Speaker 1 ([00:00:19](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Silence>

ROBIN ([00:00:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Hello and welcome to, for your reference, brought to you by the Council on Library and Information Resources. I'm Robin,

PARIS ([00:00:46](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And I'm Paris.

ROBIN ([00:00:47](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Joshua couldn't be here today, so we're gonna take this on ourselves. Now I wanna be clear about something. I really do like Sarah McLaughlin, and I love the A-S-P-C-A. But this, this song has just been ruined for me with these commercials because I mean, it's like, man, I'm already sending you money. Please stop torturing me and maybe show me an adoption story. I need <laugh>.

PARIS ([00:01:11](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You need something positive. Yeah,

ROBIN ([00:01:13](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Something positive. <Laugh>.

PARIS ([00:01:15](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. I'm a streamer these days and I pay for no commercials 'cause I'm the the living life like that <laugh>. But back in the day,

ROBIN ([00:01:24](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Crosstalk> live and large, yeah.

PARIS ([00:01:26](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>, when those commercials come on, obviously, like you use that for bathroom break because it's all sad. It's always these like sad little puppies who have like no hair. They're like shivering hyenas, and the snow is blowing on them. And you're like, who's the person filming this? Like, what

ROBIN ([00:01:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh> Right. Could you please just take this dog in and throw a blanket on it or something? Yeah,

PARIS ([00:01:42](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

It's hard. It's hard out

ROBIN ([00:01:44](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Here. And then you've got the endangered species commercials as well, with the tigers and the elephants. And is it in, was endangered or is it threatened?

PARIS ([00:01:53](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You know, I, I think that there's a distinction there with some manner of nuance, but I don't know.

ROBIN ([00:01:59](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. And then you could throw an extinct, which I, I think I remember reading is some is more complicated than just, there are no more of these anywhere. And I think those are all on a continuum, but I'm not sure in what order.

PARIS ([00:02:12](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Neither am I, but hang on. I know how to clean this up. It's time for the Emergency Librarian.

ROBIN ([00:02:27](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Emergency Librarian. Thank you for being here.

ERIN ([00:02:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Of course.

PARIS ([00:02:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Okay,

ROBIN ([00:02:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So <laugh>, so you have some information for us about the difference between I have, yes,

ERIN ([00:02:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Please go ahead. All things there... There's a lot of information. I went down several rabbit holes. I have lots of paperwork. So it's a lot more nuanced. Paris, you were right. And there are kind of four big umbrella terms that we use when we talk about these things. So, extinct, threatened, endangered, and least concern are the, the terms we're gonna be working with here. And so all of these terms kind of vary based on the organization that is putting this data out there. So first category is least concern. That one is the one that sounds most like its name. These are species that we're not super worried about. So, in my research I found out that capybaras are one of them. Capybaras are very popular right now, and that's great 'cause there are plenty of them, almost too many of them.

ERIN ([00:03:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Also things like grasses, species that have adapted well to live among side humans. So like, think rodents in certain birds and insects and plants. Also domestic animals can sort of fall under this category that is also up for debate <laugh>. Another thing super up for debate is the difference between endangered and threatened. So the organization that is sort of at the forefront of this data collection is called the International Union for Conservation of Nature. And they're a data collection group that considers lots of endangered categories under the umbrella of "threatened." So you have "vulnerable," "endangered," and "critically endangered" are all, all threatened. All of those are threatened. But the thing about this IUCN is that it's an advocacy group, so there's not, they can't be litigious in any way. And in the US we have a different group, the US Fish and Wildlife Services which can actually regulate and they just use the terms "threatened" and "endangered" with threatened being the one that we're like kind of concerned about and endangered being the one we're very concerned about.

ERIN ([00:05:02](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And this all falls under the Endangered Species Act of 1973. And so all the things that they list as threatened and endangered have legal protections in the United States. The last category is "extinct." And you may be thinking that it too has less nuance, but it doesn't. So they're the things that we know are extinct, like dinosaurs and giant sloths and things like those those are known to be extinct. I think it would be kind of hard to miss a dinosaur roaming around. But then there are things that are considered functionally extinct. So I don't know if you remember about a decade ago, a little or big tortoise named Lonesome George passed away. But he was a Pinta Island tortoise, and while he was alive, even his species was considered functionally extinct because he was the last one. So couldn't exactly make any baby Pinta Island tortoises.

