



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
00:05:06 --> 00:05:08: the City of Phoenix.

00:05:08 --> 00:05:11: Next slide, please. And we're also joined by Chauncy Willis,
00:05:11 --> 00:05:13: who is the Co founder and CEO of the Institute
00:05:14 --> 00:05:16: for Diversity and Inclusion in Emergency Management.
00:05:16 --> 00:05:18: IDM, in her role as CEO for IDM,
00:05:18 --> 00:05:21: she leads efforts to integrate equity into all facets of
00:05:21 --> 00:05:24: disaster policy programs and practice.
00:05:24 --> 00:05:28: Johnson brings 20 years of Emergency Management
experienced IDM including
00:05:28 --> 00:05:30: 14 years with the City of Tampa where she created
00:05:30 --> 00:05:34: and managed the Office of Emergency Management and
designed and
00:05:34 --> 00:05:37: directed the city's Emergency Operations Center.
00:05:37 --> 00:05:41: She's also coordinated consequence management and
Homeland Security for numerous
00:05:41 --> 00:05:42: large scale events,
00:05:42 --> 00:05:43: including the Tampa Bay Super Bowl.
00:05:43 --> 00:05:47: Although I'll hold off listing the other extremely impressive
large
00:05:47 --> 00:05:48: scale events on the list,
00:05:48 --> 00:05:50: in case anyone on the line is missing,
00:05:50 --> 00:05:52: attending this sort of thing.
00:05:52 --> 00:05:55: So with that before we kick off the today's discussion,
00:05:55 --> 00:05:59: a few technology reminders, although I'm sure everyone is
quite familiar
00:05:59 --> 00:06:02: with with all the opportunities within the Zoom platform,
00:06:02 --> 00:06:05: first participants will be on mute for the entire Web
00:06:05 --> 00:06:06: and R and feel free.
00:06:06 --> 00:06:10: But throughout the webinar you'll have the opportunity to
enter
00:06:10 --> 00:06:12: questions through the Q&A function.
00:06:12 --> 00:06:15: Please feel free to enter the questions at anytime you'll
00:06:15 --> 00:06:18: see that our format today is more conversational,
00:06:18 --> 00:06:21: dialogue based and we will be monitoring the questions and
00:06:21 --> 00:06:23: anticipate getting to the audience.
00:06:23 --> 00:06:26: Questions during the latter portions of the webinar,
00:06:26 --> 00:06:28: we regret that we may not be able to get
00:06:28 --> 00:06:29: to all the questions,
00:06:29 --> 00:06:32: but we'll do our best to cover as much
00:06:32 --> 00:06:32: as we can.
00:06:32 --> 00:06:34: Thank you again for joining us.
00:06:34 --> 00:06:37: 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

00:09:34 --> 00:09:38: in land use planning,

00:09:38 --> 00:09:42: an Emergency Management, and what city leaders can do

00:09:42 --> 00:09:46: both

00:09:46 --> 00:09:50: at the sort of personal level an institutional level to

00:09:50 --> 00:09:53: sort of breakdown those barriers to equity and the immediate

00:09:53 --> 00:09:54: risks that people are facing this summer.

00:09:54 --> 00:09:56: So I'd like to pass it first to chancia.

00:09:56 --> 00:09:59: Sorry if you didn't know,

00:09:59 --> 00:10:02: I was going to pass it to you for.

00:10:02 --> 00:10:05: No, that's wonderful. Thank you.

00:10:05 --> 00:10:06: To really talk to us a little bit about the

00:10:06 --> 00:10:10: way you view risk and what's been happening over the

00:10:10 --> 00:10:12: past several months,

00:10:12 --> 00:10:17: including the past few days on the East Coast and

00:10:17 --> 00:10:20: how is what's been happening,

00:10:20 --> 00:10:24: reflective of long-term practices, and potentially thinking

00:10:24 --> 00:10:28: through what the

00:10:28 --> 00:10:32: status quo has been and how inequities.

