

Webinar

Confronting COVID-19: City Preparedness for Climate Events

Date: August 05, 2020

00:00:12 --> 00:00:14: Alright, here we go broadcasting now.

00:02:29 --> 00:02:32: Hello everyone, thank you so much for joining us today

00:02:32 --> 00:02:36: for today's web and are confronting COVID-19 City preparedness for

00:02:36 --> 00:02:37: climate events.

00:02:37 --> 00:02:39: This webinar was organized by you,

00:02:39 --> 00:02:42: Lisa Urban Resilience Program. I'm captain Burgess on the VP

00:02:43 --> 00:02:45: of the program and here to kick us off today.

00:02:45 --> 00:02:48: You lies Urban Resilience Program provides you well.

00:02:48 --> 00:02:49: I'm members in the real estate,

00:02:49 --> 00:02:52: land use and built environment industries,

00:02:52 --> 00:02:55: information about how buildings, communities and cities can be more

00:02:55 --> 00:02:57: prepared for the impacts of climate change.

00:02:57 --> 00:02:59: For all of you you lie members out there.

00:02:59 --> 00:03:01: We encourage you to reach out to get involved with

00:03:01 --> 00:03:02: the program,

00:03:02 --> 00:03:06: whether through contributing to research initiatives or technical assistance.

00:03:06 --> 00:03:09: In partnership with cities, or by helping us to plan

00:03:10 --> 00:03:11: and host events like today.

00:03:11 --> 00:03:14: So this summer is already included unber.

00:03:14 --> 00:03:17: And earlier this week, those of us in the East

00:03:17 --> 00:03:19: Coast braced for the impact of Hurricane Isaiah.

00:03:19 --> 00:03:21: Today we'll hear from lead.

00:03:21 --> 00:03:24: Million. Darkness.

00:03:24 --> 00:03:28: We're preparing for these peak events given the men.

00:03:28 --> 00:03:29: During COVID-19

00:03:33 --> 00:03:37: zip code. Lyman a refill

00:03:37 --> 00:03:39: how cities efforts can lead to future.
00:03:39 --> 00:03:43: That's more prepared, resilient and equitable.
00:03:43 --> 00:03:46: Today, our discussion features three leaders in the fields of
00:03:46 --> 00:03:47: resilience,
00:03:47 --> 00:03:50: sustainability, and disaster preparedness who now work in
the public,
00:03:50 --> 00:03:52: private and not for profit sectors.
00:03:52 --> 00:03:56: They've all had leadership positions in resilient resilience in
cities
00:03:56 --> 00:03:59: across the US and help these cities prepare for the
00:03:59 --> 00:04:01: many varied impacts of climate change,
00:04:01 --> 00:04:04: ranging from increasingly frequent and extreme storms to
sea level
00:04:04 --> 00:04:04: rise,
00:04:04 --> 00:04:07: extreme heat and wildfires. Next slide,
00:04:07 --> 00:04:08: please.
00:04:08 --> 00:04:11: Our discussion will be led and moderated by Jeff Hebert,
00:04:11 --> 00:04:15: partner at HRA Advisors, who leads the firm's resilience
practice.
00:04:15 --> 00:04:18: He's currently leading projects in New York City,
00:04:18 --> 00:04:21: Buffalo, Miami, Houston, Dallas, New York and Los Angeles.
00:04:21 --> 00:04:23: He is a leader in the firm in the fields
00:04:23 --> 00:04:24: of urban resilience,
00:04:24 --> 00:04:28: economic development, and community revitalization and
previously served the City
00:04:28 --> 00:04:31: of New Orleans in many capacities including as chief
resilience
00:04:31 --> 00:04:34: officer and executive director of the Greater of the New
00:04:34 --> 00:04:37: Orleans Redevelopment Authority. We've also been very
lucky to have
00:04:38 --> 00:04:40: him serve on a number of ULI technical assistance and
00:04:40 --> 00:04:41: advisory services panels.
00:04:41 --> 00:04:44: Next slide, please.
00:04:44 --> 00:04:45: We're also joined by Braiding K,
00:04:45 --> 00:04:48: The Sustainability Director from the City of Tempe,
00:04:48 --> 00:04:49: AZ, which is already experienced.
00:04:49 --> 00:04:52: Multiple extreme heat events this summer.
00:04:52 --> 00:04:54: Braden has also worked for the City of Orlando and
00:04:54 --> 00:04:58: manage community engagement and sustainability initiatives
for the seafood city
00:04:58 --> 00:04:58: of Phoenix.
00:04:58 --> 00:05:02: He received a PhD from Arizona State School Sustainability
and
00:05:02 --> 00:05:06: for his dissertation work on stakeholder engagement and

strategy with
the City of Phoenix.
Next slide, please. And we're also joined by Chauncy Willis,
who is the Co founder and CEO of the Institute
for Diversity and Inclusion in Emergency Management.
IDM, in her role as CEO for IDM,
she leads efforts to integrate equity into all facets of
disaster policy programs and practice.
Johnson brings 20 years of Emergency Management
experienced IDM including
14 years with the City of Tampa where she created
and managed the Office of Emergency Management and
designed and
directed the city's Emergency Operations Center.
She's also coordinated consequence management and
Homeland Security for numerous
large scale events,
including the Tampa Bay Super Bowl.
Although I'll hold off listing the other extremely impressive
large
scale events on the list,
in case anyone on the line is missing,
attending this sort of thing.
So with that before we kick off the today's discussion,
afew technology reminders, although I'm sure everyone is
quite familiar
with with all the opportunities within the Zoom platform,
first participants will be on mute for the entire Web
and R and feel free.
But throughout the webinar you'll have the opportunity to
enter
questions through the Q&A function.
Please feel free to enter the questions at anytime you'll
see that our format today is more conversational,
dialogue based and we will be monitoring the questions and
anticipate getting to the audience.
Questions during the latter portions of the webinar,
we regret that we may not be able to get
to all the questions,
but we'll do our best to cover is as much
as we can.
Thank you again for joining us.
I'd like to now hand it over to our moderator,

00:06:37 --> 00:06:40: Jeff. Thank you so much for joining us today.
00:06:49 --> 00:06:53: Thanks, Katherine, and thanks to everyone at your life for
00:06:53 --> 00:06:55: putting this together,
00:06:55 --> 00:06:59: and I think we're going to have a very insightful
00:06:59 --> 00:07:00: panel today.
00:07:00 --> 00:07:02: You know it was just last year,
00:07:02 --> 00:07:06: this time that you'll I issued those scorched report on
00:07:06 --> 00:07:10: urban extreme heat and the impacts that we are currently
00:07:10 --> 00:07:13: facing and were projected to face.
00:07:13 --> 00:07:16: Over the next several years and here we are today.
00:07:16 --> 00:07:20: Just a year later, looking at the impacts of what's
00:07:20 --> 00:07:22: represented in scorched,
00:07:22 --> 00:07:25: as well as all sorts of other things that are
00:07:25 --> 00:07:27: going on at the same time,
00:07:27 --> 00:07:31: and really thinking about how the risks of whether it
00:07:31 --> 00:07:32: be urban heat,
00:07:32 --> 00:07:36: wildfires, hurricanes, or any other sort of peril.
00:07:36 --> 00:07:40: The compounding impact of that together at one time,
00:07:40 --> 00:07:42: which we are facing right now,
00:07:42 --> 00:07:46: this August. In 2020 we've seen over the past several
00:07:46 --> 00:07:51: months impacts already from compound risk or triple threat
risk
00:07:51 --> 00:07:55: or whatever you want to call it across the world
00:07:55 --> 00:07:58: from the Philippines to Puerto Rico,
00:07:58 --> 00:08:02: Texas, California. With the recent wildfires and over the last
00:08:02 --> 00:08:05: couple of days on the East Coast East IES from
00:08:06 --> 00:08:08: Florida all the way to Canada.
00:08:08 --> 00:08:12: This disruption is on top of what we particularly United
00:08:12 --> 00:08:14: States are grappling with.
00:08:14 --> 00:08:18: The impacts of COVID-19. As well as other disasters that
00:08:18 --> 00:08:23: are occurring across this summer and will be occurring
across
00:08:23 --> 00:08:24: the fall.
00:08:24 --> 00:08:27: What we want to dive into today is really looking
00:08:27 --> 00:08:32: at what's going on with these compound impacts and also
00:08:32 --> 00:08:34: try to understand and unpack one.
00:08:34 --> 00:08:39: Who are these compound impacts affecting most and what
can
00:08:39 --> 00:08:43: we start to do to think about preparing our communities
00:08:43 --> 00:08:44: in our people?
00:08:44 --> 00:08:49: For what will likely be a prolonged compound impact time
00:08:49 --> 00:08:49: period.
00:08:49 --> 00:08:53: But also this is just a taste of what's to

00:08:53 --> 00:08:54: come.

00:08:54 --> 00:08:57: So we're joined by two incredible panelists,

00:08:57 --> 00:09:01: Chancia and Braden, to really get into this.

00:09:01 --> 00:09:04: And what I'd like to do is just open up

00:09:04 --> 00:09:05: to both of them,

00:09:05 --> 00:09:09: sort of a beginning entry point for them to give

00:09:09 --> 00:09:12: their thoughts on where we are today in August.

00:09:12 --> 00:09:16: What we've seen over the past several months,

00:09:16 --> 00:09:18: and what the future might look like.

00:09:18 --> 00:09:22: You know, while we're talking about compounded risk,

00:09:22 --> 00:09:27: what we want to discuss is how the compounded risks

00:09:27 --> 00:09:27: of.

00:09:27 --> 00:09:32: COVID-19 and climate impacts are reflective of broader

00:09:32 --> 00:09:34: structural inequities

00:09:32 --> 00:09:34: in land use planning,

00:09:34 --> 00:09:38: an Emergency Management, and what city leaders can do

00:09:38 --> 00:09:42: both

00:09:38 --> 00:09:42: at the sort of personal level an institutional level to

00:09:42 --> 00:09:46: sort of breakdown those barriers to equity and the immediate

00:09:46 --> 00:09:50: risks that people are facing this summer.

00:09:50 --> 00:09:53: So I'd like to pass it first to chancia.

00:09:53 --> 00:09:54: Sorry if you didn't know,

00:09:54 --> 00:09:56: I was going to pass it to you for.

00:09:56 --> 00:09:59: No, that's wonderful. Thank you.