ERIN ([00:06:03](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah, fun fact, he is taxidermied. You can go see him if you're ever in the Galapagos National Park, <laugh> you can go visit Lonesome George, who was the last of his kind. So, there are also species that are presumed extinct, and those are things that have more recently become extinct, that were like, kind of sure that there are no more, but there's always the chance that we could find more. There's also different kinds of extinctions. First, we have like the normal, normal extinction, so background extinction. This is the extinction that just happens over the course of time, like species evolve, new ones take their place. Just kind of like the course of nature. But, then we have mass extinctions. There have been five so far, and they're all due to natural events. But lots of people, lots of experts think that we're in the midst of a sixth mass extinction. And that is probably most likely our fault. So, lots of things go into that. Of course, habitat loss and the fact that we're just like ruining all of our natural resources. So that's, that's, there's a lot more to that. But those are, those are the highlights for you. So, call it endangered, call it threatened. It really depends on who you ask.

PARIS ([00:07:33](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Nice. Well, thank you for that, Erin. I'm not gonna say I'm clear suddenly on all this, there's tons of information, but I do have some great access points from the laws that you're talking about to just some of the terminology like extinction and extinction and whatnot. So thanks for that.

ERIN ([00:07:48](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah,

ROBIN ([00:07:49](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Thank you for sort of clearing that up for us, <laugh>.

ERIN ([00:07:53](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You're welcome.

ROBIN ([00:07:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Since Joshua can't be here, we're gonna ask you to stick around for our next segment, because it's time to welcome our very special guest for today's episode. This is Reviewer Two. Welcome to Reviewer Two. We invite scholars onto the show to <inaudible> about their work hopefully in a way that is productive and interesting rather than, soul killing our guest today is Dr. Ira Allen, associate professor of rhetoric, writing, and digital media studies at Northern Arizona University. Welcome to the show.

IRA ([00:08:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Hi, y'all. Thanks. Thanks a lot for having me here.

ROBIN ([00:08:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. So before we dive into the meat of the episode, can you give us like a 32nd maybe elevator speech about sort of what you're about your work?

IRA ([00:08:51](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I'm a rhetorician. So what that means in broad terms is if you are interested in how people get persuaded of things and you wanna make money, you study marketing or law. If you're interested in how people get persuaded about things and you're kind of worried about it, you study rhetoric.

ROBIN ([00:09:08](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>, I'm quite

IRA ([00:09:10](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Worried about it.

ROBIN ([00:09:11](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>. I love that distinction. So we are here to talk to you today about a forthcoming book, "Panic Now: Tools for Humanizing." But I I wanna start by asking you about an accident you had in 2019 because it's, it as, as you and I have discussed, it has it sort of shaped your thinking around this book.

IRA ([00:09:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah, yeah. This book is actually a book I wasn't really planning to write. It's stuff that I've been grappling with and it just sort of forced its way on me in the way that crisis does. So at the end of the day, the book's about crisis. And in 2019 I had a catastrophic, you know, career ending. It didn't as it happened, but career ending, snowboarding accident. So I, I broke 18 vertebrae, a couple ribs kind of semi crushed a lung. I was, I was on a, I was on a vent before it was cool. I was on, I was on a ventilator for a week right before Covid <laugh>

ROBIN ([00:10:18](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>. I guess it's gonna happened in 2019.

IRA ([00:10:21](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Curious, is it really, it really clarified for me, like when, when people were going on ventilators during covid and like, that suddenly became like a culturally sort of an item of cultural awareness. I was like, oof. That's horrible. You don't want that. <Laugh>

IRA ([00:10:38](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh> that is so bad. Anyway, so I, I had this I had to relearn to walk. I had a lot of support from, from friends and family, my partner, you know, I mean, just like a lot, a lot of people. Basically, I got really, really fortunate relative to how it could have gone. I'm, I'm still, you know, permanently disabled in the sense that I can't feel my foot very well or my right leg, blah, blah, blah. But I, I got really lucky in terms of being able to redevelop capacity after that. And I think like where part of where it led into this writing this book, I've become really interested in, essentially all of my focus of my scholarship is come to be about how do we do things right now that set up capacities for more possibility in worse times.

IRA ([00:11:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You know, I've had some experience of having more ability to redevelop capacity precisely because of community partnership, the ways in which I'm fortunately located in the world. And, what is it, what is it possible for us relative to the collection of crises that are sort of swarming around us? And reshaping our, our our material and social infrastructures. What can we do right now to prepare so that as those get worse, we are better able to develop new capacities? Because those will get worse. But getting worse doesn't mean everything's over. And I think that was for me, like one of the, you know, not to be too neat and tidy about it. 'cause I don't enjoy being permanently disabled <laugh>. But like, one of the, one of the happy take homes of my set of negative experiences was there's a lot. There's a, I

ROBIN ([00:12:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Didn't <crosstalk> so you can go on, right.

