to be meeting with them directly and sending them the communications and being in touch a lot this summer after this workshop.

3:08
Really briefly, the goals of today help you understand how Mycos is being used in other places, help you understand how to use the app yourself, and get your input and feedback on the app because it's launched in Connecticut for these three communities.

3:24
However, we can still change some of the aspects of it based on your feedback today.

3:31
We also want to hear from you how to implement it in the communities for you.

3:35
So those are really broad roles.

3:37
All right, I'm going to stop sharing these slides because it is time to introduce our first speaker who?

3:48
Sorry, I'll bring up your slides because people don't want to look at each other anymore.

3:59
Casey Tremper is here from Rhode Island Coastal Resources Center and Rhode Island Sea Grants.

4:07
So she wears 2 pots and we're really, really fortunate to have her help us understand how Rhode Island is using the Micos app and has for several years in the state of.

4:22
So let me try and get her.

4:24
For some reason, I cannot.

4:26
So I'm just going to put it down there and you should be able to answer your slides first.

4:32
So thank you for joining us, Casey.

4:35
I will bring it over to you and people I'm sure will have really great questions.

4:41
Hello, everybody.

4:43
As she just said, I am Casey Trumper with Uri Coastal Resources Center and Rhode Island Sea Grant.

4:50
And I came over from Newport today and I'm going to talk a little bit about my coast in Rhode Island.

4:58
But first I'm going to just talk a little bit about what my coast is and kind of introduce the concept.

5:05
I also want to let you know before we start that not only is this in Rhode Island, but it's also used by Massachusetts, Maryland, New Jersey and New York.

5:18
And I think maybe Delaware also.

5:21
W can tell you that in a little bit, but it is all over.

5:26
So what is my cost?

5:28
You guys have downloaded that app Now, if you had an iPhone, it looked a little bit like this.

5:33
Yeah, Android or anything, it looked a little different.

5:36
There are a variety of things that you can actually use this app for, including daily Tide schedules and nearby title gauges.

5:47
Yours will not look exactly the way that Rhode Island's looks in all of my screenshots because yours has been and specified to Connecticut.

5:58
But some of those things should still be there, I believe.

6:03
So when you go in, what you have, what the concept is, is you now have an app on your phone and you've become a volunteer monitor of when there are flooding events.

6:15
The flooding events are going to be, again, specific to Connecticut for your app.

6:22
I'm going to talk about what we are able to report on in Rhode Island.

6:26
So just take that with a grain of salt.

6:28
But when you notice that there is a flooding event, you go out, you take a picture.

6:33
You can either take the picture on your phone and then go home and upload it, or you can take the picture directly in the app and upload it on sites.

6:45
Either way, what it is going to do is submit a report.

6:51
It downloads a bunch of data that are related to, again, these tides, the wind, the weather, and I'm going to show you that in right.

7:02
So here is an example of someone that went out and took a picture of some flooding in Rhode Island.

7:11
What the report looks like to go with this are the all of these high tides, all of this information here.

7:22
And then that gets geolocated to the Mycos app and we are able to use that in other ways.

7:33
And so we'll get to that a little bit later about how the municipalities and communities have been using this.

7:40
Just one more example.

7:43
So here's Whitford, Rhode Island, this one's 2024.

7:48
And here are the So this was about 15 minutes before a high tide.

7:54
So it wasn't even quite high tide yet usually.

8:01
So I let there should be the rain as well.

8:06
Is this the yes, OK, water level?

8:10
OK, I'm so sorry.

8:12
Perfect.

8:13
So it provides all of that information, which is so in Rhode Island.

8:19
These are the types of flooding that we kind of focus on king tides.

8:25
We have started this app in 2014, using this app in 2014 in Rhode Island.

8:32
So king tides is sort of a known term at this point, but we have defined it specifically in Rhode Island.

8:40
So overall a king tide are the most extreme high tides of the year.

8:46
Scientifically in Rhode Island, we've given it a specific OK, when the tide is going to be more than .8 feet above mean high or high water, we are going to say that is a king tide and we want people to go out and take pictures.

9:03
We do that because an approximation of this king tide is what sea level rise will look like in a certain number of years, and we're able to model that in as well.

9:21
We also have the storm reporter.

9:23
So it's not a king tide, it's not that type of flooding.

9:27
It's just that there is a so much rain that some things are flooding.

9:31
So you're able to go in and document that type of flooding as well as other types of storm damage.

9:38
So if there was high winds, that's where you would go.

9:42
And then we also have a coast snap station, which you don't have to really worry about.

9:46
But they are basically foam cradles that sit in one spot.

9:49
And we take pictures of the shoreline at the exact same location.

9:55
People can go and put their phone and just take it at the same spot over and over.

9:59
But that's funded through a separate source.

10:01
Casey on the storm reporter.

10:04
This is still coastal, right?

10:06
We're not talking about flooding, inland flooding, correct.

10:10
So for right now, that is what we are talking about 100%.

10:18
And so this is the reports that have submitted, been submitted since 2014.

10:23
We've got over 5000.

10:27
We have community members that use this, organizations, nonprofits, and then municipalities, as well as some portions of the state, which is fantastic.

10:39
That's a little bit new.

10:41
And then we use it for a variety of reasons.

10:45
So I go into towns and I can use these pictures as really impactful visuals of why you should be looking toward resilience and looking for the future.

11:00
So just going in and showing someone a picture of their community and then potentially it being by someone taken by someone they know has been really impactful.

11:12
We can also use it to build the political will.

11:15
So if the same roads are flooding over and over, we can push for changes in those roads.

11:22
It helps identify the hotspots, and we've helped identify hotspots in different towns so that they can continue to be aware of specific locations.

11:34
And then we're obviously able to inform, again, inform those decisions and validating models.

11:41
In Rhode Island, we have something called coastal hazards analysis and Management.

11:47
Oh, no, program, I should have found that.

11:51
It's called CHAMP, Rhode Island Champ and it's coastal hazard mitigation and planning.

11:58
There we go.

11:59
And so we're able to use the pictures from that to say, OK, your models are actually showing the right amount of sea level rise based on is some pictures.

12:12
I don't know Anyway, so obviously the database is really rich and accessible now.

12:17
And So what I'm going to do is run through 2 case studies for you of how we've gone into communities over the last 11 years and targeted specific OK.

12:31
So first is going to be Bristol and we worked more with the municipality for that.

12:37
Whereas in Portsmouth, RI there is a community called Common Fence Point and in Portsmouth when we went in, the municipality suggested working more closely with the residents.

12:53
So 1st I'm going to talk about working with Bristol and then working with the residents in Common Fence Point, Portsmouth, RI.