00:10:32 --> 00:10:36: Might have produced the system that we are facing right

00:10:36 --> 00:10:40: now,

00:10:40 --> 00:10:43: and the vulnerabilities that the people who are most impacted

00:10:43 --> 00:10:46: as we've seen in the news and in the papers,

00:10:46 --> 00:10:50: and we see on the streets of what that means

00:10:50 --> 00:10:55: to them.

00:10:55 --> 00:10:58: That's a great question and I love that.

00:10:58 --> 00:11:03: And it's multilayered. It's very complex,

00:11:03 --> 00:11:06: right? So, to summarize, very,

00:11:06 --> 00:11:09: very succinctly. I would say that our our nation needs

00:11:09 --> 00:11:12: to address the existing inequities in everyday life that are

00:11:12 --> 00:11:15: only exacerbated by disaster.

00:11:15 --> 00:11:18: 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. And 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 a 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
00:17:19 --> 00:17:21: getting enough resources.
00:17:21 --> 00:17:23: And at the end of the day,
00:17:23 --> 00:17:27: it has we have to tackle white supremacy and structural
00:17:27 --> 00:17:28: racism.
00:17:28 --> 00:17:30: That's in our own city organizations.
00:17:30 --> 00:17:35: That's in the organizations of key players in our cities,
00:17:35 --> 00:17:36: and Ann is manifested. Um,
00:17:36 --> 00:17:39: you know, in our cities overall,
00:17:39 --> 00:17:41: and that if we don't.
00:17:41 --> 00:17:44: Go through, I mean it's deck these this decade old
00:17:44 --> 00:17:44: work.
00:17:44 --> 00:17:48: We're talking about this is not something that happens
overnight,
00:17:48 --> 00:17:51: but our cities need to be in this decade.
00:17:51 --> 00:17:54: All work of chipping away at the at the structural
00:17:54 --> 00:17:58: racism and the white supremacy that our cities have been
00:17:58 --> 00:18:00: developed and built upon.
00:18:00 --> 00:18:02: You know where the city of Tempe is,
00:18:02 --> 00:18:06: just. Trying to understand that were built on stolen land
00:18:06 --> 00:18:11: that we we've marginalized the voices of indigenous
populations.
00:18:11 --> 00:18:13: We've we were a sundown town.
00:18:13 --> 00:18:16: We we did not allow people of color sleep in
00:18:16 --> 00:18:18: our city for decades.
00:18:18 --> 00:18:21: And if we don't start to understand an really unpack,
00:18:21 --> 00:18:24: the harm and the tragedy and the trauma that has
00:18:25 --> 00:18:28: been done by those years of policy and understanding that
00:18:28 --> 00:18:31: some of the things we hold dear in our city
00:18:31 --> 00:18:35: like our football stadium, an R&R University and many
businesses
00:18:35 --> 00:18:39: are built on that legacy of patriarchy and white supremacy.
00:18:39 --> 00:18:42: And that if we're going to build a more inclusive
00:18:43 --> 00:18:43: and equitable.
00:18:43 --> 00:18:46: City and we're going to address that kind of the
00:18:46 --> 00:18:49: chronic shocks that there's a lot of work to do
00:18:49 --> 00:18:50: in that space,
00:18:50 --> 00:18:53: so really grateful to be here today thanks to ULI,
00:18:53 --> 00:18:55: and I have developed huge professional crushes.
00:18:55 --> 00:18:59: I'm on both my Co panelists today and I'm really
00:18:59 --> 00:19:03: looking forward to the rest of the conversation.
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 --> 00:21:09: that I've always seen consistently that we've done is we've

00:21:09 --> 00:21:12: taken for granted that people have enough.

00:21:12 --> 00:21:15: A monetary, you know, wherewithal to be able to purchase.

00:21:15 --> 00:21:18: Preparedness and preparedness can't be purchased.