IRA ([00:12:33](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You just got lucky. Yeah. Yeah.

ROBIN ([00:12:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So that's a,

IRA ([00:12:38](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

To talk through competently, my apologies. Yeah.

ROBIN ([00:12:40](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>. Well, it's a little personal, so I appreciate you telling us all of that. And super glad that you are here with us because that...yeah. Wow. So, but one of the things it's sort of turning back to the book. You, one of the first things you do is you reorient a particular demographic that's people that my age, your age-ish people who grew up on a particular brand, brand of protest music to our idea of history. And you sort of built, you actually named this theory of modern history. Can you tell us a little bit about that?

IRA ([00:13:20](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah, the Jello Biafra theory of modern history, I <laugh>, you know, I kind of cut my teeth on, on punk rock music and, and and had for a long time a sense of the world as a place where a lot of things had become impossible at this scale of sort of like large social action in part via a kind of a Reagan Thatcher era where, where all kinds of public goods got dismantled. And I think it's still pretty popular to see our current debilities as societies, as products of that large scale dismantling of society. And part of what I got sort of, I don't know, frustrated with, I wanted to rework for my own self. 'cause It feels like it's kind of a, if you don't think that large scale social change is possible because of this one thing, and we all agree that that's our situation, this kind of capitalist realism where we all just kind of are muddling through with some, some kind of entrepreneurial subjectivity, competitive individualism, all of this stuff, and we're just stuck in that.

IRA ([00:14:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

It's hard to imagine doing something radically different which isn't to say lots of like punk rock hasn't been associated with communal movements, but I just wanted a different kind of frame. And, and so I started thinking about it more in terms of this period from 1989 through 92. So instead of like, like Reagan Thatcher, which is prior to that the period where on the one hand there's the, the end of the Cold War, follow the iron Curtain, blah, blah, blah. On the other hand, and more interestingly, in some ways, a lot of our, our inability to produce large scale change comes from unhappily, the reneging on the promise of George HW Bush's election. George HW Bush. And we don't think about this, we don't talk about it all that much. He ran on the climate platform. He ran for the green side of Democrat Michael Dukakis in 1988.

IRA ([00:15:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

He famously thundered, "you've heard about the Greenhouse Effect, well, don't count out the White House effect," right? <Laugh>. And then he did nothing. And we didn't get binding global change. And then we, instead of, instead of serious action on the climate crisis, again, this is 1988 this is, we were starting to have a global consensus that we need some kind of massive action that's like the Montreal protocol on the for CFCs that were destroying the ozone layer. And Bush was expected to produce one, and then he didn't. And, and then instead we got in 92, a very different story, which is the American way of life is not up for negotiation. And we live in the shadow of that story, the American way of life, which is the way of life. It's about consumption. It's about maximizing resource metabolization is not up for negotiation.

IRA ([00:16:43](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And so I found it kind of useful or interesting at least to think about. For me it was useful, and I think maybe it's useful for more people too, to think about instead of like, we're in this, like there was some kind of hope for society building blah, blah, blah. And instead Reagan and Thatcher kind of killed that. They killed off unions. They, they, you know, Thatcher famously pronounced, there's no such thing as society. Reagan inaugurated a certain vision of <garbled> getting government small enough that you can strangle it in the tub. We inaugurated that he forward it. Instead of that, I think it's useful to think that actually after them, Republicans in the United States were still in fact arguing for stumping on a desire for massive global level action on the collective good.

IRA ([00:17:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And so that there's actually more capacities for action than we often think that there are. If we take that more you know, Reagan Thatcher ruined it at all view, which is not to say I have much use for Reagan or Thatcher but that it is just to note that, that we have within our sort of even our like social <garbled>, our social sort of sense of incapacity and despair and alienation and inability to connect. We actually have more resources available than we sometimes think. Mm-Hmm. <Affirmative>.

PARIS ([00:18:17](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So Ira, your book is centered in the midst of what you call a "polycrisis," a crisis in four parts. If you will, what are those, and why should we be panicking about them? Give me another reason to panic. Go ahead. <Laugh> <laugh>.

IRA ([00:18:34](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Well, so look, I'm not trying to make anybody panic. If you, if you're like, wandering around in the world, you're like, I think everything's fine. You're probably not gonna read my book and be like, oh, wow. Oh, I didn't know that. Things are not fine. <Laugh>, the book speaks to something I think a lot of people already actually feel, which is things are not going well, things are going really badly. And so what I'm trying to get at with these four crises - the AI revolution, the climate crisis, the sixth extinction - you all were just talking about extinction versus threatened species. I also know you've got some emergency librarian work to help draw out those distinctions was awesome. But the, so the sixth extinction, the end, the novel chemical crisis, and I'm, and I'm just treating those as four of the actually many crises.