00:09:59 --> 00:10:02: To really talk to us a little bit about the

00:10:02 --> 00:10:05: way you view risk and what's been happening over the

00:10:05 --> 00:10:06: past several months,

00:10:06 --> 00:10:10: including the past few days on the East Coast and

00:10:10 --> 00:10:12: how is what's been happening,

00:10:12 --> 00:10:17: reflective of long-term practices, and potentially thinking

00:10:17 --> 00:10:20: through what the

00:10:17 --> 00:10:20: status quo has been and how inequities.

00:10:20 --> 00:10:24: Might have produced the system that we are facing right

00:10:24 --> 00:10:24: now,

00:10:24 --> 00:10:28: and the vulnerabilities that the people who are most impacted

00:10:29 --> 00:10:32: as we've seen in the news and in the papers,

00:10:32 --> 00:10:36: and we see on the streets of what that means

00:10:36 --> 00:10:36: to them.

00:10:36 --> 00:10:40: That's a great question and I love that.

00:10:40 --> 00:10:43: And it's multilayered. It's very complex,

00:10:43 --> 00:10:46: right? So, to summarize, very,

00:10:46 --> 00:10:50: very succinctly. I would say that our our nation needs

00:10:50 --> 00:10:55: to address the existing inequities in everyday life that are

00:10:55 --> 00:10:58: only exacerbated by disaster.

00:10:58 --> 00:11:03: Right now we do not address what's happening in people's

00:11:03 --> 00:11:05: everyday lives.

00:11:05 --> 00:11:09: That is leading to worse outcomes in times of disaster.

00:11:09 --> 00:11:12: We know that disasters do not discriminate,

00:11:12 --> 00:11:16: but people do. An we believe our organization,

00:11:16 --> 00:11:21: the Institute for Diversity and Inclusion in Emergency Management.

00:11:21 --> 00:11:26: We believe there's an defined need to incorporate the social

00:11:26 --> 00:11:32: determinants of health as a foundational element of emergency planning

00:11:32 --> 00:11:33: for disasters.

00:11:33 --> 00:11:38: The health disparities that we see during heat disasters and

00:11:38 --> 00:11:42: also during the COVID-19 pandemic are not a result of

00:11:42 --> 00:11:44: necessarily the pandemic.

00:11:44 --> 00:11:48: But a policy that has failed and that policy can

00:11:48 --> 00:11:52: only be improved if we understand and begin to operationalize

00:11:52 --> 00:11:57: equity and prioritize the equity within the United States,

00:11:57 --> 00:12:03: and certainly within the Emergency Management enterprise which covers a

00:12:03 --> 00:12:05: lot of different fields.

00:12:05 --> 00:12:09: You know the United States spends more money on health

00:12:09 --> 00:12:12: care globally than any other country,

00:12:12 --> 00:12:14: but we have the worst health outcomes.

00:12:14 --> 00:12:19: The worst health outcomes than comparable countries around the globe,

00:12:19 --> 00:12:23: and we spend billions on the rising cost of disaster.

00:12:23 --> 00:12:27: And we actually haven't seen much significant change in the

00:12:27 --> 00:12:30: disaster mortality rate since the 1940s.

00:12:30 --> 00:12:35: So this pandemic that we're experiencing kind of demonstrates that

00:12:35 --> 00:12:41: current policy's are ineffective and they are inequitable.

00:12:41 --> 00:12:44: I also think we need to reframe the way we

00:12:44 --> 00:12:46: think about disasters as a nation.

00:12:46 --> 00:12:50: We are overly reactive and not proactive,

00:12:50 --> 00:12:52: not as proactive as we could be.

00:12:52 --> 00:12:54: I mean at this point,

00:12:54 --> 00:12:58: who doesn't know that climate change and global warming will

00:12:58 --> 00:13:00: produce more significant,

00:13:00 --> 00:13:06: frequent and costly disasters? That is an opportunity to prepare

00:13:06 --> 00:13:08: to begin to invest.

00:13:08 --> 00:13:10: To do more, we need to see this.

00:13:10 --> 00:13:16: The science, an look for opportunities to begin really investing

00:13:16 --> 00:13:20: in what will positively impact the outcomes of disasters.

00:13:20 --> 00:13:25: For four people, especially our most vulnerable groups,

00:13:25 --> 00:13:31: we should be investing an inclusive resilience within our communities,

00:13:31 --> 00:13:38: especially our underserved communities. That have not received equitable investment

00:13:38 --> 00:13:39: in blue skies,

00:13:39 --> 00:13:44: and they receive even less after a disaster in Gray

00:13:44 --> 00:13:45: skies.

00:13:45 --> 00:13:48: So as I think about the concepts of resilience,

00:13:48 --> 00:13:51: I'm always reminded of the need to be inclusive,

00:13:51 --> 00:13:55: where all members of the Community are represented an.

00:13:55 --> 00:13:59: That's that's something that I would recommend for our our

00:13:59 --> 00:14:00: leaders,

00:14:00 --> 00:14:04: our leadership that are participating in the call today to

00:14:04 --> 00:14:07: make an effort to build Community wide resilience,

00:14:07 --> 00:14:11: not just resilience in certain areas or for those who

00:14:11 --> 00:14:11: can,

00:14:11 --> 00:14:13: you know, attend the meeting.

00:14:13 --> 00:14:16: Be thinking about our vulnerable communities.

00:14:16 --> 00:14:22: And our our underserved and under resourced communities as you

00:14:22 --> 00:14:24: think about resilience.

00:14:24 --> 00:14:30: An inclusive resilience requires increasing the disaster resilience of all

00:14:30 --> 00:14:31: people,

00:14:31 --> 00:14:35: and we need to ensure that we are prioritizing all

00:14:35 --> 00:14:35: people.

00:14:35 --> 00:14:40: So that's considering those with disabilities of all genders,

00:14:40 --> 00:14:45: the elderly children, and other marginalized groups.

00:14:45 --> 00:14:48: So when it comes to resilience,

00:14:48 --> 00:14:51: I see a need for inclusiveness and equity,

00:14:51 --> 00:14:55: and using data because it's been proven that when vulnerable

00:14:55 --> 00:14:57: groups are prioritized,

00:14:57 --> 00:15:01: disaster outcomes are better for everyone.

00:15:01 --> 00:15:06: And the use of data desert diversity standards and community

00:15:06 --> 00:15:11: feedback are key tenants of operationalizing equity.

00:15:11 --> 00:15:14: So that's what I would say.

00:15:14 --> 00:15:17: Thanks, John. See a great and you're you're in the
00:15:17 --> 00:15:20: middle of this right now in Arizona.
00:15:20 --> 00:15:24: What are your thoughts as to where we find ourselves
00:15:24 --> 00:15:24: and?
00:15:24 --> 00:15:27: A lot of the sort of thoughts that John C
00:15:27 --> 00:15:27: brought up.
00:15:27 --> 00:15:31: Great question 2020. How about this is being an incredible
00:15:31 --> 00:15:32: year.
00:15:32 --> 00:15:34: And hey, there's five months left.
00:15:34 --> 00:15:37: I mean, I literally can't wait to see how much
00:15:37 --> 00:15:40: more we're going to learn from this year.
00:15:42 --> 00:15:46: You know, for us, we've seen in this stack of
00:15:47 --> 00:15:50: crisis is so you know the covid crisis.
00:15:50 --> 00:15:54: July was the hottest month in the history of the
00:15:54 --> 00:15:57: Phoenix Region and then when my city thought we couldn't
00:15:57 --> 00:15:59: handle anything else,
00:15:59 --> 00:16:03: we had the worst physical infrastructure disaster in our
history
00:16:03 --> 00:16:05: with the train derailment last week.
00:16:05 --> 00:16:09: You might have seen the pictures of a bridge with
00:16:09 --> 00:16:11: a train on it going up in flames,
00:16:11 --> 00:16:14: so Luckily we just hired our first emergency manager in
00:16:14 --> 00:16:17: May and she has her hands very very full,
00:16:17 --> 00:16:20: but to chancey's point what we learn when we see
00:16:20 --> 00:16:21: this stacking.
00:16:21 --> 00:16:25: Of threats like this is.
00:16:25 --> 00:16:29: The chronic those acute shocks.
00:16:29 --> 00:16:34: Expose the chronic issues that your city is dealing with
00:16:34 --> 00:16:35: so.
00:16:35 --> 00:16:39: Are homeless or homeless population has impact Denver
impacted by
00:16:39 --> 00:16:40: all three things?
00:16:40 --> 00:16:44: The heat covid and then the train derailment was in
00:16:44 --> 00:16:47: an area where there where they where a lot of
00:16:47 --> 00:16:51: our homeless population spends a lot of time and has
00:16:51 --> 00:16:53: interrupted how they get services.
00:16:53 --> 00:16:56: And so I think at the end of the day,
00:16:56 --> 00:16:58: what 2020 is teaching us,
00:16:58 --> 00:17:01: and with the 21st century is teaching us is that
00:17:01 --> 00:17:05: if we don't get to those structural structural drivers of
00:17:05 --> 00:17:05: this.
00:17:05 --> 00:17:10: Of our long-term chronic problems that shock aftershock
aftershock is

00:17:10 --> 00:17:13: going to just keep on beating into us.

00:17:13 --> 00:17:15: The need to invest in equity.

00:17:15 --> 00:17:19: The need to invest in our populations that are never getting enough resources.

00:17:19 --> 00:17:21: And at the end of the day,

00:17:21 --> 00:17:23: it has we have to tackle white supremacy and structural racism.

00:17:27 --> 00:17:28: That's in our own city organizations.

00:17:28 --> 00:17:30: That's in the organizations of key players in our cities,

00:17:30 --> 00:17:35: and Ann is manifested. Um,

00:17:35 --> 00:17:36: you know, in our cities overall,

00:17:36 --> 00:17:39: and that if we don't.

00:17:39 --> 00:17:41: Go through, I mean it's deck these this decade old work.

00:17:41 --> 00:17:44: We're talking about this is not something that happens overnight,

00:17:44 --> 00:17:48: but our cities need to be in this decade.

00:17:48 --> 00:17:51: All work of chipping away at the at the structural racism and the white supremacy that our cities have been developed and built upon.

00:17:51 --> 00:17:54: You know where the city of Tempe is,

00:17:54 --> 00:17:58: just. Trying to understand that were built on stolen land that we we've marginalized the voices of indigenous populations.

00:17:58 --> 00:18:00: We've we were a sundown town.

00:18:00 --> 00:18:02: We we did not allow people of color sleep in our city for decades.

00:18:02 --> 00:18:06: And if we don't start to understand an really unpack, the harm and the tragedy and the trauma that has been done by those years of policy and understanding that some of the things we hold dear in our city like our football stadium, an R&R University and many businesses are built on that legacy of patriarchy and white supremacy.