13:03
So in Bristol, this is kind of the end, one of the end points where one of our fellows was able to create a story map that it can now live on the town's website where if you scroll through, which we don't have right now, it's got the maps of flooding and a bunch of pictures from my coast.

13:24
And that was one of the things that they were most interested in was having a visual to live on the town website and kind of explain these things to people.

13:35
So if you don't know where Bristol is, we've got Connecticut and then Bristol is this tiny little part in here and it is pretty prone to flooding, especially in this area, as you can see.

13:53
And so one of the first things that we kind of did was like we're able to use these maps, but then go out and have people identify, yes, these are the flooding hotspots as well.

14:08
So we went into the town of Bristol with the town planner and the assistant town planner, and the first goal was to put together an advisory group.

14:25
So the advisory group consisted of like 7:00-ish people that came from local nonprofits, the like Save Bristol Harbors group, the Harbor master, the chief of police, as well as a couple of other like nonprofit local groups.

14:47
They then recruited some of their like members and volunteers and staff potentially to go out and again, ground truth some of these specific hotspots.

14:59
So you guys will be able to see later another map that actually shows this and like how you can do it as well.

15:08
They then wanted us to, now that we had some hotspots, work on communicating to people when to go out and what they're taking pictures of.

15:20
So these are just two examples of some materials that we ended up creating.

15:24
This just way bigger than it's ever been before.

15:27
It's a bookmark.

15:29
And so it's actually only like 2 by three.

15:33
And then we also have like a trifold pamphlet that we made.

15:39
This is the other side where again, this is all specific to Bristol and something that they wanted to be able to have in their libraries and town hall and things like that to really spread the word.

15:57
And these are some of the photos that they were able to get out of it.

16:03
Papa Squash Rd.

16:05
This one happens every single time.

16:11
And then just another kind of end point.

16:13
So this was a two year grant that was funded by the Rhode Island Foundation and they funded myself along with the town of Bristol.

16:26
And one of the final things that they were also interested in was having a poster.

16:33
So this is like a movie size poster that has all of the hotspots that they had identified, the storm tools map that we have with the flooding to show that those overlap with what you would expect.

16:50
And then the actual physical pictures.

16:53
And we tried to get different types of pictures.

16:57
So this one is a king tide where and then this one is like a specifically a sunny day king tide.

17:07
And then this is more of a storm picture with with harbor flooding.

17:17
All right, any question?

17:18
Well, do I do questions now?

17:20
I can do questions and questions at the end.

17:22
All right, I am doing them.

17:24
All right, So ink, I remember that common fence point.

17:30
So moving on to common fence point, I realized as I was doing this that they're actually super close together.

17:36
So we were in Bristol.

17:37
We're just jumping over right here to common fence Point in Portsmouth and this is some of the stuff that they were dealing with.

17:51
And so the funding from this came from C Grant where our like omnibus funding allows for you know, different pilot projects.

18:01
And when we went into Portsmouth they were looking, they weren't looking to take it on as a municipality.

18:08
They suggested going in and talking to the residents and trying to get them interested.

18:17
So just showing you again that it is a the area that is extremely prone to flooding.

18:26
And so we did a bunch of, I didn't get to do this one, but my colleague Ben Rubinoff got to do a bunch of really cool activities with this area.

18:38
In common sense, .1 of them is during 2020, having Earth Day bingo outside and going and trying to locate all of these different locations in your area and going on a on a walk and identifying the different locations.

18:57
They were able to find champions of this project that had been dealing with the flooding in their homes and were willing to take on more of those efforts of resilience and invigorating their neighbors in different ways.

19:18
And so one of the things that they were interested in, again, was figuring out what the different areas of issue were and then figuring out what they could potentially do as a community.

19:33
So this is just one little screenshot of a much longer document that talks about all of the entrances to the common fence point area and then what we could potentially do to promote resilience around that area, how important it is and what the time frame is.

19:56
So this is something that we are able to kind of provide as a guide for them to be able to decide then to then to give back somebody that to be able to work through and decide as a community what made the most sense to prioritize and put in those efforts.

20:18
And So what it came out as is actually something that is still ongoing.

20:23
We do not.

20:25
Have the funding to like support them anymore.

20:28
So they're fully, they're on their own, which is awesome.

20:32
Then they still get super excited about sending in all of their pictures.

20:37
But they have created something that was bigger than my post by using that volunteer aspect and really empowering themselves.

20:47
So they created the common sense point preparedness committee.

20:50
Overall, they're still holding meetings.

20:55
These are some of the materials that we've created to help them, again, as a community get more members, explain kind of what they're the goals are and how to take action.

21:14
And again, it evolved past my post.

21:17
So this is Wendy Ferguson with City Bay in Rhode Island going out and doing native species plantings with the residents in common fence Point as a resilience measure.

21:33
And they took things again even beyond that.

21:37
Still working on initiatives today.

21:40
And when Pam retired and I was taking over at her retirement party, heads of the preparedness committee came up and they said, so you're taking our pictures now, right?

21:50
You're, you're the one that we'll send our pictures to.

21:52
And I was like, yeah, I got it.

21:53
We're still working on it.

21:55
And actually tonight, our Coastal Hazards Modelling and predictions team is going back to Common Fence Point to see if they could benefit from any further information or any further tools from Uri, including Jim.

22:19
So that's it for me.

22:27
Yeah, questions.

22:28
We don't.

22:28
Yeah, except videos as well as pictures.

22:39
So they recently didn't start accepting videos up to I'm going to let Wes answer either 30 seconds or a minute.

22:48
Those are the perfect pictures.

22:55
Did you have on your on the common Fence Point team or any advisory group?

23:01
You also have the economic development people and real estate folks.

23:05
That is an excellent question.

23:08
I do not know the answer to that.

23:11
I would say that they made the effort to include the residents that were interested in those topics, but it wasn't necessarily that like someone from, again, the town or anything was.

23:26
Yeah.

23:27
Does that make sense?

23:28
Yeah.

23:29
Thank you.

23:29
Yeah, absolutely.

23:31
I'm also happy to put people in contact with different municipalities to talk to them about their efforts as well.

23:38
Yeah.

23:39
Is there anybody that's administering the photos like, you know, if you have, shall we say, scary list photos that are added to it or anything like that?

23:50
Who's who's administering the database?

23:53
Yeah.

23:53
So that is completely up to you.

23:57
Actually, it is different in different states.

24:00
So for Rhode Island, I actually have it so that anything can get uploaded, but then we're able to go in and delete anything that we are don't like or does it fit our standards.

24:18
I do have a fellow that I just like to ask, did you have once a week?