IRA ([00:19:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

We're in a period where things are, people feel many people correctly apprehend, things is going badly. And we wanna sit, be like, and we've got all kinds of public stories that are like, don't worry, be hopeful. Be be resilient. Be okay. And, and this book sort of says, no, no, no, you don't have to be okay. You don't have to pretend you're okay. You're, if you're feeling panic, you're right. The question is what we do with panic and how we build with panic and how panic, what role panicking wisely can play in building communities that are able to do better things in the darker times to come. And so I'm not, is, you know, I mean, I'm, I'm, I don't wanna fall into the trap of sort of telling people start panicking if you're not. If you, if you encounter this book and you're like, well, that's stupid.

IRA ([00:20:24](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I don't know, I'm probably not gonna reach you <laugh>. Not that that's you here, obviously, but you know, for people who have that, that experience of the world, there no one book reaches all audiences. Yeah. But for anybody who's having the sense of like, wait a minute, we're really not doing anything serious about the climate crisis already. We're just gonna like buy electric vehicles. That clearly the math on that, that doesn't seem like it adds up. Or wait a minute, the sixth extinction, that's, I thought, I, I thought I heard somewhere that that's not even caused so far by climate change. That is mostly just our land and sea use patterns is literally just how humans occupy space and what we do in it.

IRA ([00:21:08](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I'm not smart. Shoot. For anybody who's having that experience or the experience of looking at the hypertrophying, the, the really rapid, really intense development of automated intellectual, which is kind of how I cash out ai. I think I agree with a lot of people in the field that thinking of it as artificial intelligence is maybe a little too, too strong, but there's a lot of social change baked in between these different things. And you then tie those together with something we're hardly talking about at all at the large scale. But we talk about constantly at the small scale, which is the fact that we spent the last 120, 150 years synthesizing nominal chemicals just sort of raiding the periodic table. And this is something Rachel Carson (marine biologist) wrote about all the way back in the 1960s. And, and it's something that we still don't have good or effective ways of navigating.

IRA ([00:22:14](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And, as a result, we we're like, oh, PFAS, or, you know oh, BPAs were, oh, shoot, this new chemical, maybe that's bad. I just read the other day, the EPA approved staggeringly a new Chevron boat and jet fuel made out of recycled plastic. That, that is almost inconceivably carcinogenic. Like every single person exposed to it over a lifetime would develop cancer. Oh, nice. It's, yeah. So, so this is cool. These are the, these, this is fine. <Laugh>. Yeah, right, exactly. It's the dog in the room, <laugh> the room's on fire, and the dog's saying, this is fine, everything is fine. And what this book is for is to say, look, if you already are apprehending that things are not fine, how can you think about those things? Not as just like discrete little scary things that are all separate and your life is just segmented into, you know, thousands of different worrisome little pieces. But instead, we're in a period of generalized crisis, of polycrisis, of intersecting multiple crises. And when you apprehend that, when you say, we are in that period, then the question, the immediate question becomes not, oh, how do I feel hopeful? It becomes, what do I do? What should we do? Yeah. Now what, yeah. How can I behave with others in ways that are functional or useful? Not for preventing crisis too late for that, but for doing meaningful things next. 'cause It's not too late for that. Mm-Hmm.

ERIN ([00:23:51](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Affirmative>, right? Yeah. So you've, you've given us permission to panic <laugh>, thank you for that. And so I think I'm like, my brain then goes to like, who, who can I blame this on? <Laugh>. And you've defined in your book conglomerate or assemblage that has led to these crises. So could you tell us about that assemblage?

IRA ([00:24:16](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Yeah. So I talk in the book about our current times or times of polycrisis as essentially like a wound spring. And, and the winding of that spring is the carbon capitalism, colonialism, assemblage. And it's not to say there are not individual bad actors. God knows there's plenty of individual bad actors. There's no shortage. But, and this is what's simultaneously like really scary and hard, but also like absolutely necessary to deal with, you know to, kind of quote the old Pogo comic. "We have met the enemy and he is us." It's us. Yeah. <Laugh>. And, and, and that's not, that's not necessarily like the us of humanity because humans are bad or whatever. I don't think that's a useful place to go, but it is a certain kind of global culture that comes at the intersection of burning carbon, organizing legal regimes around the history of colonialism, which is something that's absolutely still maintained just because colonialism in the classic sense stopped being mostly, although not entirely stopped being mostly operant doesn't change the fact that the legal structures that are the legacy of that.