00:18:06 --> 00:18:11: And that if we're going to build a more inclusive and equitable.

00:18:11 --> 00:18:13: City and we're going to address that kind of the chronic shocks that there's a lot of work to do in that space,

00:18:13 --> 00:18:16: so really grateful to be here today thanks to ULI,

00:18:16 --> 00:18:18: and I have developed huge professional crushes.

00:18:18 --> 00:18:21: I'm on both my Co panelists today and I'm really looking forward to the rest of the conversation.

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00:18:55 --> 00:18:59:

00:18:59 --> 00:19:03:

00:19:03 --> 00:19:06: Next, right now that's a good place to to.

00:19:06 --> 00:19:09: Lead off because I want to get to conversation about

00:19:09 --> 00:19:12: the types of things that we think we can do

00:19:12 --> 00:19:15: to really address some of the things that you brought

00:19:15 --> 00:19:18: up. I want to go back though a little bit

00:19:18 --> 00:19:21: too where we find ourselves today.

00:19:21 --> 00:19:25: And you know people recovering from all sorts of things

00:19:25 --> 00:19:28: across across the country and across the world.

00:19:28 --> 00:19:32: And Chauncey, I'm going to come back to you quickly

00:19:32 --> 00:19:32: as you know,

00:19:32 --> 00:19:37: the Emergency Management guru. Are there things that that

00:19:37 --> 00:19:39: from

00:19:39 --> 00:19:42: an Emergency Management standpoint,

00:19:42 --> 00:19:46: that we may have taken for granted in the past,

00:19:46 --> 00:19:51: is as policies, procedures, actions that we normally do in

00:19:51 --> 00:19:52: a disaster situation or in preparation situation that no longer

00:19:52 --> 00:19:55: really holds.

00:19:55 --> 00:19:57: Um, when we're talking about compounded risk,

00:19:57 --> 00:20:01: and the fact that there is,

00:20:01 --> 00:20:04: I think more of a lens on who's actually impacted.

00:20:04 --> 00:20:08: And the disparities that that you know,

00:20:08 --> 00:20:12: I think frankly, every disaster we have the same

00:20:12 --> 00:20:12: conversation.

00:20:12 --> 00:20:14: Oh look. Look at what we've exposed in this disaster

00:20:14 --> 00:20:16: situation.

00:20:16 --> 00:20:18: I feel like sort of this happens,

00:20:18 --> 00:20:21: you know, this happened with Katrina,

00:20:21 --> 00:20:24: happened with Sandy. It happened with Harvey.

00:20:24 --> 00:20:27: Now it's happening again during the pandemic.

00:20:27 --> 00:20:30: Although maybe that's all coming together to ahead right

00:20:30 --> 00:20:32: now.

00:20:32 --> 00:20:34: But like what? What isn't what might you have done

00:20:34 --> 00:20:38: in the past that you absolutely can't do today?

00:20:38 --> 00:20:42: That's a great question, so um,

00:20:42 --> 00:20:44: and I love that question.

00:20:44 --> 00:20:48: I would. I would actually say that we have to

00:20:48 --> 00:20:52: have a mindset shift in the way that we approach

00:20:52 --> 00:20:56: emergency preparedness and disaster.

00:20:56 --> 00:21:00: Disaster preparedness, right? So you're right,

00:21:00 --> 00:21:05: I've been doing this for quite awhile and one thing

00:21:05 --> 00:21:08: that I've always seen consistently that we've done is we've

00:21:08 --> 00:21:11: taken for granted that people have enough.

00:21:11 --> 00:21:14: A monetary, you know, wherewithal to be able to purchase.

00:21:05 --> 00:21:09: Preparedness and preparedness can't be purchased.
00:21:09 --> 00:21:12: Preparedness is a mindset. It's it's.
00:21:12 --> 00:21:17: It's what you do every day in recognition that these
00:21:17 --> 00:21:19: are your vulnerabilities.
00:21:19 --> 00:21:23: These are the risks. So now we're coming into an
00:21:23 --> 00:21:28: area where we have the worst economy worse even than
00:21:28 --> 00:21:30: the Great Depression.
00:21:30 --> 00:21:35: So a lot of people will become more visibly economically
00:21:35 --> 00:21:37: challenged and disadvantaged,
00:21:37 --> 00:21:39: and it's going to become,
00:21:39 --> 00:21:43: you know, more visible, especially if the country is not
00:21:43 --> 00:21:46: able to to kind of get a grip on what's
00:21:47 --> 00:21:50: happening with the downfall of the economy.
00:21:50 --> 00:21:53: So when we saw COVID-19.
00:21:53 --> 00:21:57: About to really become a very significant outbreak,
00:21:57 --> 00:22:00: we laughed about everyone you know roping around the
Sam's
00:22:00 --> 00:22:04: Club and Walmart's trying to get toilet tissue,
00:22:04 --> 00:22:06: and we're likely to get toilet tissue for,
00:22:06 --> 00:22:10: well. The mindset has been when there's a disaster or
00:22:10 --> 00:22:11: impending crisis.
00:22:11 --> 00:22:14: Buy something to get ready for it.
00:22:14 --> 00:22:15: Well, what are you doing?
00:22:15 --> 00:22:17: You don't have money.
00:22:17 --> 00:22:20: I was just talking to someone because I was raised
00:22:21 --> 00:22:25: very in a very economically challenged household by a
wonderful
00:22:25 --> 00:22:26: single mother and she,
00:22:26 --> 00:22:30: you know, I can remember having \$5 was a challenge
00:22:30 --> 00:22:31: sometimes.
00:22:31 --> 00:22:33: So now when I see even a mask for sale
00:22:33 --> 00:22:34: for \$5,
00:22:34 --> 00:22:38: I'm thinking we'll multiply that times three kids.
00:22:38 --> 00:22:41: And. You gotta get one for yourself and your your
00:22:41 --> 00:22:45: your spouse or significant other and and so now it's
00:22:45 --> 00:22:46: much more money.
00:22:46 --> 00:22:49: That's even for a simple mask.
00:22:49 --> 00:22:51: And what would kind of makes me so so sad
00:22:52 --> 00:22:56: and so disheartening sometimes is that people don't
understand what
00:22:56 --> 00:22:59: it is like to struggle and to be hungry,
00:22:59 --> 00:23:04: and to not have the wherewithal to purchase preparedness.
00:23:04 --> 00:23:08: And we can't overstate the need to be concerned and

00:23:08 --> 00:23:11: have compassion for others.

00:23:11 --> 00:23:15: In the end, the resolution really is to promote.

00:23:15 --> 00:23:21: Community cohesiveness to promote community centric preparedness.

00:23:21 --> 00:23:25: Where we are sharing resources where if if you know

00:23:25 --> 00:23:29: if we are aware of our social determinants of health

00:23:29 --> 00:23:33: within every community in an I'll say this for any

00:23:33 --> 00:23:37: emergency managers listening.

00:23:37 --> 00:23:41: Make understanding your communities social determinants.

00:23:41 --> 00:23:45: An vulnerabilities are priority. Create a plan for that because

00:23:45 --> 00:23:47: that will address 80 percent.

00:23:47 --> 00:23:50: 80% of the needs that will come about in a

00:23:50 --> 00:23:51: disaster.

00:23:51 --> 00:23:55: Whether it's transportation to an evacuation shelter to a shelter,

00:23:55 --> 00:23:58: or whether it's having a hospital.

00:23:58 --> 00:24:01: Many communities, especially those in lower income areas,

00:24:01 --> 00:24:04: don't have access to health care.

00:24:04 --> 00:24:08: They don't have access to a Walmart grocery store.

00:24:08 --> 00:24:12: Rural areas have a whole host of other challenges.

00:24:12 --> 00:24:16: Um, so you know my thought is just to rethink

00:24:16 --> 00:24:19: how we consider preparedness as a whole.

00:24:19 --> 00:24:21: It cannot be purchased.

00:24:24 --> 00:24:27: Brayden, what are you saying with?

00:24:27 --> 00:24:30: The people you know, the residents of the communities that

00:24:30 --> 00:24:32: you're on the ground with?

00:24:32 --> 00:24:34: How are they? You know,

00:24:34 --> 00:24:36: adapting to.

00:24:36 --> 00:24:41: This sort of. Triple situation that we find ourselves in

00:24:41 --> 00:24:45: and we can't emphasize enough the impacts of the economy

00:24:45 --> 00:24:48: on what's happening and how people will be able to

00:24:48 --> 00:24:51: address it. And then if you if you just take

00:24:52 --> 00:24:53: that one step further,

00:24:53 --> 00:24:56: the impacts the economy has on on jobs.

00:24:56 --> 00:24:58: And do people have access to jobs?

00:24:58 --> 00:25:00: Are they able to go to a job?

00:25:00 --> 00:25:05: And then Secondly on housing and what's happening with currently?

00:25:05 --> 00:25:08: Right now the debate, but the expiration of the.

00:25:08 --> 00:25:14: Benefits and what that may have on housing and people's

00:25:14 --> 00:25:16: ability to have safe shelter.

00:25:16 --> 00:25:20: Yeah, great question Jeff. The first thing I want to

00:25:20 --> 00:25:23: say is a deep piece of this work is figuring

00:25:23 --> 00:25:26: out whether it's for your organization.

00:25:26 --> 00:25:29: If your developer or if it's for your city.

00:25:29 --> 00:25:33: What are the ways that your community is doing deep

00:25:33 --> 00:25:37: listening and how do you develop that deep listening muscle

00:25:37 --> 00:25:40: and how do you get to more and more?

00:25:40 --> 00:25:44: The lived experience of who is not thriving in your

00:25:44 --> 00:25:44: city?

00:25:44 --> 00:25:47: And so Chauncey is getting to that with what?

00:25:47 --> 00:25:51: What she's talking about. So we've gone through a multi

00:25:51 --> 00:25:54: year process of trying to work within our own city

00:25:54 --> 00:25:55: staff.

00:25:55 --> 00:25:59: Getting a group diverse, diverse group of folks from our

00:25:59 --> 00:26:01: own city staff to sit down and say OK,

00:26:01 --> 00:26:04: who's not thriving in Tempe and are they?

00:26:04 --> 00:26:07: Are we really as a city listening to that group?