24:23
There are options though, like with our Co snap that's funded by the Department of Emergency, Department of Environmental Management.

24:31
Sorry.

24:33
And it's on DEM property.

24:35
So they did not want any pictures that had their logo and stuff on it.

24:40
Just going right up.

24:42
So the Co snap pictures, all we go in and choose which ones are allowed to be uploaded.

24:50
I will say, sorry in in Massachusetts, they would disagree with my approach and they would say all of your pictures should definitely be vetted.

25:01
They have it so that they're working very closely with the state at all times and they want to make sure that all of the pictures are really up to like that higher standard.

25:16
But because I don't have the relationship with our like Emergency Management as much, we haven't gone through that effort unfortunately.

25:26
So for the pilot project, Sarah Sigran is going to be that main person for these three pilot communities to kind of make sure that those photos that are in the system get vetted.

25:39
And then last you'll meet in just a minute is also kind of the, the another point at which photos can be kind of reviewed and and vetted.

25:50
So there are a couple points of contact.

25:52
OK, So after the pilot program, it will be turned over to to the communities to use as they like.

25:59
Well, that is a very good question.

26:02
We, we're doing this pilot for two years.

26:05
We got funding from the Long Island Zone Futures Fund that included a license for the three communities for those that period of time, for the two years.

26:15
Our hope is that the state will understand the importance of it.

26:20
We'll hear from all of you and consider implementing it statewide and getting a license for the state.

26:27
As Casey mentioned, every state does it differently, but Connecticut is a missing puzzle piece in the Northeast.

26:35
We don't have it here in our state, but it is implemented statewide, as she said, in Massachusetts, Rhode Island, New York, New Jersey.

26:41
And so that's partly why we're doing this puzzle.

26:45
And I actually spoke a little bit too soon.

26:47
As of yesterday, we finally did actually get funding from the states in the in the state budget they passed this year.

26:59
We were going to run out of money for basically all of UR is coastal hazard tools, storm tools champ and my coast.

27:08
And so they actually yesterday passed the bill that did give us a little bit of funding.

27:14
So starting to recognize the importance of which is fantastic.

27:18
All right, follow up the secondary application of data to work with communities cost money.

27:24
Can you give us a ballpark what these projects cost for the communities to figure out Bristol and the that is an excellent question.

27:38
Well, I know that have the app for an individual community, it's $5000 per year for the state to implement it.

27:45
Statewide it's $25,000.

27:46
So it's much more economical if you're going to have multiple community.

27:51
I think my, my question is more the secondary application of it.

27:53
So that license to collect the data is, is one thing, but you guys put a lot of effort into these communities.

27:59
Who paid for that?

28:00
The communities paid for it.

28:02
So the so in Bristol, they actually applied for a grant from the Rhode Island Foundation.

28:09
And so the Rhode Island Foundation funded all of that work.

28:15
And then in common fence point, it was C grant that funded all of those efforts.

28:21
And so it didn't necessarily come from the community in the efforts afterwards.

28:28
All of the data is publicly accessible.

28:32
So anybody can use any of the pictures that they want, any of the data that they want.

28:40
It's also all available in the back end on GIS, which is something that I unfortunately don't super understand, but I do have people that do.

28:51
And Boop are able to do some really cool things with it and potentially integrate it into communities GI like the town, the municipality of Bristol, into their GIS system for you.

29:06
But if the state opts not to do it, is it possible for a regional group like the COG for someone to get a license?

29:13
Yeah.

29:16
Yes, Sarah, you spoke about both of the case that he's having an advisory committee and I guess that people kind of help get the word out.

29:24
But what are some tips, I guess, that you guys observed of how he could actually help really spread that word?

29:32
I think definitely listening to the people in the community and seeing like, what works?

29:39
So I worked with one group that this is a silly thing, but like bookmarks didn't really work in Bristol like that.

29:47
It wasn't like a huge hit item.

29:50
But I just started another pilot project in Providence, and the nonprofit that I'm working with there is really integrated in libraries already.

30:02
And so when they heard about bookmarks, they were like, Oh my God, that's genius.

30:07
We can make like hundreds of those.

30:11
And so those were some good ways of getting it out.

30:14
We're also using the model in Providence of like, training the trainer.

30:19
So like training some of the community members that are like really passionate about this aspect and are being affected by it, giving them enough confidence to feel like they could go out and like have a presentation at a library or a nonprofit or just like tell their friends, which was me when I was like working at the Missile Protection Agency in 2012.

30:42
I was the one I'm like going out and taking pictures with my host.

30:46
And now I get to kind of do it as a bigger piece.

30:49
Does that help?

30:50
That helps.

30:52
And I guess a follow up to that is from municipalities perspective, is there a disclaimer that we need to put or mention if we're saying, you know, go up until storm and take pictures and they.

31:05
Yeah.

31:06
And so we always on all of our communications through emails and everything say like use caution.

31:13
And then I think that you guys are already going to be working pretty closely with Massachusetts, like details on how to stay safe.

31:21
Yes, we have a couple examples of of some of the important points to be hitting in those kinds of messages.

31:29
And so that's going to be part of our breakout this afternoon is to get a little bit of feedback on that as well as getting feedback on some of these engagement materials for your communities and and the points of interest like.

31:42
So that's all we're really hoping to get that kind of input from all of you as part of the breakout session later.

31:50
Yeah.

31:51
So my question is, it is more from as the mayor, what am I doing with this, right?

31:58
I get it that we want to take pictures.

32:00
I get that we want to collect the information and everything else.

32:03
To what end, right, It might take.

32:06
It is, is the intent for me to take this information and then use it to go for grants in order to address some of the flooding issues.

32:18
Because I know that I have flooding issues, for example, Shore Ave.

32:21
and down in Pine Island.

32:23
I find Island and you know, we have pictures already, we can populate this.

32:29
But what are we doing, you know, other than collecting the information, say look what we got here.

32:36
What is the pragmatic use for me as municipal leader?

32:40
How do I go?

32:41
What am I doing?

32:42
I'll let you answer first for Rhode Island and then sure, Yeah, yeah, go ahead, Gordon.

32:50
So definitely in terms of the grants things, I think that the pictures can be impactful, not only that like 1 exists, but that it is continuously happening.

33:03
And that in the way that you can go and search through the data, you could look at one specific road and see how many dates someone went out.

33:15
And like now we know that there this happened like 40 times, not just two.

33:20
That is one of the benefits.

33:23
I think that it is also impactful, again, for just the community visualization aspect of it and kind of helping people's mindsets into this, like thinking for the future and thinking of solutions to the problems that are happening now because they're not going to get better.

33:49
And it would be like it.

33:51
It's good to start thinking about it.

