

# 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

00:03:50 --> 00:03:52: the public,

00:03:52 --> 00:03:56: private and not for profit sectors.

00:03:56 --> 00:03:59: They've all had leadership positions in resilient resilience in

00:03:59 --> 00:04:01: cities

00:04:01 --> 00:04:04: across the US and help these cities prepare for the

00:04:04 --> 00:04:07: many varied impacts of climate change,

00:04:07 --> 00:04:08: ranging from increasingly frequent and extreme storms to

00:04:08 --> 00:04:11: sea level

00:04:11 --> 00:04:15: rise,

00:04:15 --> 00:04:18: extreme heat and wildfires. Next slide,

00:04:18 --> 00:04:21: please.

00:04:21 --> 00:04:23: Our discussion will be led and moderated by Jeff Hebert,

00:04:23 --> 00:04:24: partner at HRA Advisors, who leads the firm's resilience

00:04:24 --> 00:04:28: practice.

00:04:28 --> 00:04:31: He's currently leading projects in New York City,

00:04:31 --> 00:04:34: Buffalo, Miami, Houston, Dallas, New York and Los Angeles.

00:04:34 --> 00:04:37: He is a leader in the firm in the fields

00:04:37 --> 00:04:40: of urban resilience,

00:04:40 --> 00:04:41: economic development, and community revitalization and

00:04:41 --> 00:04:44: previously served the City

00:04:44 --> 00:04:45: of New Orleans in many capacities including as chief

00:04:45 --> 00:04:48: resilience

00:04:48 --> 00:04:49: officer and executive director of the Greater of the New

00:04:49 --> 00:04:52: Orleans Redevelopment Authority. We've also been very

00:04:52 --> 00:04:54: lucky to have

00:04:54 --> 00:04:58: him serve on a number of ULI technical assistance and

00:04:58 --> 00:05:02: advisory services panels.

00:05:02 --> 00:05:06: Next slide, please.

00:05:06 --> 00:05:08: We're also joined by Braiding K,

00:05:08 --> 00:05:11: The Sustainability Director from the City of Tempe,

00:05:11 --> 00:05:14: AZ, which is already experienced.

00:05:14 --> 00:05:17: Multiple extreme heat events this summer.

00:05:17 --> 00:05:20: Braden has also worked for the City of Orlando and

00:05:20 --> 00:05:23: manage community engagement and sustainability initiatives

00:05:23 --> 00:05:26: for the seafood city

00:05:26 --> 00:05:29: of Phoenix.

00:05:29 --> 00:05:32: He received a PhD from Arizona State School Sustainability

00:05:32 --> 00:05:35: and

00:05:35 --> 00:05:38: for his dissertation work on stakeholder engagement and

strategy with  
the City of Phoenix.

00:05:06 --> 00:05:08: Next slide, please. And we're also joined by Chauncy Willis,  
00:05:08 --> 00:05:11: who is the Co founder and CEO of the Institute  
00:05:11 --> 00:05:13: for Diversity and Inclusion in Emergency Management.  
00:05:14 --> 00:05:16: IDM, in her role as CEO for IDM,  
00:05:16 --> 00:05:18: she leads efforts to integrate equity into all facets of  
00:05:18 --> 00:05:21: disaster policy programs and practice.  
00:05:21 --> 00:05:24: Johnson brings 20 years of Emergency Management  
00:05:24 --> 00:05:28: 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

00:09:32 --> 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

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 --> 00:21:08: 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 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 --> 00:27:18: 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  
00:40:21 --> 00:40:24: Arizona.  
00:40:24 --> 00:40:25: Black Lives Matter movement is out in the streets and  
00:40:25 --> 00:40:28: being heard,  
00:40:28 --> 00:40:31: we have some incredible environmental nonprofits like  
00:40:31 --> 00:40:32: cheese.  
00:40:32 --> 00:40:35: But they had an incredible workshop on extreme heat.  
00:40:35 --> 00:40:37: And So what I wanted to say,  
00:40:37 --> 00:40:38: there is cities and developers have the opportunity to forge  
00:40:38 --> 00:40:40: partnerships with nonprofits,  
00:40:40 --> 00:40:43: and it's so much better what I,  
00:40:43 --> 00:40:46: what I haven't quite learned yet,  
00:40:46 --> 00:40:48: but I'm I'm gonna start experimenting with.  
00:40:48 --> 00:40:49: Hand over money and resources to nonprofits who are more  
00:40:49 --> 00:40:51: of a trusted voice in your community.  
00:40:51 --> 00:40:53: Let that tell them what you want,  
00:40:53 --> 00:40:55: what you were hoping to hear,  
00:40:55 --> 00:40:56: or what kind of things you want input on.  
00:40:56 --> 00:40:59: Let them run the community engagements,  
00:40:59 --> 00:41:00: let them run the recruitment,  
00:41:00 --> 00:41:03: and then built. They'll give you a presentation of what  
00:41:03 --> 00:41:04: they heard,  
00:41:04 --> 00:41:07: but part of shifting this power is shifting the power  
00:41:07 --> 00:41:08: of who is helping you listen,  
00:41:08 --> 00:41:10: and to chauncey's points that she loves to make.  
00:41:10 --> 00:41:13: That has to do with who you hire,  
00:41:13 --> 00:41:15: and it has to do both as consultants and,  
00:41:15 --> 00:41:17: uh, staff. So we have a fundamental responsibility if we  
00:41:17 --> 00:41:20: want to do things differently.  
00:41:20 --> 00:41:23: We need to be hiring differently,  
00:41:23 --> 00:41:24: both long term permanent folks as well as the types  
00:41:24 --> 00:41:26: of consultants and the types of nonprofits we're bringing in  
00:41:26 --> 00:41:28: to partner with us.  
00:41:28 --> 00:41:30: 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.