00:26:07 --> 00:26:09: And so we followed. Providence,

00:26:09 --> 00:26:13: RI An Portland OR and started paying social justice leaders

00:26:13 --> 00:26:17: and community leaders to form a coalition that we call

00:26:17 --> 00:26:20: equity in action and we threw all of covid have

00:26:20 --> 00:26:23: been convening that group on zoom and doing that deep

00:26:23 --> 00:26:27: listing of what's working with our response to covid.

00:26:27 --> 00:26:30: What's not working with our response to Covid?

00:26:30 --> 00:26:31: How did we do better?

00:26:31 --> 00:26:35: Another thing that's been incredible is that group of leaders

00:26:35 --> 00:26:38: has been sharing resources with each other and trying to

00:26:39 --> 00:26:41: solve problems amongst each other.

00:26:41 --> 00:26:43: So I've had this huge aha moment of.

00:26:43 --> 00:26:46: It's not just all what you can do as an

00:26:46 --> 00:26:46: organization,

00:26:46 --> 00:26:49: but what are you doing to set up ways of

00:26:49 --> 00:26:51: communicating?

00:26:51 --> 00:26:55: Between people between the organizations and people that

00:26:55 --> 00:26:58: aren't thriving

00:26:58 --> 00:27:02: so that there are resources are being shared and their

00:27:02 --> 00:27:03: voice is getting to two decision makers and we're shifting

00:27:03 --> 00:27:06: more power to those voices.

00:27:06 --> 00:27:08: We also have been doing a variety as part of

00:27:08 --> 00:27:11: our climate work in the City of Tempe,

00:27:11 --> 00:27:14: of doing listening sessions. So we had an equity listen.

00:27:14 --> 00:27:18: We had six listening sessions last week,

00:27:18 --> 00:27:18: one expressly with built environment professionals and

00:27:18 --> 00:27:18: developers that was

00:27:18 --> 00:27:19: really fascinating.
00:27:19 --> 00:27:23: One with equity. Another one that was really profound was
00:27:23 --> 00:27:26: was with youth and what we what we've been hearing
00:27:26 --> 00:27:27: from people is,
00:27:27 --> 00:27:30: you know, people see that things are difficult and that
00:27:30 --> 00:27:32: they are only going to get worse.
00:27:32 --> 00:27:35: And I think that the the challenge is.
00:27:35 --> 00:27:40: Especially when we're thinking about the challenges of
extreme heat
00:27:40 --> 00:27:41: here in Tempe.
00:27:41 --> 00:27:43: There's not the urgency for action.
00:27:43 --> 00:27:45: There's not a sense of ownership,
00:27:45 --> 00:27:48: and there's not a sense that we need to act
00:27:48 --> 00:27:51: and we need to act continuously and we need to
00:27:51 --> 00:27:53: act more and more aggressively.
00:27:53 --> 00:27:56: And So what I'm learning is the best voice for
00:27:56 --> 00:27:56: ownership,
00:27:56 --> 00:28:00: urgency, and an increasing action is our youth voices,
00:28:00 --> 00:28:03: because when I talk when we talk to people about
00:28:03 --> 00:28:06: extreme heat in Tempe and I tell them we could
00:28:06 --> 00:28:08: have 40 days or more summer over 120.
00:28:08 --> 00:28:12: And that we're basically turning into Baghdad or Riyadh.
00:28:12 --> 00:28:15: I gotta 22 responses from people over 40.
00:28:15 --> 00:28:18: I get will all be dead by then or I'm
00:28:18 --> 00:28:19: going to have to move.
00:28:19 --> 00:28:24: That's not ownership. And young people hear what they're
telling
00:28:24 --> 00:28:26: us is we want to live here.
00:28:26 --> 00:28:28: But if we're going to live here,
00:28:28 --> 00:28:31: we need affordable housing. We we need.
00:28:31 --> 00:28:34: We need, you know. Better rules around eviction.
00:28:34 --> 00:28:37: We need more support and so.
00:28:37 --> 00:28:40: It's that you know finding who really wants to be
00:28:40 --> 00:28:43: in your place for the long haul and how you're
00:28:43 --> 00:28:47: listening to those people and how you're trying to figure
00:28:47 --> 00:28:48: out who has the urgency,
00:28:48 --> 00:28:50: ownership and desire for action,
00:28:50 --> 00:28:53: and how do you lift up the people with those
00:28:53 --> 00:28:55: qualities in your organization.
00:28:55 --> 00:28:59: And I've seen really cool developers here in Tempe like
00:28:59 --> 00:29:00: cul-de-sac,
00:29:00 --> 00:29:03: who came from the Bay Area they've been doing that

00:29:03 --> 00:29:04: listening.

00:29:04 --> 00:29:07: They hired locals to to work with city staff to

00:29:07 --> 00:29:08: work with residents.

00:29:08 --> 00:29:10: To connect with their potential,

00:29:10 --> 00:29:12: you know, young people to figure out well,

00:29:12 --> 00:29:15: what does our development really need to have and you

00:29:15 --> 00:29:17: know what they kicked out.

00:29:17 --> 00:29:18: Cars out of their development.

00:29:18 --> 00:29:21: They increased shade in their development.

00:29:21 --> 00:29:23: They worked as hard as they could on affordability.

00:29:23 --> 00:29:27: They did that deep listening and it's showing up in

00:29:27 --> 00:29:28: their developments and so.

00:29:28 --> 00:29:32: They didn't necessarily think about this work as resilience,

00:29:32 --> 00:29:35: work or Emergency Management work or equity work,

00:29:35 --> 00:29:38: but the fact that they're doing that deep listening and

00:29:38 --> 00:29:42: trying to make more connections than they were before means

00:29:42 --> 00:29:44: they are doing the work right now.

00:29:44 --> 00:29:46: I want to pick up on that,

00:29:46 --> 00:29:48: 'cause I think that's that's important.

00:29:48 --> 00:29:51: You know, we give a lot of context about what's

00:29:51 --> 00:29:52: going on,

00:29:52 --> 00:29:55: but what are some of the other things that you

00:29:55 --> 00:29:57: and John C are seeing out there?

00:29:57 --> 00:29:59: Whether it be policies or actions?

00:29:59 --> 00:30:02: Or you know the listing that I think both of

00:30:02 --> 00:30:05: you touched on like what's going on out there that

00:30:05 --> 00:30:08: shows promise in helping us both get through where we

00:30:08 --> 00:30:12: are now, but also sort of forging a different path

00:30:12 --> 00:30:15: for how we're supporting our communities in the future from

00:30:16 --> 00:30:19: the land use in real estate side and the social

00:30:19 --> 00:30:23: services side and everything else to build that Community cohesion.

00:30:23 --> 00:30:26: And you know what? What are some promising things that

00:30:27 --> 00:30:29: either we see happening now or or?

00:30:29 --> 00:30:32: We may need to learn from that we saw before

00:30:32 --> 00:30:33: to push us forward.

00:30:33 --> 00:30:37: Well, I know from the you know the funding side

00:30:37 --> 00:30:42: I'm seeing where more organizations are placing a priority on

00:30:42 --> 00:30:45: equitable distribution of funds,

00:30:45 --> 00:30:49: and this is significant. This is life changing,

00:30:49 --> 00:30:55: for example, mitigation funding that's funding for infrastructure to repair

00:30:56 --> 00:30:58: to build infrastructure.

00:30:58 --> 00:31:01: There's a priority now to do it in a way

00:31:01 --> 00:31:03: that is equitable.

00:31:03 --> 00:31:07: And we know that when we were talking about equity

00:31:07 --> 00:31:12: versus equality and an in our realm of disaster management,

00:31:12 --> 00:31:16: we focus on equality more than equity and that has

00:31:16 --> 00:31:16: to change.

00:31:16 --> 00:31:20: So equality is doing the most for the most.

00:31:20 --> 00:31:25: It's it's giving everyone issue equity is giving everyone issue

00:31:25 --> 00:31:28: or giving people issue that fits.

00:31:28 --> 00:31:31: So it's much more specific an it's it's.

00:31:31 --> 00:31:34: It's need basis driven by that gap.

00:31:34 --> 00:31:37: And so now we're seeing where mitigation funding is not

00:31:38 --> 00:31:41: going to the most affluent communities just out of.

00:31:41 --> 00:31:45: Wrote, you know, tradition. This is what we typically do,

00:31:45 --> 00:31:49: and you know that Community speaks the loudest so they

00:31:49 --> 00:31:50: get the most money.

00:31:50 --> 00:31:54: And also they can afford to attend the midday community

00:31:54 --> 00:31:58: Plant community planning meetings and it kind of excludes everyone

00:31:59 --> 00:31:59: else,

00:31:59 --> 00:32:01: so that priority in funding.

00:32:01 --> 00:32:05: I've seen that in King County in Seattle and it's

00:32:05 --> 00:32:05: outstanding.

00:32:05 --> 00:32:10: Um, also meeting people where they are just heard from

00:32:10 --> 00:32:13: Mike in New Orleans is related to COVID-19.

00:32:13 --> 00:32:15: He was saying how, you know,

00:32:15 --> 00:32:19: we understand that some of our residents are not able

00:32:19 --> 00:32:23: to go to health care centers and So what we

00:32:23 --> 00:32:27: did with our funding is we purchased mobile units and

00:32:27 --> 00:32:31: now we're going to them to provide health care to

00:32:31 --> 00:32:36: provide those critical resources and to meet their needs within

00:32:36 --> 00:32:37: the community.

00:32:37 --> 00:32:42: And better understanding our community and the challenges that are

00:32:42 --> 00:32:46: present and how we can better resource those communities in

00:32:46 --> 00:32:48: advance of a disaster.

00:32:48 --> 00:32:52: And then Lastly, the. There's a new program coming out

00:32:52 --> 00:32:56: the brick program and that through the federal government.