33:53
And just like creating awareness overall has sort of started to ease people into the thought of like, oh, now we should do something.

34:05
And I will say my Pam gave me an example of I can't remember which I think it was common sense point.

34:15
Their baseball field was really starting to flood.

34:19
And one of the efforts that they made once they realized that that was an issue was to like stop cutting the grass all the way back and like let just kind of let the water come in.

34:32
But then they just decided that the IT was too important for them and at least they made the decision like, no, but the baseball field in our community is more important than that.

34:43
And at least it was an informed decision.

34:47
Where is there been other better examples of the Department of Transportation?

34:53
Right now is where my funding is coming from for the next 18 months, and they're really interested in having that round truthing of these roads are flooding rather than it being like the people that know who to call, calling them over and over and saying like, fix my Rd.

35:13
don't tell the Department of Transportation.

35:15
I told you they said that.

35:18
So we had a webinar in April.

35:20
And during that webinar, we also heard from Megan Granado, who's the ton of rotten sustainability.

35:27
So we wanted to, I know you've been thinking about Minecraft for years.

35:32
Maybe you can just offer a couple ways that that that it's potential for decision making, not just public awareness, but decision.

35:40
Yeah, happy to.

35:41
So actually caveat my experience with my coast goes back to when I worked for the state of Maryland for eight years.

35:46
So at that point when I was with Maryland DNR, they were launching my coast statewide.

35:51
So I think the echo, what Casey was just saying, the data quantification is really important.

35:56
The photos are great.

35:58
We take a lot of photos for flooding as well.

35:59
But having it specifically tied to certain tide condition, storm conditions, it's also helping us sort of expands the view.

36:10
There's four or five in US of us in our office that will go out and photo document flooding.

36:16
But what happens during the hours we're not at work and there's only so many of us.

36:19
So it's amplifying the number of photos that we get to see and flood conditions we get to see at timing that maybe, you know, high tide was at 5:30 AM.

36:28
And I will be honest, I did not work at that time.

36:32
Maryland was also really trying to engage emergency response professionals and public works departments with this.

36:41
So potentially it could be a cool a tool, especially if photos and no adversity handles it really with real time uploads versus reviewing them first.

36:49
But if real time uploads are allowed, it also expands the view of emergency response professionals in understanding road conditions that are flooded public works of maybe having to go out and put down Rd.

37:04
barriers to keep people from flooding.

37:05
So I'm hoping that it can be a tool that's applicable to, of course, people and planning sustainability, those sorts of things for the grants in the longer term projects, but also people who are like boots on the ground managing those transportation assets on a daily basis.

37:20
And I will say that that is the thing that Massachusetts has done really, really well.

37:27
And unfortunately, we just don't have the same relationship with Rhode Island Emergency Management.

37:34
But in Massachusetts, the coastal zone management.

37:42
Yeah, it's just CZM, right.

37:44
CZM funds my coast as well as I believe that they do some of the backgrounds like pictures so that they are able to monitor real time if someone needs to go out and do those flying carriers.

38:01
So that's something that we've been pushing for and I do think it's really important to kind of think of that early on.

38:09
Definitely we're going to transition to our next speaker, but please join me in thanking Casey for welcome.

38:22
Bear with me for a minute while I get W Shaw up on the line.

38:30
West new.

38:34
This is a cool thing about this room.

38:35
So if you see his room now, he can see all of us.

38:40
Good morning, everybody.

38:42
Wes, we can hear you.

38:43
Awesome.

38:44
I see your slides.

38:48
Let me see.

38:51
There's a way to do this.

38:54
You're sharing yours, I think.

38:58
OG.

39:02
No.

39:04
So we're recording this just so everyone knows there's a way for me to can people see his slides well enough.

39:15
So I'm not going to mess with this anymore.

39:18
And so as you can see all of us in the room, we can hear you, we can hear you and we can see your slides.

39:24
So you know Westshaw is the Co developer of the Micros app.

39:28
He is in Seattle, but we've been working very closely with him for the last couple months.

39:34
He was on a webinar with us in April where some of you I think might have joined.

39:38
At that time we didn't have the app yet ready for the three communities, but we have it today.

39:44
So he's going to talk a little bit about that, get a little bit of kind of background for those of you that work on that webinar.

39:51
I hope you've had your coffee because Wes is really great.

39:55
All right, so Wes, go ahead.

39:58
Thanks.

39:59
Thank you, Katie.

40:00
And I have had my coffee over here despite the fact that it is what 715?

40:03
So thankfully I'm a morning person.

40:06
I used to live out in in New England, so not I was up in Massachusetts working in the office of coastal Zone management back in the day.

40:13
So it's great to be back here at least virtually.

40:15
And what I thought I'd do today is really quickly buzz through what happens, how my coast, the whole thing works.

40:22
And I realized you heard a little bit of this earlier thanks to Casey, but I'm going to dig into some more details and also hopefully.

40:29
To give you a chance to ask any questions you might have for sort of the technological side of it.

40:33
So I'm, I'm not so good on the outreach part, but the the tech stuff I should be OK on.

40:37
All right, so let's get started real quick.

40:43
So First off, we have this overall question, what is my coast?

40:46
So in its simplest sense, My Coast is a web application with an app that comes as well that in its simplest form you got, you could take a picture, you can drop a pin on a map, and then we take that data, it'll get sent to our servers and we take that information and wrap some context around it.

41:03
So we want to take as little information as you want to give us and provide the most complete story about how that all works.

41:09
So we're going to go into examples of all this.

41:10
So just real quickly, the flow normally goes, people submit something via the app, it goes to our servers, and then we generate a report and Casey showed you one of these reports earlier.

41:21
As time has gone on, we've realized that people want some different interactions.

41:24
So I'm going to mention some things in passing and not going to great detail on them, but I can certainly answer questions about them later if you want.

41:29
One thing that we have that Casey didn't mention it is that all of our data, we really don't want to be the the holder of all the data.

41:35
We will store all the data for you, but we don't want to own it.

41:37
So it's always accessible.

41:39
It can be downloadable in all sorts of different formats.

41:42
Mostly that comes out as a CSV file, which you can open up into Excel and then import into largely anything.

41:49
Lately we've gotten more questions for requests for GIS capabilities.

41:55
So we're doing geospatial stuff.

41:57
Those of you are in this world, everything is on Rpis online.

42:02
And for those of you who are dirtier yet, we have set up with some groups, some sort of API where basically our servers can talk directly to other servers.

42:08
And I'll show you an example of this a little bit later on.

42:10
OK, so that's real quickly what it is.

42:13
Over the past decade or so, we've gotten about 41,000 reports that were submitted by over 18,000 users and we've got about 61,000 photos in our gallery right now, which begs the question, 41,000 reports of what exactly?