00:21:18 --> 00:21:21: 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 ahha 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 --> 00:27:19: one expressly with built environment professionals and
 00:27:19 --> 00:27:23: developers that was
 really fascinating.
 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

00:36:38 --> 00:36:42: 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 efforts were,

00:36:57 --> 00:36:57: and we do a lot around homeless.

00:36:57 --> 00:36:59: We have homeless teams that go out and do support.

00:36:59 --> 00:37:02: It wasn't that we were.

00:37:02 --> 00:37:03: We were doing excellent work,

00:37:03 --> 00:37:05: but we realize that there were even bigger gaps in

00:37:05 --> 00:37:08: how we were treating those populations and and doing that

00:37:08 --> 00:37:11: in a way that's responsive to covid.

00:37:11 --> 00:37:13: We had to lean on.

00:37:13 --> 00:37:15: LA County had come up with some good protocols for

00:37:15 --> 00:37:18: current schooling centers.

00:37:18 --> 00:37:20: During Covid CDC's came out with some guidelines,

00:37:20 --> 00:37:23: our staff did an incredible job of pulling together and

00:37:23 --> 00:37:26: trying to figure out how to make that work for

00:37:26 --> 00:37:29: us.

00:37:29 --> 00:37:29: And we've just learned a ton.

00:37:29 --> 00:37:31: You're probably going to see some pictures in the upcoming

00:37:31 --> 00:37:35: New York Times Magazine from our cooling center.

00:37:35 --> 00:37:38: We just had our first cooling center pregnancy and birth

00:37:38 --> 00:37:41: last week,

00:37:41 --> 00:37:42: so we've been sort of learning a ton about how

00:37:42 --> 00:37:45: to serve.

00:37:45 --> 00:37:46: Our community better with these shots.

00:37:46 --> 00:37:48: I want to go back to your question with Chelsea.

00:37:48 --> 00:37:50: Just very quickly. There's two other things I'm really hopeful

00:37:50 --> 00:37:54: about,

00:37:54 --> 00:37:54: so I think chances absolutely right.

00:37:54 --> 00:37:56: We're starting to see communities understand how to take

00:37:56 --> 00:38:00: collective

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

00:38:15 --> 00:38:16: put money into a.

00:38:16 --> 00:38:16: One that's used for equitable energy and equitable green

00:38:16 --> 00:38:21: 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

00:40:21 --> 00:40:24: 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

00:40:28 --> 00:40:31: 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

00:45:33 --> 00:45:38: 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

00:47:39 --> 00:47:40: for Tempe.