00:32:56 --> 00:33:00: And that's going to shift funding to preparedness more so

00:33:00 --> 00:33:01: than recovery,

00:33:01 --> 00:33:05: which is outstanding. And I'm hoping that the more we
00:33:06 --> 00:33:08: speak about the need for.
00:33:08 --> 00:33:10: Addressing the needs of vulnerable groups,
00:33:10 --> 00:33:14: the more of that money will go into increasing their
00:33:14 --> 00:33:18: resilience posture so that they experience a better outcome
on
00:33:18 --> 00:33:21: the other side of disaster you know,
00:33:21 --> 00:33:26: brought on by climate, changing these these things.
00:33:26 --> 00:33:28: A really important point, because it is.
00:33:28 --> 00:33:31: I mean you probably know the numbers off the top
00:33:31 --> 00:33:32: of your head.
00:33:32 --> 00:33:34: You know it is far more expensive on the recovery
00:33:34 --> 00:33:37: side than it is on the prevention side and on
00:33:37 --> 00:33:38: the prevention side,
00:33:38 --> 00:33:42: you're you know it's almost like a.
00:33:42 --> 00:33:46: Spending money resiliently because you're on the prevention
side,
00:33:46 --> 00:33:49: you are focusing not just on the prevention from a
00:33:49 --> 00:33:49: disaster,
00:33:49 --> 00:33:52: but you're also hitting a lot of other needs on
00:33:52 --> 00:33:55: that side that get blown way out of proportion on
00:33:55 --> 00:33:57: the recovery side.
00:33:57 --> 00:34:01: So it's it's smarter investment to begin with.
00:34:01 --> 00:34:03: Why we haven't done this for so long?
00:34:03 --> 00:34:06: You know there is a disaster industry out there.
00:34:06 --> 00:34:09: John see I know you know it very well,
00:34:09 --> 00:34:10: very well and as do I.
00:34:10 --> 00:34:13: But the money is much better spent both just from
00:34:13 --> 00:34:15: a fiscal standpoint.
00:34:15 --> 00:34:18: And from the standpoint of impact to our people on
00:34:18 --> 00:34:20: the front end and having to do it right,
00:34:20 --> 00:34:23: you're exactly right exactly right.
00:34:23 --> 00:34:26: And even with the program Opportunity zone program,
00:34:26 --> 00:34:29: I think that was I may have been speaking with
00:34:29 --> 00:34:30: you about this,
00:34:30 --> 00:34:34: but you know, we've introduced the concept of having
resilient
00:34:34 --> 00:34:35: opportunity zones.
00:34:35 --> 00:34:38: We know that there has to be a positive social
00:34:38 --> 00:34:43: impact to investing in opportunity zones in different cities
around
00:34:43 --> 00:34:43: the nation.
00:34:43 --> 00:34:47: Why don't you allow experts to assist in making them

00:34:47 --> 00:34:51: more resilient for those communities instead of just going in
00:34:51 --> 00:34:55: and getting that that you know those funds from
investments?
00:34:55 --> 00:34:59: Let's make them resilient while you're there so.
00:34:59 --> 00:35:03: I mean there, there you know what we're dealing with
00:35:04 --> 00:35:07: right now is the Atlantic hurricane season,
00:35:07 --> 00:35:12: and we've already seen a couple of tropical storms and
00:35:12 --> 00:35:15: then hurricane go up the East Coast.
00:35:15 --> 00:35:20: And of course impacts in South Texas last week where
00:35:20 --> 00:35:24: you know the reality of evacuations or shelters,
00:35:24 --> 00:35:29: or those sorts of things is completely different than.
00:35:29 --> 00:35:31: It used to be in the past.
00:35:31 --> 00:35:34: If you compound urban heat on top of that where
00:35:34 --> 00:35:37: you have cooling centers that has had to be totally
00:35:37 --> 00:35:38: rethought.
00:35:38 --> 00:35:40: And I think there's a lot of a lot of
00:35:41 --> 00:35:44: work around what we're actually facing right now and the
00:35:44 --> 00:35:48: adaptation to climate that we're having to make while in
00:35:48 --> 00:35:50: the middle of a pandemic.
00:35:50 --> 00:35:52: Brayton I wonder if I mean,
00:35:52 --> 00:35:54: you're you're in the in the West,
00:35:54 --> 00:35:57: in the sunbelt, and you're dealing with the issues of
00:35:57 --> 00:36:00: urban heat and homelessness and.
00:36:00 --> 00:36:02: And everything else on a daily basis.
00:36:02 --> 00:36:04: At this point, what if?
00:36:04 --> 00:36:05: What if you've been able to,
00:36:05 --> 00:36:08: and what you've seen is sort of a shift in
00:36:08 --> 00:36:10: the way you were thinking before,
00:36:10 --> 00:36:14: and what you might be doing now as it relates
00:36:14 --> 00:36:14: to the.
00:36:14 --> 00:36:17: The impacts of of you know the heat that we're
00:36:18 --> 00:36:20: seeing across the country right now.
00:36:20 --> 00:36:23: Yeah, it's a great question so you know we have
00:36:23 --> 00:36:27: a pretty sophisticated regional heat relief network here,
00:36:27 --> 00:36:30: and what we found with Covid is 80%
00:36:30 --> 00:36:34: of the buildings we were using for heat relief were
00:36:34 --> 00:36:38: closed 'cause they were public facilities that weren't open
and
00:36:38 --> 00:36:42: so we ended up setting up an emergency cooling center
00:36:42 --> 00:36:45: and we've had it open for the last two months.
00:36:45 --> 00:36:50: It's about 100% of the attendees are our neighbors without
00:36:50 --> 00:36:50: keys.
00:36:50 --> 00:36:53: And we're finding we're learning so much about what wasn't

00:36:53 --> 00:36:54: work,
00:36:54 --> 00:36:57: what wasn't working, or what the gaps in our homeless
00:36:57 --> 00:36:57: efforts were,
00:36:57 --> 00:36:59: and we do a lot around homeless.
00:36:59 --> 00:37:02: We have homeless teams that go out and do support.
00:37:02 --> 00:37:03: It wasn't that we were.
00:37:03 --> 00:37:05: We were doing excellent work,
00:37:05 --> 00:37:08: but we realize that there were even bigger gaps in
00:37:08 --> 00:37:11: how we were treating those populations and and doing that
00:37:11 --> 00:37:13: in a way that's responsive to covid.
00:37:13 --> 00:37:15: We had to lean on.
00:37:15 --> 00:37:18: LA County had come up with some good protocols for
00:37:18 --> 00:37:20: current schooling centers.
00:37:20 --> 00:37:23: During Covid CDC's came out with some guidelines,
00:37:23 --> 00:37:26: our staff did an incredible job of pulling together and
00:37:26 --> 00:37:29: trying to figure out how to make that work for
00:37:29 --> 00:37:29: us.
00:37:29 --> 00:37:31: And we've just learned a ton.
00:37:31 --> 00:37:35: You're probably going to see some pictures in the upcoming
00:37:35 --> 00:37:38: New York Times Magazine from our cooling center.
00:37:38 --> 00:37:41: We just had our first cooling center pregnancy and birth
00:37:41 --> 00:37:42: last week,
00:37:42 --> 00:37:45: so we've been sort of learning a ton about how
00:37:45 --> 00:37:46: to serve.
00:37:46 --> 00:37:48: Our community better with these shots.
00:37:48 --> 00:37:50: I want to go back to your question with Chelsea.
00:37:50 --> 00:37:54: Just very quickly. There's two other things I'm really hopeful
00:37:54 --> 00:37:54: about,
00:37:54 --> 00:37:56: so I think chances absolutely right.
00:37:56 --> 00:38:00: We're starting to see communities understand how to take
00:38:00 --> 00:38:03: ownership and how to ship power and resources.
00:38:03 --> 00:38:06: So the Clean Energy Fund in Portland that they've just
00:38:06 --> 00:38:09: stood up and big props to our colleagues and Barasso
00:38:09 --> 00:38:12: who's doing incredible job of leading that effort at the
00:38:12 --> 00:38:15: City of Portland where they are taxing large businesses to
00:38:16 --> 00:38:16: put money into a.
00:38:16 --> 00:38:21: One that's used for equitable energy and equitable green
00:38:21 --> 00:38:22: infrastructure
00:38:21 --> 00:38:22: and an equity innovation?
00:38:22 --> 00:38:26: That's an example. Of asking those of those folks in
00:38:26 --> 00:38:29: the community with lots of resources to help pay for

00:38:29 --> 00:38:32: those that are not thriving in their city.
00:38:32 --> 00:38:33: Ann, I think it. Yes,
00:38:33 --> 00:38:37: it's an aggressive model. Does everyone in the business community
00:38:37 --> 00:38:38: love it?
00:38:38 --> 00:38:41: No, but we've got to be thinking in creative ways
00:38:41 --> 00:38:44: about how we shift resources to people that need it.
00:38:44 --> 00:38:48: Portland is taken a very aggressive tack in that direction.
00:38:48 --> 00:38:51: They did it through. It wasn't done by elected officials.
00:38:51 --> 00:38:54: It was done by by voters decided to set the
00:38:54 --> 00:38:55: system up.
00:38:55 --> 00:38:58: They've created a very elaborate governance structure of nine people
00:38:58 --> 00:39:02: that live in different areas of Portland that are helping
00:39:02 --> 00:39:03: administer those funds.
00:39:03 --> 00:39:05: We've also seen some really cool examples,
00:39:05 --> 00:39:08: like City of Tucson now has their creating a cooling
00:39:08 --> 00:39:11: utility where you pay us as part of your stormwater
00:39:11 --> 00:39:11: fee.
00:39:11 --> 00:39:15: You're paying for community green infrastructure and new green infrastructure
00:39:15 --> 00:39:16: projects.
00:39:16 --> 00:39:20: You're seeing incredible bioswales you're seeing for infrastructure as part
00:39:20 --> 00:39:22: of transportation projects,
00:39:22 --> 00:39:26: you're seeing more increased asks of private developers around Bioswales
00:39:26 --> 00:39:27: and green infrastructure.
00:39:27 --> 00:39:31: And so. Tucson importantly are both incredible examples of asking
00:39:31 --> 00:39:33: a little bit more out of all of us,
00:39:33 --> 00:39:36: but if you look at our Emergency Management plan from
00:39:36 --> 00:39:38: 2015 in Maricopa County,
00:39:38 --> 00:39:40: the only two things we had in there for extreme
00:39:40 --> 00:39:42: heat or water bottles and education,
00:39:42 --> 00:39:45: and if we're going to solve if we're going to
00:39:45 --> 00:39:47: be part of a more resilient place,
00:39:47 --> 00:39:50: we have to have more collective responsibility of how we're
00:39:50 --> 00:39:54: building our infrastructure and how we're building our built environment.
00:39:54 --> 00:39:57: We cannot have the parking lots in the glass buildings
00:39:57 --> 00:39:58: and the type of buildings.
00:39:58 --> 00:40:00: If we continue to build this way.