42:28
And the short answer is that states are using it for a lot of different things and we've got new things coming online all the time.

42:35
But today, because you know, we have limited time, I'm going to talk about the ones that are going to be applicable in Connecticut at this time.

42:43
So let's run through those real quickly.

42:44
And you're going to go into more detail on these later.

42:46
So I'm just going to introduce them from sort of a little bit of background.

42:50
The 1st is high tide flooding.

42:51
And this is exactly what it sounds like, which is we want people to submit pictures showing what what, what areas look like when just the tide is kicking in.

43:01
And sometimes it's more complicated, right?

43:02
Sometimes there's the storm or something else on top of it.

43:04
But really we're trying to get a baseline idea here of what what is just the tide itself alone do.

43:10
The next thing is storm report.

43:12
So this is for when storms come through and you get a lot of precipitation.

43:16
So this street is not flooded from a tide.

43:17
This is not right next to a Bay.

43:19
This is just rain, rain, rain, rain and more rain.

43:22
So this is also useful for municipalities hopefully to know these are the areas that flood from this.

43:27
And finally, the last one is storm damage.

43:30
And this is well, storm damage.

43:33
So sometimes the storms comes through and they don't just provide a little bit of flooding here and there and not causing any any real harm.

43:39
Sometimes they come through and they really wall up the coastlines or inland from the coastlines.

43:43
You can see this house has gotten hit pretty badly by a storm.

43:45
It's starting to get undercut.

43:46
So that's what we're trying to capture in here.

43:48
And here we provide more details and I'll show you an example of this in a little bit to provide more than just photographs.

43:55
So how does this whole flow work?

43:57
Well, let's start at the beginning and go from picture all the way to an actual report.

44:01
So most of our reports, I think, I haven't looked at the number recently, but I think it's over 95% of the reports come through the app.

44:10
You can submit via the web, which I'll show you a little bit later on, but almost everything comes through the app.

44:14
The app is available on both iOS and Android.

44:17
So I'm lucky in that my Co developer is an Android person and I'm an iPhone person.

44:22
So we we test these things all the time and find bugs that the other person has missed.

44:27
When you first launch the app, you end up on a screen that looks like this and there's a few things you can do.

44:32
First, I will point out that we always show you your your tide data.

44:36
Thanks to to Noah, we can go out and fetch that and say, OK, here's what your tide is like, here's what it's going to look like in the immediate future.

44:42
We also have that daily button here and if you click on that, it gives you a breakdown of what's going to happen over the next week or so, showing all our different predicted tides.

44:52
Now to do more than this to, to get to the real media, but you do need to log in.

44:56
So there's a big button down here at the bottom and you hit log in and you can, there's a registration button beneath this.

45:00
But just the login thing is, is and registration are both very simple.

45:03
All we need from you is an e-mail address and a password.

45:07
That's we're not interested in collecting information.

45:10
There's no marketing thing going on.

45:11
We don't touch the users at all.

45:13
This is just that the states themselves have full control over the users.

45:16
We don't send out emails, we don't share any of that data.

45:18
It's just for so people can authenticate and get into the site.

45:22
Once you are logged in, at the bottom you'll see we've now changed to an add report button.

45:27
And here's where the fun starts.

45:27
So if you click on this add report button, it shows you a list of the reports available in the state where you're standing at that time.

45:34
So what this means is if you registered in Connecticut and then you go to Massachusetts, you will see different reports because they have different report types there.

45:41
So we say, hey, where are you right now?

45:43
OK, here's the reports that are available that this state is gathering.

45:48
If we click on one, if we click on the storm damage button, we're going to end up on a page that first looks like this.

45:53
So it says, hey, let's start off with a picture that's sort of the core of all this.

45:57
So you can take a picture.

45:58
You can see either directly from the camera on your phone.

46:02
You can pick one from your library, or you can take a video clip from your library.

46:07
So the if you take a video, there was a question about this earlier.

46:10
I'm sorry, I was on mute and I didn't want to interrupt anybody by the time I got off of mute.

46:14
The the videos are limited to 20 megabytes right now.

46:18
And that is really just because a lot of people have slow connections.

46:22
That could be really frustrating waiting for things to upload.

46:24
If it turns out that people want to upload bigger videos, we're happy to talk about that.

46:28
But that ends up being, you know, sort of five to 10 seconds.

46:30
So we're not trying to get documentary length movies here.

46:33
Just people really wanted to be able to sort of pan their their camera around or take pictures or excuse me, take short videos of the waves coming in or something.

46:41
So that's that's where we are right now.

46:43
But all this is constantly under development.

46:46
OK, so then you go to the next page and this is already prefilled.

46:50
This is a thing we learned early on is we can grab this data straight from your phone.

46:54
So we don't need you to do anything.

46:55
You can adjust these for whatever reason if you need to, depending on how your privacy settings are set on your phone.

47:02
If you're sitting in a bar after a big storm and you want to upload a photo, it will try to grab the location and the date from the photo.

47:09
So this will automatically set to whatever your photo is if that data, if those data are available.

47:14
So but really simple screen here and on, on something where you're just submitting a high tide report, this is all you will see.

47:22
You won't see this.

47:22
This button at the bottom says impacts to report.

47:25
So if you turn this on, if you toggle this on, then it asks you follow up questions.

47:30
And this is a thing which we have built in sort of throughout the app.

47:34
There are different ways.

47:35
We don't want to overwhelm people with all the different things You could answer if, if there are no impacts to report, we don't need to ask you about impacts to roads, etcetera.

47:42
So the, the, the little version on the left here hides the fact that there are 85 odd questions in here that you can potentially trigger.

47:51
If you say, yes, this was damaged.

47:52
Yes, this was damaged.

47:53
So for example, if you say the roads were impacted, you can toggle that on.

47:57
It's going to say, OK, what was the name of the road and give you a chance to type that in?

48:00
And then what were the impacts that you saw there?

48:02
Is it impassable For these reasons?

48:03
Or is it impacted but passable, whatever else.

48:05
So we can, we've, we set up a first version of this for Connecticut, but this is, is very, very flexible.

48:13
And finally, the last step, it shows you where you are and you just hit submit.

48:17
If you don't like where you are, if you took the picture somewhere else, you can just drop the pin somewhere else, just click on the map somewhere else and then then hit submit.

48:25
And then it gets uploaded and then it goes to our server.

48:29
OK, so now when it hits the server, we have the date and we have the time and we have the location.

48:35
So we take these three bits of information, we go out to the World Wide Web, we start off at Noah Tides and Currents and we say, okay, what were the title conditions at that time?