00:47:40 --> 00:47:43: Based on that New Zealand work we've applied to do

00:47:43 --> 00:47:46: more equity work and so one of the things I've
 00:47:46 --> 00:47:48: oh the other thing is USDN,
 00:47:48 --> 00:47:51: which is the urban Sustainability Directors network,
 00:47:51 --> 00:47:55: has an equity and inclusion in diversity fellowship and we
 00:47:55 --> 00:47:58: have a young woman of Valencia Clemente who we've hired
 00:47:58 --> 00:48:00: who is a PhD student.
 00:48:00 --> 00:48:02: At ASU, who's helping us do deeper,
 00:48:02 --> 00:48:06: equitable engagement work as part of a summer long
 fellowship,
 00:48:06 --> 00:48:09: she she's a woman of color front from New York
 00:48:09 --> 00:48:12: City and so by hiring that diversity on to my
 00:48:12 --> 00:48:15: team and giving them the power to lead and the
 00:48:15 --> 00:48:18: power to listen and the power to develop new programs,
 00:48:18 --> 00:48:22: that's been a huge way that I've been trying to
 00:48:22 --> 00:48:24: look at myself as a white male.
 00:48:24 --> 00:48:27: Realizing that I am a part of the white supremacy
 00:48:27 --> 00:48:28: in my organization,
 00:48:28 --> 00:48:30: in my community and in less.
 00:48:30 --> 00:48:35: Start hiring differently and managing differently and allowing
 other voices
 00:48:35 --> 00:48:37: to come through in my work.
 00:48:37 --> 00:48:39: Then I'm going to continue to be a part of
 00:48:39 --> 00:48:43: the problem and until more white males in this country
 00:48:43 --> 00:48:46: step up and create pathways for people of color,
 00:48:46 --> 00:48:49: we're going to continue to to have more walls and
 00:48:49 --> 00:48:50: more barriers.
 00:48:50 --> 00:48:52: And let's be crystal clear,
 00:48:52 --> 00:48:53: this is not the worst.
 00:48:53 --> 00:48:54: It's going to get an.
 00:48:54 --> 00:48:58: We could have a society where today's equity gap and
 00:48:58 --> 00:49:02: today's opportunity gap looks miniscule to what it could look
 00:49:02 --> 00:49:02: like in 2040.
 00:49:02 --> 00:49:05: So we're not fighting against today.
 00:49:05 --> 00:49:06: Everyone wants to say, well,
 00:49:06 --> 00:49:09: we're fighting against the challenges we see today.
 00:49:09 --> 00:49:12: White supremacy and inclusion and and and a lack of
 00:49:13 --> 00:49:13: democracy.
 00:49:13 --> 00:49:16: The crisis that we think we're viewing now could be
 00:49:16 --> 00:49:19: 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

00:49:28 --> 00:49:29: making sure we're
00:49:29 --> 00:49:32: getting voices,
00:49:32 --> 00:49:33: voices of people of color and voices of people that
00:49:33 --> 00:49:37: haven't.
00:49:37 --> 00:49:42: Haven't been heard before. Leading the way.
00:49:42 --> 00:49:44: There was a there was a question and.
00:49:44 --> 00:49:46: From one of the attendees,
00:49:46 --> 00:49:49: and I think, particularly Brayden,
00:49:49 --> 00:49:53: your last point and chancia your earlier points,
00:49:53 --> 00:49:54: and I would ask for both of you to answer
00:49:54 --> 00:49:56: this question.
00:49:56 --> 00:50:00: You
00:50:00 --> 00:50:04: I think some of some of our discussion may seem
00:50:04 --> 00:50:08: disconnected from the topic of preparedness for climate
00:50:08 --> 00:50:11: events.
00:50:11 --> 00:50:16: So I mean, I, I could recite this myself,
00:50:16 --> 00:50:20: but I would. I would appreciate if both of you
00:50:20 --> 00:50:25: would talk about the importance of the statements that you've
00:50:25 --> 00:50:26: made and why they are important to preparedness for
00:50:26 --> 00:50:29: climate
00:50:29 --> 00:50:33: and preparedness in general, particularly around as I've been
00:50:33 --> 00:50:37: taking
00:50:37 --> 00:50:39: notes,
00:50:39 --> 00:50:42: equity. Diversity, collective responsibility, listening,
00:50:42 --> 00:50:46: and all those things. How that is a part of
00:50:46 --> 00:50:50: how do you see that being apart of preparedness?
00:50:50 --> 00:50:51: How is it not a part of preparedness?
00:50:51 --> 00:50:56: So all of those things are elements of preparedness.
00:50:56 --> 00:51:01: And when we talk about the concept that was introduced
00:51:01 --> 00:51:03: that you know,
00:51:03 --> 00:51:07: most emergency emergency managers don't quite believe in
00:51:07 --> 00:51:11: yet is
00:51:11 --> 00:51:15: the concept of whole community and involving everyone in
00:51:15 --> 00:51:20: not
00:51:20 --> 00:51:24: only their own preparedness,
00:51:24 --> 00:51:28: but in the the Community's collective preparedness.
00:51:28 --> 00:51:30: And when we were talking about.
00:51:30 --> 00:51:33: Resilience. You have to talk about everyone you can't just
00:51:33 --> 00:51:37: relate to specific groups when climate change or were
00:51:37 --> 00:51:41: Speaking
00:51:41 --> 00:51:45: of climate change and the science of climate change in
00:51:45 --> 00:51:49: its impact to those communities.
00:51:49 --> 00:51:53: 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:

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:

00:51:41 --> 00:51:45: there's a direct direct correlation.