00:40:00 --> 00:40:03: We're going to bake ourselves out of our region and
00:40:03 --> 00:40:06: you could see Phoenix be the Detroit of the 21st
00:40:06 --> 00:40:06: century.
00:40:06 --> 00:40:09: If we don't figure out a way to take collective
00:40:09 --> 00:40:09: action.
00:40:09 --> 00:40:12: So the last thing I want to say about hopefulness
00:40:12 --> 00:40:15: is that there people are involved are being emboldened to
00:40:15 --> 00:40:16: have more of a voice.
00:40:16 --> 00:40:18: Our youth, voice and youth.
00:40:18 --> 00:40:21: Protesters are speaking and being heard the Phoenix in
Arizona.
00:40:21 --> 00:40:24: Black Lives Matter movement is out in the streets and
00:40:24 --> 00:40:25: being heard,
00:40:25 --> 00:40:28: we have some incredible environmental nonprofits like
cheese.
00:40:28 --> 00:40:31: But they had an incredible workshop on extreme heat.
00:40:31 --> 00:40:32: And So what I wanted to say,
00:40:32 --> 00:40:35: there is cities and developers have the opportunity to forge
00:40:35 --> 00:40:37: partnerships with nonprofits,
00:40:37 --> 00:40:38: and it's so much better what I,
00:40:38 --> 00:40:40: what I haven't quite learned yet,
00:40:40 --> 00:40:43: but I'm I'm gonna start experimenting with.
00:40:43 --> 00:40:46: Hand over money and resources to nonprofits who are more
00:40:46 --> 00:40:48: of a trusted voice in your community.
00:40:48 --> 00:40:49: Let that tell them what you want,
00:40:49 --> 00:40:51: what you were hoping to hear,
00:40:51 --> 00:40:53: or what kind of things you want input on.
00:40:53 --> 00:40:55: Let them run the community engagements,
00:40:55 --> 00:40:56: let them run the recruitment,
00:40:56 --> 00:40:59: and then built. They'll give you a presentation of what
00:40:59 --> 00:41:00: they heard,
00:41:00 --> 00:41:03: but part of shifting this power is shifting the power
00:41:03 --> 00:41:04: of who is helping you listen,
00:41:04 --> 00:41:07: and to chauncey's points that she loves to make.
00:41:07 --> 00:41:08: That has to do with who you hire,
00:41:08 --> 00:41:10: and it has to do both as consultants and,
00:41:10 --> 00:41:13: uh, staff. So we have a fundamental responsibility if we
00:41:13 --> 00:41:15: want to do things differently.
00:41:15 --> 00:41:17: We need to be hiring differently,
00:41:17 --> 00:41:20: both long term permanent folks as well as the types
00:41:20 --> 00:41:23: of consultants and the types of nonprofits we're bringing in
00:41:23 --> 00:41:24: to partner with us.
00:41:24 --> 00:41:26: Love that I agree 100%.

00:41:26 --> 00:41:30: We need to shift that power to the community more
00:41:30 --> 00:41:34: and allow that to allow that to be used as
00:41:34 --> 00:41:37: a mechanism to engage everyone.
00:41:37 --> 00:41:41: Yeah, and I think there's there's examples of great leadership
00:41:41 --> 00:41:44: as well in in sort of pivoting from where we
00:41:44 --> 00:41:44: were,
00:41:44 --> 00:41:47: say last year to where we are today,
00:41:47 --> 00:41:49: particularly in some of these issues,
00:41:49 --> 00:41:54: the intersection of social vulnerability and climate
vulnerability.
00:41:54 --> 00:41:57: So we we've been working in in Miami with Miami
00:41:57 --> 00:42:01: Dade County and and once covid happened working on sea
00:42:01 --> 00:42:02: level rise analysis,
00:42:02 --> 00:42:05: one of the things that came up was can we
00:42:05 --> 00:42:06: pivot to start,
00:42:06 --> 00:42:10: really? Understanding the impacts of sea level rise on
neighborhoods
00:42:11 --> 00:42:14: across Miami Dade County and layering on top social
vulnerability
00:42:14 --> 00:42:17: to understand where those come together,
00:42:17 --> 00:42:20: and I think that's something that post code but you're
00:42:20 --> 00:42:23: starting to see in a lot of cities where people
00:42:23 --> 00:42:24: are really,
00:42:24 --> 00:42:27: you know, stacking things up to really try to understand
00:42:27 --> 00:42:31: OK what's really going on and how can the interventions,
00:42:31 --> 00:42:36: particularly infrastructure interventions, can have additional
impacts in communities that
00:42:36 --> 00:42:37: are also suffering.
00:42:37 --> 00:42:41: With social vulnerabilities, and I think that's going to be
00:42:41 --> 00:42:44: really important on sea level rise on urban heat on
00:42:45 --> 00:42:47: a lot of the issues that we're going to face
00:42:47 --> 00:42:49: over the next several years.
00:42:49 --> 00:42:51: That will bring me to,
00:42:51 --> 00:42:52: I think my last question.
00:42:52 --> 00:42:56: And then we'll we'll go to the questions from the
00:42:56 --> 00:42:58: folks on the line which is.
00:42:58 --> 00:43:03: You know where we are entering an extended period of
00:43:03 --> 00:43:07: this sort of compounded risk stacked risk?
00:43:07 --> 00:43:08: Sort of time that we're in,
00:43:08 --> 00:43:11: right? We've we've sort of been in it already,
00:43:11 --> 00:43:15: but it's really come come to the forefront because of
00:43:15 --> 00:43:16: the pandemic.
00:43:16 --> 00:43:20: How do we learn from what's happened over the past

00:43:20 --> 00:43:23: several months and maybe some experiences before that?

00:43:23 --> 00:43:27: To really chart a better future of how we start

00:43:27 --> 00:43:30: thinking about these things and sort of the crisis of

00:43:30 --> 00:43:32: the compounded risk?

00:43:32 --> 00:43:35: How do we start thinking about it in shaping the

00:43:35 --> 00:43:38: way we want to take action for the next several

00:43:38 --> 00:43:40: months to several years ANAN?

00:43:40 --> 00:43:43: In fact, if we look at the science,

00:43:43 --> 00:43:46: this is only going to become more and more of

00:43:46 --> 00:43:47: a routine.

00:43:47 --> 00:43:50: For us and So what have we learned to improve

00:43:50 --> 00:43:51: our practice?

00:43:54 --> 00:43:59: I think knowing we're still in the middle right.

00:43:59 --> 00:44:02: We're still in response right.

00:44:02 --> 00:44:05: I think for from my perspective.

00:44:05 --> 00:44:11: I think the the murder of George Floyd and COVID-19

00:44:11 --> 00:44:12: and.

00:44:12 --> 00:44:17: Wildfire season hurricane season. All of these things are

00:44:17 --> 00:44:18: happening

00:44:18 --> 00:44:22: for a reason.

00:44:18 --> 00:44:22: I think it's meant to educate our nation and bring

00:44:22 --> 00:44:25: us to a point where we are more aware of

00:44:25 --> 00:44:29: the needs of other people that maybe don't look like

00:44:29 --> 00:44:31: us or have our life experiences.

00:44:31 --> 00:44:35: I think in science and in healthcare and in many

00:44:35 --> 00:44:36: areas,

00:44:36 --> 00:44:38: white has been the default setting.

00:44:38 --> 00:44:42: The white male has been the control group and the

00:44:42 --> 00:44:43: standard.

00:44:43 --> 00:44:46: For policy's for research, for for,

00:44:46 --> 00:44:52: for just about every area of our our construct within

00:44:52 --> 00:44:56: this country an and that has led us to a

00:44:56 --> 00:45:00: place where now everyone who is not a white,

00:45:00 --> 00:45:07: male or affiliated with that white default setting is having.

00:45:07 --> 00:45:12: Worst experience not only with daily living but also in

00:45:12 --> 00:45:16: times of disaster and so we're seeing that play out

00:45:16 --> 00:45:17: an so for me.

00:45:17 --> 00:45:19: I'm hopeful that going forward.

00:45:19 --> 00:45:23: We will begin to adjust that and we will begin

00:45:23 --> 00:45:28: to create research projects that are actually more applicable

00:45:28 --> 00:45:33: to

00:45:28 --> 00:45:33: specific communities that are more likely to be impacted

00:45:28 --> 00:45:33: weather

00:45:33 --> 00:45:38: rather than using a specific default our policies will be
00:45:38 --> 00:45:38: developed.
00:45:38 --> 00:45:44: Understanding that there's increasing diversity within this
country and that
00:45:45 --> 00:45:48: we're not just looking at one standard of living,
00:45:48 --> 00:45:53: and we're not just approaching groups of people as a
00:45:53 --> 00:45:57: monolith that people are very diverse and we need to
00:45:57 --> 00:46:01: address those elements of diversity in everything we do and
00:46:01 --> 00:46:05: apply equity and make that a priority.
00:46:05 --> 00:46:09: So I'm hopeful that the racial reckoning will actually lead
00:46:09 --> 00:46:10: to more focus.
00:46:10 --> 00:46:16: On using social determinants of health and making priority
equity
00:46:16 --> 00:46:19: a priority in all things.
00:46:21 --> 00:46:24: Brighton do you have have anything to add to that
00:46:24 --> 00:46:27: or do you want to jump into the questions?
00:46:27 --> 00:46:28: You're on mute, Brayden.
00:46:32 --> 00:46:35: Your microphone, your microphone is mute bring.
00:46:35 --> 00:46:38: How do I take examples from from communities that are
00:46:38 --> 00:46:39: doing this right?
00:46:39 --> 00:46:42: So if you haven't read the climate justice plan from
00:46:42 --> 00:46:43: Providence,
00:46:43 --> 00:46:46: RI, you need to read it as soon as possible.
00:46:46 --> 00:46:49: We also have been using some examples of Wellington.
00:46:49 --> 00:46:52: A New Zealand has an incredible community resilience
guide.
00:46:52 --> 00:46:54: Dan Neely has been mentoring us.
00:46:54 --> 00:46:59: We're also putting forward an application coming up.
00:46:59 --> 00:47:02: I won't say to who to mimic some work that's
00:47:02 --> 00:47:06: happening in Auckland where they've actually taken Marie
values of
00:47:06 --> 00:47:10: the indigenous population New Zealand and put them into
their
00:47:10 --> 00:47:14: design manual so that they are taking ideas of listening
00:47:14 --> 00:47:18: to nature of working together and incorporating that into how
00:47:18 --> 00:47:22: their entire city gets designed and so and then the
00:47:22 --> 00:47:25: other thing that I've done is I hired my first
00:47:25 --> 00:47:29: employee in the office is sustainability is an indigenous
woman
00:47:29 --> 00:47:29: who's.
00:47:29 --> 00:47:33: From the Navajo Nation and in bringing her on board,
00:47:33 --> 00:47:35: we've now we're applying to do work on how we
00:47:35 --> 00:47:39: get more Indigenous voices and create an Indigenous design

manual
for Tempe.
Based on that New Zealand work we've applied to do
more equity work and so one of the things I've
oh the other thing is USDN,
which is the urban Sustainability Directors network,
has an equity and inclusion in diversity fellowship and we
have a young woman of Valencia Clemente who we've hired
who is a PhD student.
At ASU, who's helping us do deeper,
equitable engagement work as part of a summer long
fellowship,
she she's a woman of color front from New York
City and so by hiring that diversity on to my
team and giving them the power to lead and the
power to listen and the power to develop new programs,
that's been a huge way that I've been trying to
look at myself as a white male.
Realizing that I am a part of the white supremacy
in my organization,
in my community and in less.
Start hiring differently and managing differently and allowing
other voices
to come through in my work.
Then I'm going to continue to be a part of
the problem and until more white males in this country
step up and create pathways for people of color,
we're going to continue to to have more walls and
more barriers.
And let's be crystal clear,
this is not the worst.
It's going to get an.
We could have a society where today's equity gap and
today's opportunity gap looks miniscule to what it could look
like in 2040.
So we're not fighting against today.
Everyone wants to say, well,
we're fighting against the challenges we see today.
White supremacy and inclusion and and and a lack of
democracy.
The crisis that we think we're viewing now could be
three or four times worse in the future.