48:43
So this is kind of a neat feature with this, and I will leave it to your leadership there whether or not you want to do this.

48:50
But we can fetch historic title data pretty easily as well.

48:53
So if you submit a picture from some people have submitted photos from the 80s and it will go out and try to get the tie data from that.

48:59
And usually we do get a report of that.

49:01
So if you've got some neat historic old photos, if you upload them, we can fetch that tie data.

49:06
Similarly, we go out and grab the weather data.

49:08
We use a couple different sources for this to say what was going on around that time.

49:14
And increasingly, because this is 2025 and I am a computer person, I have to mention we are using AIA little bit.

49:19
It's mostly in the background now, but what we're doing is we're starting to ask it to look at the photos and identify what's in them.

49:25
So for example, here, it's done a pretty good job saying this is a group of logs, right?

49:30
That's not so bad.

49:31
And this I thought was really impressive, a person wearing a hard hat and standing on a log.

49:36
Less impressive was this.

49:38
So for this reason alone, we decided the, the, the, since this is not a crocodile, we are not showing these, the, the, what it thinks it is yet.

49:48
We're, we're still refining this, but it is all restored.

49:51
So our hope in the future, so we might be able to do cool things like allow people to search for, well, crocodiles, for example, and hopefully not get this.

49:58
So stay tuned for all that this is, this is an well, we're excited about it and I think we're going to get some stuff out of it.

50:04
OK, so now we've got all that data.

50:07
So now nearly instantaneously, meaning the report got submitted, you can then click on a link and view it and pretty quickly you will get something that looks like this.

50:15
So the person here submitted these photos so that that's all in them.

50:20
And all we have aside from that is the date and time.

50:24
So we then go out and say we, we go to a, a Geo location thing and say, OK, where is this picture?

50:29
What, what do we call this?

50:30
So this one, for example, is up in Hull.

50:33
We can put the county in there.

50:34
We can we gather all these different data so you can filter for the stuff later if you really want to know.

50:38
I just want to look in this town or this neighborhood or whatever else.

50:40
We have all that set up.

50:42
We put it on a map so you can have a quick look at it and then we grab that title information I mentioned earlier.

50:47
Thanks to to Noah.

50:48
So this one, for example, is showing it's a little bit after what, a couple feet below high, high tide And it's already, well, it's still as bad as you've seen the photos there.

50:58
We also grabbed the weather data.

50:59
This was an early request because people did want to guess at least.

51:03
Hey, is this is this rain water flooding or whatever else?

51:05
So you can see we have both the rain that calendar day, so starting at I guess 12:01 AM and then the past 24 hours, which is sometimes really helpful if you know, for example, here, it didn't rain at all that day, but it rained and isn't half the day before.

51:18
So maybe some of this, this flood flooding we see on the streets is contributed to by that A newer thing we started doing and this is the thing we can we can look into see what gauges we've got around you is we go to USGS for river gauges.

51:31
So this is a shot down in, in Maryland.

51:34
So the idea here being that maybe the rain wasn't the rain wasn't anywhere near you, but it it rained further up the watershed.

51:40
What's that river doing now?

51:41
So is that why your street is flooding once the e-mail gets that far?

51:46
Or excuse me, once the report gets that far, we we ping the states if the state wants to be pinged so they know that it's in.

51:53
We also send a thank you to the whoever submitted it so they can click on the link and go look at their, their results and the data.

52:00
As I mentioned, we don't want to, we're not trying to be a close silo here.

52:03
So there's a, a, a section on the site you can get to where you can download stuff by in bulk.

52:08
So there are various filters.

52:10
So those of you who work at the municipal level, for example, could easily filter to say, hey, I only want the reports from my town.

52:16
And what's more, I only want the reports from my town from this date range or whatever else.

52:21
This is all really easily doable.

52:23
Those of you who are into the world of GIS, we now send all of our public reports.

52:27
So if the approval process has been mentioned a couple times earlier on, there is a way to to keep everything private.

52:34
So the RTIS stuff, just to be clear here, only shows public facing stuff, but we upload everything every few minutes to this, we update our RTIS database.

52:44
So you can zoom in and sort of get whatever you want out of that.

52:48
Different states are doing different integrations with the data.

52:52
So they, for example, this is in New Jersey and they're, they're showing the pins on this map showing sort of how different things are affected by different title levels.

53:04
This is a climate change one showing our my Coast reports on there.

53:08
And in Rhode Island, there's a great tool called Storm Tools that that shows, it allows you to look at sort of where future sea level rise will put you and look at a report of from my coast of where that area has flooded.

53:22
So we've been working, as I mentioned for a decade or so on this with partners all around, all around the US.

53:28
We, we are now with 10 States and the US Virgin Islands.

53:33
And we're really excited that that you guys are, are joining on board with us.

53:36
So realquicklyherewehaveputtogetheranewpage@microsoft.org/CT thanks to the partners on here.

53:44
And right now it's, it's AI want to emphasize that we are at the, the early stages of this.

53:50
So we've got your home page.

53:51
So you land on that and you, you've got your, your picture and a little overview of it.

53:55
And then you've got a section showing that the tools that you have available right now, if you click on one of these tools, like for example, this one, it will take you to a form where you could submit stuff.

54:06
And this will also do that thing what we'll grab that the date and time out of the photo if you've got the metadata in there.

54:12
But like I said, there really is a lot more to come.

54:14
We can't, for example, there's not a map to show you of all your reports yet because we don't have any reports yet.

54:18
But real, real early on this, this technology is all built.

54:21
We just need to basically turn it on for you.

54:24
And you can see in that this the sidebar over there that you've got all these different filters.

54:28
So you can filter by report types, you can say where what sort of flooding does come from.

54:32
You can basically there's all sorts of different filters we can set up.

54:35
So if you guys say, I really want to be able to look for X in here based on the the data that you've got, we should be able to set up some filters for you and get you what you want.

54:44
So that's really my my quick overview.

54:46
I'm happy to take any questions anyone might have on how any of this works or, or if you have thoughts and aspirations of what you'd potentially like in the future, I'd be happy to stick it on my list.

54:57
Yeah.

54:58
So W can hear anyone from Vancouver.

55:00
Let's see if anyone, yeah, any any questions for West?

55:06
Just a real basic question.

55:08
Do you take both horizontal and vertical photos?

55:11
There was one for bird so we take both and I think I would say whatever you guys prefer to have to ask people to input that that's what we would prefer to have is whatever you want so no it the the galleries all work fine with whatever orientation and so it's whatever's going to capture what you're trying to get best is is would be great yeah.

55:36
Are one of the project team members, be it Circa or Secret or another like planning to build in that API functionality as part of this project or which, which functionality?