00:51:45 --> 00:51:49: So there is no way to separate the need for

00:51:49 --> 00:51:55: increased equity ANCRE increased inclusive resilience.

00:51:55 --> 00:52:00: Without addressing the need for a for addressing the understanding

00:52:01 --> 00:52:05: that climate change is going to impact all of those

00:52:05 --> 00:52:10: things so we can't be resilient without everyone being resilient.

00:52:10 --> 00:52:14: I can't be resilient if my next door neighbor is

00:52:14 --> 00:52:16: not resilient,

00:52:16 --> 00:52:19: so it's it's a. There's a need for us to

00:52:19 --> 00:52:24: as Braden so wonderfully stated for us to stop thinking

00:52:24 --> 00:52:28: individualistic Lee and begin to think collectively.

00:52:28 --> 00:52:33: And that is that will lead to true resilience.

00:52:33 --> 00:52:37: Is that collective thinking and I would say I want

00:52:37 --> 00:52:39: to get Brayden in on this.

00:52:39 --> 00:52:43: But I would say, you know.

00:52:43 --> 00:52:47: Chance he knows this better than anybody but the whole

00:52:47 --> 00:52:51: construct of Emergency Management in this country is based on

00:52:51 --> 00:52:54: a concept of mutual aid and mutual aid to me

00:52:54 --> 00:52:58: is not just about the mutual aid between city and

00:52:58 --> 00:53:01: County and state to other city and County and states.

00:53:01 --> 00:53:05: It's also the resilience built in the community to withstand

00:53:05 --> 00:53:07: what it what has happened,

00:53:07 --> 00:53:12: what is currently happening and in particularly prepare people for

00:53:12 --> 00:53:16: what we already know is going to happen more frequently

00:53:16 --> 00:53:17: in the future.

00:53:17 --> 00:53:19: And being able to strengthen these systems,

00:53:19 --> 00:53:22: which frankly haven't enough attention,

00:53:22 --> 00:53:25: has been paid to in the past is what's going

00:53:25 --> 00:53:27: to help us move forward in the future and have

00:53:27 --> 00:53:30: lack less disastrous consequences.

00:53:30 --> 00:53:32: Which, for those of those of you who are very

00:53:32 --> 00:53:35: interested on the fiscal side of this,

00:53:35 --> 00:53:38: it actually means saving money and saving taxpayer dollars.

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

00:54:47 --> 00:54:51: you start to really happy in conversation with Community,

00:54:51 --> 00:54:54: that's not thriving. You're going to start to see that.

00:54:54 --> 00:54:57: What we're talking about of doing that deeper listening,

00:54:57 --> 00:55:00: and that deeper conversation has everything to do with

00:55:00 --> 00:55:01: making

00:55:01 --> 00:55:03: sure that people don't get hurt when threats come to

00:55:03 --> 00:55:04: your community,

00:55:04 --> 00:55:07: and especially when they stack.

00:55:07 --> 00:55:11: The last thing I want.

00:55:11 --> 00:55:16: Another thing I want to say is.

00:55:16 --> 00:55:17: Danny Lee in New Zealand as they deal with earthquakes

00:55:17 --> 00:55:20: and tsunami's says something really important to their

00:55:20 --> 00:55:24: community which

00:55:24 --> 00:55:27: is.

00:55:27 --> 00:55:30: The next disaster that comes to our city,

00:55:30 --> 00:55:33: 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

00:57:30 --> 00:57:30: 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

00:57:49 --> 00:57:51: 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

00:58:07 --> 00:58:10: 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

00:58:28 --> 00:58:31: 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 and 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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