00:49:19 --> 00:49:21: And we have to actively work against that.
00:49:21 --> 00:49:24: And the only way we do that is by moving
00:49:24 --> 00:49:28: from individual responsibility to collective responsibility and
making sure we're
00:49:28 --> 00:49:29: getting voices,
00:49:29 --> 00:49:32: voices of people of color and voices of people that
00:49:32 --> 00:49:33: haven't.
00:49:33 --> 00:49:37: Haven't been heard before. Leading the way.
00:49:37 --> 00:49:42: There was a there was a question and.
00:49:42 --> 00:49:44: From one of the attendees,
00:49:44 --> 00:49:46: and I think, particularly Brayden,
00:49:46 --> 00:49:49: your last point and chancia your earlier points,
00:49:49 --> 00:49:53: and I would ask for both of you to answer
00:49:53 --> 00:49:54: this question.
00:49:54 --> 00:49:56: You
00:49:56 --> 00:50:00: I think some of some of our discussion may seem
00:50:00 --> 00:50:04: disconnected from the topic of preparedness for climate
events.
00:50:04 --> 00:50:08: So I mean, I, I could recite this myself,
00:50:08 --> 00:50:11: but I would. I would appreciate if both of you
00:50:11 --> 00:50:16: would talk about the importance of the statements that you've
00:50:16 --> 00:50:20: made and why they are important to preparedness for
climate
00:50:20 --> 00:50:25: and preparedness in general, particularly around as I've been
taking
00:50:25 --> 00:50:26: notes,
00:50:26 --> 00:50:29: equity. Diversity, collective responsibility, listening,
00:50:29 --> 00:50:33: and all those things. How that is a part of
00:50:33 --> 00:50:37: how do you see that being apart of preparedness?
00:50:37 --> 00:50:39: How is it not a part of preparedness?
00:50:42 --> 00:50:46: So all of those things are elements of preparedness.
00:50:46 --> 00:50:50: And when we talk about the concept that was introduced
00:50:50 --> 00:50:51: that you know,
00:50:51 --> 00:50:56: most emergency emergency managers don't quite believe in
yet is
00:50:56 --> 00:51:01: the concept of whole community and involving everyone in
not
00:51:01 --> 00:51:03: only their own preparedness,
00:51:03 --> 00:51:07: but in the the Community's collective preparedness.
00:51:07 --> 00:51:11: And when we were talking about.
00:51:11 --> 00:51:15: Resilience. You have to talk about everyone you can't just
00:51:15 --> 00:51:20: relate to specific groups when climate change or were
Speaking
00:51:20 --> 00:51:24: of climate change and the science of climate change in

00:51:24 --> 00:51:28: its impact to those communities.

00:51:28 --> 00:51:30: Now we connect the dot.

00:51:30 --> 00:51:34: We can't be prepared and resilient and adaptive to climate change.

00:51:34 --> 00:51:35: change.

00:51:35 --> 00:51:39: If our communities are not also prepared and resilient and adaptive to climate change,

00:51:39 --> 00:51:41: there's a direct direct correlation.

00:51:41 --> 00:51:45: So there is no way to separate the need for increased equity ANCRE increased inclusive resilience.

00:51:45 --> 00:51:49: Without addressing the need for a for addressing the understanding

00:51:49 --> 00:51:55: that climate change is going to impact all of those things so we can't be resilient without everyone being resilient.

00:51:55 --> 00:52:00: I can't be resilient if my next door neighbor is not resilient,

00:52:01 --> 00:52:05: so it's it's a. There's a need for us to as Braden so wonderfully stated for us to stop thinking individualistic Lee and begin to think collectively.

00:52:05 --> 00:52:10: And that is that will lead to true resilience.

00:52:10 --> 00:52:14: Is that collective thinking and I would say I want to get Brayden in on this.

00:52:14 --> 00:52:16: But I would say, you know.

00:52:16 --> 00:52:19: Chance he knows this better than anybody but the whole construct of Emergency Management in this country is based on

00:52:19 --> 00:52:24: a concept of mutual aid and mutual aid to me

00:52:24 --> 00:52:28: is not just about the mutual aid between city and County and state to other city and County and states.

00:52:28 --> 00:52:33: It's also the resilience built in the community to withstand what it what has happened,

00:52:33 --> 00:52:37: what is currently happening and in particularly prepare people for

00:52:37 --> 00:52:39: what we already know is going to happen more frequently in the future.

00:52:39 --> 00:52:43: And being able to strengthen these systems, which frankly haven't enough attention,

00:52:43 --> 00:52:47: has been paid to in the past is what's going to help us move forward in the future and have lack less disastrous consequences.

00:52:47 --> 00:52:51: Which, for those of those of you who are very interested on the fiscal side of this,

00:52:51 --> 00:52:54: it actually means saving money and saving taxpayer dollars.

00:52:54 --> 00:52:58:

00:52:58 --> 00:53:01:

00:53:01 --> 00:53:05:

00:53:05 --> 00:53:07:

00:53:07 --> 00:53:12:

00:53:12 --> 00:53:16:

00:53:16 --> 00:53:17:

00:53:17 --> 00:53:19:

00:53:19 --> 00:53:22:

00:53:22 --> 00:53:25:

00:53:25 --> 00:53:27:

00:53:27 --> 00:53:30:

00:53:30 --> 00:53:32:

00:53:32 --> 00:53:35:

00:53:35 --> 00:53:38:

00:53:38 --> 00:53:41: That's really what it gets to the bottom of great
00:53:41 --> 00:53:42: and sorry,
00:53:42 --> 00:53:43: I just wanted to say.
00:53:46 --> 00:53:48: You're selling you're on mute again.
00:53:50 --> 00:53:52: I saw the question in the chat.
00:53:52 --> 00:53:56: I mean anyone who who's worried that what we've talked
00:53:56 --> 00:53:58: about today isn't addressing Covid?
00:53:58 --> 00:54:01: To me is it hasn't been to a food bank,
00:54:01 --> 00:54:02: hasn't been to a hospital,
00:54:02 --> 00:54:05: hasn't talked to a neighbor that's a nurse or a
00:54:05 --> 00:54:06: doctor.
00:54:06 --> 00:54:09: Anyone that you talk to that's on the front lines
00:54:09 --> 00:54:12: of this crisis knows that people of color are being
00:54:12 --> 00:54:12: harmed,
00:54:12 --> 00:54:15: knows that the fact that we have a broken healthcare
00:54:15 --> 00:54:15: system,
00:54:15 --> 00:54:18: the fact that the fact that we don't have as
00:54:18 --> 00:54:19: much community cohesion,
00:54:19 --> 00:54:23: the fact that we don't have enough collective responsibility,
00:54:23 --> 00:54:25: that's what's showing up in coffins.
00:54:25 --> 00:54:28: That's what's showing up in the lines to the food
00:54:28 --> 00:54:28: banks.
00:54:28 --> 00:54:31: And So what? You're telling me by answering that question
00:54:31 --> 00:54:34: is it's time for you to do some deeper listening.
00:54:34 --> 00:54:36: And I'm not saying that as a person.
00:54:36 --> 00:54:39: I know that sounds like I'm on my high horse,
00:54:39 --> 00:54:41: but.
00:54:41 --> 00:54:44: The moment you start doing that deeper listening the
00:54:44 --> 00:54:47: moment
00:54:44 --> 00:54:47: you start to really happy in conversation with Community,
00:54:47 --> 00:54:51: that's not thriving. You're going to start to see that.
00:54:51 --> 00:54:54: What we're talking about of doing that deeper listening,
00:54:54 --> 00:54:57: and that deeper conversation has everything to do with
00:54:57 --> 00:55:00: making
00:54:57 --> 00:55:00: sure that people don't get hurt when threats come to
00:55:00 --> 00:55:01: your community,
00:55:01 --> 00:55:03: and especially when they stack.
00:55:03 --> 00:55:04: The last thing I want.
00:55:04 --> 00:55:07: Another thing I want to say is.
00:55:07 --> 00:55:11: Danny Lee in New Zealand as they deal with earthquakes
00:55:11 --> 00:55:16: and tsunami's says something really important to their
00:55:16 --> 00:55:17: community which
00:55:16 --> 00:55:17: is.