55:47
The API server to server really fast.

55:51
We haven't talked about that, but if you find that that could be useful, we'd love to.

55:57
Yeah.

55:57
Yeah.

55:59
OK.

56:01
Yeah, I, you know, I think that's kind of the goal of today.

56:05
I'll I'll describe how the breakouts are going to work in a little bit, but you're going to be kind of with the agencies and the regional planning groups.

56:14
And so that's kind of part of our conversation during the break up too.

56:17
So that would be helpful to hear.

56:19
I have a question was for you.

56:21
You mentioned municipal staff can download bulk reports.

56:26
Do they need to have a different kind of administrative status in the app itself to do that versus, you know, like us as the team, the project team?

56:36
Yeah, great question.

56:38
The let's see, so we have a a very robust search page that you can sort of drill down.

56:45
I sort of well here, let me just scroll back up to it, this page right here.

56:48
So you have all these little filters you can put on on the left side here.

56:51
These filters vary from state to state.

56:52
So some of these might not apply to you.

56:54
But this download button, can you see my cursor in that world?

56:59
OK, so this down this download button over here in the in the right, just beneath the map that lets you download whatever is there at this, Katie, this is sort of up to not to put you guys on the spot.

57:10
It's up to the state.

57:11
Some states have this download button, some states don't.

57:13
But if you guys want it, then we will have it right there.

57:15
So whatever you can see as that as that person, you can download, which which is to say internal reports are not visible to anybody except for the state leads or okaying them.

57:26
But so, but municipalities should be able to get every single public report just by going to this page if they want to and click and download.

57:34
Yeah, that's great to know because one of our breakouts, the municipal groups in the kind of identification of these points of interest is also going to have an opportunity to meet with Sarah, talk about the app.

57:46
You know, again, we can design this how it best fits your needs.

57:50
So that's good to know that that's an option.

57:53
Yeah.

57:53
And more and more people are saying we're just going to go to the Arcgis Online layer.

57:58
Just stick that on there.

57:59
So if if all you're doing is working with a map and you already have a map that you like in Arcgis, it's easy to add, add our pins in.

58:07
Yeah.

58:08
Maggie, if a citizen scientist was interested to see what other people were noticing, how would they do that?

58:18
Great question.

58:19
They have to down do the municipal download or do it through a municipal office or could they access?

58:27
Yeah.

58:27
How does the public access the report?

58:29
So this is one of those things where we don't have a page to show you yet because we don't have any reports yet.

58:33
But what we normally would do, and this is up to you guys if you want to do it this way, is for each report type, we would have a page.

58:40
And that page would show a map with all the different reports on it and a gallery showing the photos.

58:45
Initially all the photos, and then at some point some sort of way to filter it so it doesn't take an hour to have to load the 4000 photos that are in there.

58:52
So all those data are available in sort of a pleasant way where you can zoom in on your town and say, oh, what's going on here?

58:57
Click on a pin and see what's there.

58:59
Or you can just look at a big gallery and say, these are the interesting photos.

59:02
We also have the the it's built in right now where we can set featured photos.

59:07
So that means that that designated state leads can go in and click on a thing and say, hey, this is a a debt.

59:12
This is a featured report actually.

59:14
And then we can have a gallery on your front page showing all the feature reports.

59:17
So there are also different ways.

59:19
We're happy to build whatever you think could be useful for you and actually wouldn't.

59:25
I'm just this is this is so I'm lucky that my business partner right now is not on this call and he has to do some of the hard coding for this.

59:33
So I'm going to volunteer him for something.

59:34
Which is to say, I think if you guys were interested, we could set up, you know, a municipal, a municipal page for each of the municipalities that would show all the reports from just your municipalities.

59:43
So we could sort of preset some filters on that.

59:45
That would be something that would be interesting to you.

59:49
All right, last question, maybe Betsy.

59:50
Yeah, I I may have missed it, but how quickly does the report generate after somebody uploaded their picture?

59:57
Very quickly.

59:58
So pretty much instantaneously the let me see if I should scroll back to this.

1:00:07
So I'm just going to with this report page here.

1:00:10
Actually, this is a, this is a great example.

1:00:12
We immediately geocode it.

1:00:14
So you get sort of a page with everything that's on the the left side almost instantaneously.

1:00:20
The, the sometimes it takes a while for the, the tide data to get in.

1:00:24
So we start pinging Noah right away to try to get the tide data.

1:00:27
What this report, this example is not showing is we show actual water level as well when we as soon as we can get it.

1:00:33
So we go out to get preliminary data.

1:00:36
We show that till we get final data and we show projections, we show whatever else, but some of that stuff takes a little while to to come in.

1:00:43
So the, the, the core report is pretty much the moment it hits our servers, you know, 3 seconds later you can click on it and, and off you go.

1:00:50
The, the metadata wrapped around it sometimes takes a little longer for us to get, but it will, the report will sort of stay and sort of only get better over a little bit of time and by a little bit of time.

1:00:59
Usually we're talking hours, not days, but occasionally Noah's servers will do something funny and, and it'll take, you know, sometimes it's, it's a week later when, when data shows up for reasons that we don't know, but but yeah, otherwise it is, it's right there for you.

1:01:16
Thank you.

1:01:18
All right, thanks Wes.

1:01:19
We're obviously going to be in touch after the workshop, so stay tuned.

1:01:22
And for you all we we did record both of those presentations.

1:01:27
We will share it with you along the slides so that you can help by getting the word out beyond this route.

1:01:34
But it's great to have kind of the a little bit of the technical background and delivered in a way that wasn't too technical, I think.

1:01:42
Thank you Wes for joining.

1:01:43
You can stay on.

1:01:47
Great.

1:01:48
Thanks all.

1:01:49
I'll turn it over to Sarah and Wes, if you could stop sharing your screen, we're going to bring up another set of slides here.

1:02:06
OK.

1:02:06
But I am going to share it to Webex because that will be reported.

1:02:13
All right.

1:02:25
And also just based off of that question that was asked about how instantaneous things come up, that's something that we can talk about a little bit later in the breakout as well because there is that potential hold up.

1:02:33
Like if we are concerned about getting random pictures sent in, then things wouldn't necessarily be as instantaneous because they'd have to be checked by myself or someone else on the project team prior to getting shared out or things would be instantaneous.

1:02:44
So I'm happy to hear more thoughts on that later during the breakout.

1:02:47
But yeah, so once already went through one of the examples, so I'm going to go through this a little bit quicker just so that we don't get too much reiteration.

1:02:54
But I'm going to point out a couple more things along the way.