00:44:22 --> 00:44:25: I think it's meant to educate our nation and bring

00:44:25 --> 00:44:29: us to a point where we are more aware of

00:44:29 --> 00:44:31: the needs of other people that maybe don't look like

00:44:31 --> 00:44:35: us or have our life experiences.

00:44:35 --> 00:44:36: I think in science and in healthcare and in many

00:44:36 --> 00:44:38: areas,

00:44:38 --> 00:44:42: white has been the default setting.

00:44:42 --> 00:44:43: The white male has been the control group and the

00:44:43 --> 00:44:46: standard.

00:44:46 --> 00:44:52: For policy's for research, for for,

00:44:52 --> 00:44:56: for just about every area of our our construct within

00:44:56 --> 00:45:00: this country an and that has led us to a

00:45:00 --> 00:45:07: place where now everyone who is not a white,

00:45:07 --> 00:45:12: male or affiliated with that white default setting is having.

00:45:12 --> 00:45:16: Worst experience not only with daily living but also in

00:45:16 --> 00:45:17: times of disaster and so we're seeing that play out

00:45:17 --> 00:45:19: an so for me.

00:45:19 --> 00:45:23: I'm hopeful that going forward.

00:45:23 --> 00:45:28: We will begin to adjust that and we will begin

00:45:28 --> 00:45:33: to create research projects that are actually more applicable

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

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

00:45:33 --> 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

00:47:39 --> 00:47:40: manual  
 00:47:40 --> 00:47:43: for Tempe.  
 00:47:43 --> 00:47:46: Based on that New Zealand work we've applied to do  
 00:47:46 --> 00:47:48: more equity work and so one of the things I've  
 00:47:48 --> 00:47:51: oh the other thing is USDN,  
 00:47:51 --> 00:47:55: which is the urban Sustainability Directors network,  
 00:47:55 --> 00:47:58: has an equity and inclusion in diversity fellowship and we  
 00:47:58 --> 00:48:00: have a young woman of Valencia Clemente who we've hired  
 00:48:00 --> 00:48:02: who is a PhD student.  
 00:48:02 --> 00:48:06: At ASU, who's helping us do deeper,  
 00:48:06 --> 00:48:09: equitable engagement work as part of a summer long  
 00:48:09 --> 00:48:12: fellowship,  
 00:48:12 --> 00:48:15: she she's a woman of color front from New York  
 00:48:15 --> 00:48:18: City and so by hiring that diversity on to my  
 00:48:18 --> 00:48:22: team and giving them the power to lead and the  
 00:48:22 --> 00:48:24: power to listen and the power to develop new programs,  
 00:48:24 --> 00:48:27: that's been a huge way that I've been trying to  
 00:48:27 --> 00:48:28: look at myself as a white male.  
 00:48:28 --> 00:48:30: Realizing that I am a part of the white supremacy  
 00:48:30 --> 00:48:35: in my organization,  
 00:48:35 --> 00:48:37: in my community and in less.  
 00:48:37 --> 00:48:39: Start hiring differently and managing differently and allowing  
 00:48:39 --> 00:48:43: other voices  
 00:48:43 --> 00:48:46: to come through in my work.  
 00:48:46 --> 00:48:49: Then I'm going to continue to be a part of  
 00:48:49 --> 00:48:50: the problem and until more white males in this country  
 00:48:50 --> 00:48:52: step up and create pathways for people of color,  
 00:48:52 --> 00:48:53: we're going to continue to to have more walls and  
 00:48:53 --> 00:48:54: more barriers.  
 00:48:54 --> 00:48:58: And let's be crystal clear,  
 00:48:58 --> 00:49:02: this is not the worst.  
 00:49:02 --> 00:49:05: It's going to get an.  
 00:49:05 --> 00:49:06: We could have a society where today's equity gap and  
 00:49:06 --> 00:49:09: today's opportunity gap looks miniscule to what it could look  
 00:49:09 --> 00:49:12: like in 2040.  
 00:49:12 --> 00:49:13: So we're not fighting against today.  
 00:49:13 --> 00:49:16: Everyone wants to say, well,  
 00:49:16 --> 00:49:19: we're fighting against the challenges we see today.  
 00:49:19 --> 00:49:22: White supremacy and inclusion and and and a lack of  
 00:49:22 --> 00:49:25: democracy.  
 00:49:25 --> 00:49:28: The crisis that we think we're viewing now could be  
 00:49:28 --> 00:49:31: 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.

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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  
 00:54:47 --> 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 --> 00:55:17: and tsunami's says something really important to their  
 00:55:17 --> 00:55:17: community which  
 00:55:17 --> 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  
01:01:45 --> 01:01:47: conversation.  
01:01:47 --> 01:01:50: 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  
01:02:19 --> 01:02:23: 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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