00:55:17 --> 00:55:20: The next disaster that comes to our city,
00:55:20 --> 00:55:24: 95% of you are going to experience the trauma in
00:55:24 --> 00:55:29: the tragedy and not get helped by a first responder.
00:55:29 --> 00:55:31: Who are you going to get held by?
00:55:31 --> 00:55:34: Each other, and so if you're not figuring out who
00:55:34 --> 00:55:37: you're reaching out to an who's reaching out to you
00:55:37 --> 00:55:38: when a disaster strikes,
00:55:38 --> 00:55:42: then you're you're potentially not helping yourself be apart of
00:55:42 --> 00:55:45: the solutions that are going to help your community survive
00:55:45 --> 00:55:45: a threat.
00:55:45 --> 00:55:49: And if you're waiting around for government or a firefighter
00:55:49 --> 00:55:51: or police officer to solve your problems,
00:55:51 --> 00:55:54: you're going to be waiting a long time.
00:55:54 --> 00:56:00: Great into that point. Talking about sharing responsibility and
things
00:56:00 --> 00:56:02: that I actually know.
00:56:02 --> 00:56:06: Cities and real estate organizations are actually looking at
right
00:56:06 --> 00:56:07: now.
00:56:07 --> 00:56:09: Wendy's question of you know,
00:56:09 --> 00:56:11: do you envision in the future,
00:56:11 --> 00:56:14: private, privately owned and managed buildings?
00:56:14 --> 00:56:18: And I would also say privately owned and managed space
00:56:18 --> 00:56:21: will be required by cities to play a role during
00:56:21 --> 00:56:24: disasters or climate related extreme events.
00:56:24 --> 00:56:29: Really taking part in emergency preparedness as well as
response
00:56:29 --> 00:56:30: in the event of floods.
00:56:30 --> 00:56:34: Extreme heat storms. Earthquakes and that sort of stuff and
00:56:34 --> 00:56:36: I know that's been a discussion,
00:56:36 --> 00:56:40: particularly around coronavirus and needing additional space
because things have
00:56:40 --> 00:56:41: to be more spread out.
00:56:41 --> 00:56:45: But also, you know, thinking about that from from the
00:56:45 --> 00:56:46: future.
00:56:46 --> 00:56:47: Any any thoughts about that?
00:56:47 --> 00:56:50: I don't know if you've seen anything in in sort
00:56:50 --> 00:56:51: of the Greater Phoenix area,
00:56:51 --> 00:56:54: but. You know on that point.
00:56:54 --> 00:56:56: Here's the main thing I want to say about that,
00:56:56 --> 00:56:58: which is Arizona is not California,
00:56:58 --> 00:57:00: so you're going to see places that mandate it.
00:57:00 --> 00:57:02: You're going to see other places where that's not in

00:57:02 --> 00:57:03: our culture,
 00:57:03 --> 00:57:06: and I just want to shout out RULI chapter in
 00:57:06 --> 00:57:06: Arizona.
 00:57:06 --> 00:57:10: Understands Arizona and they know that we don't do things
 00:57:10 --> 00:57:11: by mandate.
 00:57:11 --> 00:57:13: We often do things collectively,
 00:57:13 --> 00:57:15: and so I don't see us going to a lot
 00:57:16 --> 00:57:19: of mandates very quickly in most places in Arizona,
 00:57:19 --> 00:57:22: what I see is, is groups like you Ally helping
 00:57:22 --> 00:57:25: convene those conversations and figure out,
 00:57:25 --> 00:57:30: well, water developers willing to do water property owners
 willing
 00:57:30 --> 00:57:30: to do?
 00:57:30 --> 00:57:32: What are the needs of the city?
 00:57:32 --> 00:57:35: How do we? How do we do that kind of
 00:57:35 --> 00:57:37: collaboration and an ongoing?
 00:57:37 --> 00:57:40: Community dialogue with property owners and developers.
 00:57:40 --> 00:57:42: So I really think it needs to be a continued
 00:57:42 --> 00:57:45: conversation an figuring out what we're all willing to do
 00:57:45 --> 00:57:49: and how we wanna make collective responsibility and
 collective action
 00:57:49 --> 00:57:51: work together. And yeah, they're going to be.
 00:57:51 --> 00:57:54: Sometimes in cities are asked to do things we don't
 00:57:54 --> 00:57:55: want to do,
 00:57:55 --> 00:57:58: yes. Are there going to be times that developers feel
 00:57:58 --> 00:57:58: uncomfortable?
 00:57:58 --> 00:58:01: Yes, but I think part of what this work is
 00:58:01 --> 00:58:03: is being at least willing to have the dialogue and
 00:58:03 --> 00:58:07: have those uncomfortable conversations an figuring out how
 much can
 00:58:07 --> 00:58:10: we. Need to do how much can we each put
 00:58:10 --> 00:58:14: into the collective pot to try to survive as a
 00:58:14 --> 00:58:14: community?
 00:58:14 --> 00:58:17: Chance for this and this may be.
 00:58:17 --> 00:58:20: Our last question before maybe a quick.
 00:58:20 --> 00:58:23: I would say one sentence wrap up from both of
 00:58:23 --> 00:58:24: you,
 00:58:24 --> 00:58:28: but there is a question about Emergency Management being
 tilted
 00:58:28 --> 00:58:31: towards preparing for responses to shocks.
 00:58:31 --> 00:58:34: As you said before, but not as much on prevention
 00:58:34 --> 00:58:35: and risk reduction.
 00:58:35 --> 00:58:37: What're you know what's like?

00:58:37 --> 00:58:40: If you could think of like the one thing or
 00:58:40 --> 00:58:44: maybe two or three things that were most important to
 00:58:44 --> 00:58:48: try to sort of shift that conversation from the response
 00:58:48 --> 00:58:50: site to really the prevention side.
 00:58:50 --> 00:58:53: What are those? What's the top thing that you think
 00:58:53 --> 00:58:54: of?
 00:58:54 --> 00:58:57: Well, you know, response used to be the shortest phase
 00:58:57 --> 00:58:58: of disaster,
 00:58:58 --> 00:59:00: and so you know. Ironically,
 00:59:00 --> 00:59:02: people would put the most money,
 00:59:02 --> 00:59:07: resources and education into response because that was
 kind of
 00:59:07 --> 00:59:09: the most straightforward area to focus on.
 00:59:09 --> 00:59:12: I would say for the emergency managers,
 00:59:12 --> 00:59:16: those who are facing you know management of a variety
 00:59:16 --> 00:59:18: of different disasters right now.
 00:59:18 --> 00:59:22: Focus on getting to know your community into demographics,
 00:59:22 --> 00:59:26: understand the risks. Understand the threats to your
 community,
 00:59:26 --> 00:59:31: but most importantly understand that people that are residing
 in
 00:59:31 --> 00:59:34: your community understand your business.
 00:59:34 --> 00:59:38: Make up within the community and really educate yourself on
 00:59:38 --> 00:59:40: the people that you're serving.
 00:59:40 --> 00:59:43: Because if you wait until the time of disaster or
 00:59:43 --> 00:59:46: you wait until everyone is marshaling resources,
 00:59:46 --> 00:59:51: then you've already, you've already missed your
 opportunities too late,
 00:59:51 --> 00:59:55: so you have to know your community and emergency
 managers
 00:59:55 --> 00:59:55: must.
 00:59:55 --> 00:59:59: Become more comfortable in reading and doing research,
 00:59:59 --> 01:00:04: participating in research, and looking for innovative ways to
 assist
 01:00:04 --> 01:00:08: the community to to better serve the community and so
 01:00:08 --> 01:00:12: that would be the one thing I would say is
 01:00:12 --> 01:00:15: that you know, for Emergency Management,
 01:00:15 --> 01:00:18: professionals begin to do the.
 01:00:18 --> 01:00:23: Work in a much more meaningful way and engage your
 01:00:23 --> 01:00:24: community.
 01:00:24 --> 01:00:28: Brighton any any last words were about it time.
 01:00:28 --> 01:00:30: I think you said it perfectly,
 01:00:30 --> 01:00:31: Chancey. I think you know.

01:00:31 --> 01:00:34: We've been doing a lot of our work around extreme
01:00:34 --> 01:00:34: heat.
01:00:34 --> 01:00:38: Yeah, with ASU and trying to have more people centered
01:00:38 --> 01:00:41: data collection and more robust ways of doing that listening.
01:00:41 --> 01:00:44: And so you know, I think you have a lot
01:00:44 --> 01:00:46: of partners that you can reach out to in your
01:00:46 --> 01:00:47: community,
01:00:47 --> 01:00:50: your local Health Foundation, your nonprofit.
01:00:50 --> 01:00:53: You're not profit organizations, your research universities.
01:00:53 --> 01:00:55: That's certainly a huge piece of it.
01:00:55 --> 01:00:57: So yeah. And then Chauncey?
01:00:57 --> 01:00:58: I just want to make sure.
01:00:58 --> 01:01:02: Is there anything else that we missed that you want
01:01:02 --> 01:01:03: to you want to say?
01:01:03 --> 01:01:05: I know I think we covered it.
01:01:05 --> 01:01:09: I just I'm also a fan of braided Jeff so
01:01:09 --> 01:01:09: I.
01:01:09 --> 01:01:12: I just thank you so much for giving me this
01:01:12 --> 01:01:16: opportunity to join you today and and to hear these
01:01:16 --> 01:01:19: great great questions and an provide some input,
01:01:19 --> 01:01:22: but our focus is on equity and it will stay
01:01:22 --> 01:01:23: on equity.
01:01:23 --> 01:01:25: We are committed to that.
01:01:25 --> 01:01:28: So thank you. Thank you John see and Brayton.
01:01:28 --> 01:01:30: This is a great great panel.
01:01:30 --> 01:01:33: We could go on for about four more hours on
01:01:33 --> 01:01:36: this but I want to thank you for participating.
01:01:36 --> 01:01:41: Thanks to you Ally Ann Catherine and the team.
01:01:41 --> 01:01:45: You alive resilience. This has been an engaged
conversation.
01:01:45 --> 01:01:47: You know, there's a lot of work to do.
01:01:47 --> 01:01:50: I think for all of us the concept of listening
01:01:50 --> 01:01:54: to really understand what's going on as we both think
01:01:54 --> 01:01:57: through projects that we might want to do in the
01:01:57 --> 01:02:01: future or participation in prevention or response listing,
01:02:01 --> 01:02:03: I think, is one of the keys that I got
01:02:03 --> 01:02:06: from this as well as networks and sharing like we're
01:02:07 --> 01:02:07: doing today.
01:02:07 --> 01:02:10: So thanks to everyone. Just to note that.
01:02:10 --> 01:02:14: Some of the Q&A had specific questions and we want
01:02:14 --> 01:02:19: we will definitely take that into account for future
programming.
01:02:19 --> 01:02:23: An follow up answers to anyone who had specific questions

01:02:23 --> 01:02:25: about any content or anything else.
01:02:25 --> 01:02:30: Look forward to seeing everyone on another presentation and I
01:02:30 --> 01:02:34: hope everyone stays safe in the middle of the pandemic
01:02:34 --> 01:02:35: that we're still in.
01:02:35 --> 01:02:38: And for those of you on the East Coast and
01:02:38 --> 01:02:41: West Coast and Southern Tier.
01:02:41 --> 01:02:42: In hot weather or wildfires,
01:02:42 --> 01:02:45: or hurricanes or storms. Be safe out there.
01:02:45 --> 01:02:48: Thank you very much and we'll be in touch.
01:02:48 --> 01:02:48: Thank you.

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