1:02:58
So again, you open it up, you go to that ad report section and you also have access to all the the tide data that was already discussed.

1:03:06
And these slides will also be shared out as well.

1:03:07
So we go through them and you need to look back.

1:03:10
We can do that.

1:03:11
So in this example too, what you might have noticed that wasn't on West's slides is that you can also see something about Branford nuisance flooding.

1:03:18
So Branford is doing this pilot on their own.

1:03:21
As Katie mentioned before, municipalities can do this on their own.

1:03:24
It is more cost effective to have a an entire statewide or a much larger conglomerate of communities doing it together.

1:03:33
But there is an opportunity to do it on your own if, if that is more feasible.

1:03:37
So you won't see that.

1:03:39
And if you go to Branford, you can upload photos in the same way that you would clicking through that.

1:03:43
But ideally we won't have to have that eventually because we'll just have an entire statewide option.

1:03:48
And also if you're, if you originally set up your app in like Rhode Island or Massachusetts or anywhere else, you might have up at the top where it says reports available and then it says Connecticut right there.

1:03:59
You just want to make sure that it does say Connecticut.

1:04:01
Sometimes if you set it up elsewhere, it'll say Rhode Island, Massachusetts, etcetera.

1:04:05
Or if you do travel elsewhere.

1:04:07
So if you go over to Rhode Island and you want to upload a photo, just make sure you swap it over to Rhode Island so that they get the data rather than it heading back over to us.

1:04:14
So in this example, I would have selected storm report.

1:04:16
I've got this picture right here showing a very flooded St.

1:04:19
It's actually Beach Pond Rd.

1:04:21
which is right over.

1:04:22
You probably passed it on your way driving over here very close by and obviously possible.

1:04:28
So you would either do take the photo or select from your library or upload that clip and then click next at the bottom.

1:04:35
And then for this, that date and time's not correct.

1:04:37
I would have had to change, but I didn't remember exactly when I took the photos.

1:04:40
So we'll just go with this for right now.

1:04:42
Thankfully, we didn't have that kind of rain earlier this week and then put in yes.

1:04:47
And it kind of becomes this choose your own adventure.

1:04:49
As Wes mentioned, there's like 85 different questions that there's potential for, but it really ends up just being based off of the information that you input.

1:04:56
So if you don't have any impacts to report, then you would just say no and then you could just click next.

1:05:00
But in this case, I wanted to report that there was an impact and that there was an impact to the road, which then led me to the next slide there where it shows that it was impassable due to flood water.

1:05:12
Later on in that breakout group, we're also going to talk more about some of these words like flood water, washed out, passable, impossible, things like that.

1:05:19
Make sure that that makes sense for your communities.

1:05:21
Make sure that those terms really align and that the people you've spoken with or people in this room, do those terms actually match with with what people are saying around here?

1:05:31
I know that Casey is using the term high tide a lot.

1:05:33
We're going to use more with them like high water and flooding, things like that, rather than king tide, which is what Casey head chair.

1:05:40
So then again, you can have more things related to storm brains, things like that trash and debris.

1:05:45
So that's another way to catalog things there.

1:05:48
And then we would move on next.

1:05:50
And again, so when you when you upload that photo, so if I was standing in this room and I uploaded that photo, it's going to show my my location here.

1:05:57
So I didn't have to shift that marker up just across the way to that road.

1:06:00
And then you can add in a little bit more information about about where that that location is as well.

1:06:07
But yeah, that's that's kind of it in terms of uploading that report.

1:06:11
And again, we will have more time to go into this a little bit further later, but we we are going to try and get you guys outside.

1:06:17
Beautiful day and a little bit cooler than it was the past couple days.

1:06:22
Yes.

1:06:22
OK, one question.

1:06:24
So a community member uploads a photo, they don't know any impacts.

1:06:28
They just upload the photo go we look at the photo and we're like, oh, that entire Rd.

1:06:32
is impassable.

1:06:32
Can we go back and identify impacts and add that content in still?

1:06:38
That's a good question.

1:06:40
Wes, are you still here?

1:06:43
So yes, yeah.

1:06:47
So the, the, the, the tricky part about this is that the, the state leads can they can go in and edit existing reports.

1:06:59
I, I guess I would look to you guys to figure out sort of how you want permissions for that to work with the the technology exists that that's the thing that we could probably figure out.

1:07:09
Yeah, this is making me think too as part of the breakout discussion with the municipal groups that maybe you want to talk about having a municipal staff person in each of the towns be a point personal with us.

1:07:21
We have have more administrative access, you know, we didn't want to obviously do that, but if you if you want to give us that input and then we can connect with us to make some of those changes.

1:07:35
All right, bear with me for just literally less than two minutes to describe how the breakouts are going to work because we're going to transition now to kind of the hands on training and then after that going to the breakouts and we're going to give you time to go to the bathroom.

1:07:48
And I have name tags.

1:07:52
You have a colored dot.

1:07:55
If you are, if you have a pink, sorry, purple dot, you are going to be in the breakout with Casey and I, which is upstairs in this building.

1:08:06
So we're going to take you outside.

1:08:08
We're going to meet with you.

1:08:08
Look for Casey and I if you have the purple dot.

1:08:11
This is the group that has state agencies, regional groups, NGOs, people that are not, we didn't think affiliated particularly with either Stonington or Groton.

1:08:22
If you're in that purple group and you want to go with either Stonington or Groton, then listen to these colors, OK?

1:08:30
Green is going to be the town and the city of Broughton, and those people are going to go with Yak Rock.

1:08:37
If you could raise your hand and Sarah, and you're going to stay with them for the outside training and you're going to go with them into the first breakout.

1:08:45
So you just stay with them.

1:08:47
And then if you have an orange dot, you are with Stonington and you are with Larissa and Aaron.

1:08:53
OK, so after you go to the bathroom, get another cup of coffee if you want.

1:08:58
We're going to go outside, but those are the people that you're going to look for based in your color file.

1:09:02
OK, any questions?

1:09:04
Or Loris, you might have said this and I might have used it, but Stonington and Ron, we are actually going to a different building.

1:09:11
So if you would want to bring anything with you, you can leave stuff in here.

1:09:15
But if you want to bring, you know, coffee or your water bottle, whatever, we're going to be in a different building and we're going to come back here for lunch.

1:09:25
So don't feel like you have to bring your bag with you over to that building if you don't want to because right after the breakouts are over, we're coming back here, we're eating lunch, and this is where we're ending the day.

1:09:33
OK, any other questions?

1:09:38
All right, thanks everyone.

1:09:41
We'll give you 5 minutes and then look for your group leader, the bathrooms if you haven't seen them, or literally right out the door from the right.

1:10:12
Yeah.