IRA ([00:25:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And we see that, by the way, everywhere from questions about indigenous sovereignty to black lives matter in the United States, we see that even globally in ways that Americans are often not great at talking about <laugh> in terms of noticing how the, sorry, I

ROBIN ([00:25:57](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Said, or noticing for that matter,

IRA ([00:25:58](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Or noticing. And it's hard in the fairness, it's hard to notice it's big, you know? But like, we think about like, what is the G seven? Why is there a G seven mm-Hmm. <Affirmative> group of seven or group of eight, like, what's that about? It's like, what? It's essentially like former, quasi former, not that former colonial powers that set the agenda for global politics, right? And that's part of the legacy of colonialism. So this cashes out all over the place. And capitalism, of course, requires for capital to be realized. You have to speculate in new endeavors. And so these three things together without, I don't wanna say there again, without there being like bad actors or like evil doers or whatever, there's plenty, good God, there's no shortage of evil doers. But over and above all that, there's the simple fact that we as societies, we don't have a way to just like, opt out of this collection of things.

IRA ([00:27:01](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And so the question is, what do you do with that knowing that that imposes a bunch of deferred costs that are falling due, and that system as a whole is not able to reincorporate those costs. And those are human costs, those are environmental costs. Those are costs for non-human animals our kin. So what do we do if the system that we are part of imposes it has imposed not it's starting to impose or it will impose, it has imposed That's done. Yeah. A set of costs, it required everything, costs something to make order in the world is energetically costly, right? I mean, and so this world that we're in has been energetically costly. And, and it was also able to like defer acknowledgement of those costs for a very long time. And so when you look at something like the Black Lives Matter movement, part of what you're looking at is literally the deferred costs of slavery in the Constitution of the United States. And this is true for all of the stuff. And that's why thinking about CaCo Co. Is sort of helpful because it, it actually asks us to say, okay, well a lot of this stuff is, is deferred costs that are falling due that the system CaCa Co. can't incorporate. So if then, so, wait,

ROBIN ([00:28:28](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

This system

IRA ([00:28:29](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Isn't a phase of collapse.

ROBIN ([00:28:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So Ka kaco, I'm just gonna say it. You say it in the book this, you call it the company. <Laugh>

IRA ([00:28:38](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>, that's right.

ROBIN ([00:28:40](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Well, I, I, and I, I really love that. I was gonna, I'm gonna be the first one to cuss on the show. There. We do t

IRA ([00:28:47](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

We done. Okay, cool. The the floodgates are open though, Robin

ROBIN ([00:28:51](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>.

IRA ([00:28:53](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So yeah. So like,

ROBIN ([00:28:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Take it easy, <laugh>,

IRA ([00:28:57](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Absolutely. Like this is not, this is, it's a company, it's a firm. It's a way of organizing collective life resource management and distribution. That is not without benefits. It's totally dishonest for us to be like, oh, look at all these bad carbon burners. I mean, we're literally doing this show over a set of fibers buried in the ground, in part through carbon capitalism and colonialism. We are this world. Now, that doesn't mean it's like, it doesn't mean, it doesn't mean cool. It means that, like when we say simultaneously, we are this world and this world is a sh#t company,

PARIS ([00:29:41](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>,

IRA ([00:29:42](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

The question is what happens? What happens with the waste?

PARIS ([00:29:48](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Mm-Hmm. <Affirmative>,

IRA ([00:29:49](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Right? And we're moving into unfortunately, or fortunately, depending on how you look at it, but just it is the case. We're moving into like a phase of world history that is waste management time. And the reality is for the structure of this system that we are part of, most of us are readily conceived of as waste. That's our non-human kin that's most humans on the, on the planet. And so when you think like, okay, what relative to the structure of the system, if most of us are conceivable as waste, and that's part of why it's so worrying that an AI revolution intersects with a climate crisis intersects with the loss of ecosystem services. And this extinction intersects with some scary futures that are economic intersects with the chemical crisis, blah, blah, blah. Part of why it's so worrying in the intersection of all these things is precisely that we, most regular people, most most people who are not policy makers, who are not oligarchs, ultra wealthy people setting, setting the sort of rulemaking processes in place for our system, we are conceivable as waste in that system. And the flip side of that is we are also able collectively and, and probably ought to consider panicking <laugh> in time to collectively organize different kinds of waste management. The costs are falling due. There's no way around that that's happening. There's no like, oh, we'll do this and that techno magic woo no costs,

PARIS ([00:31:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Techno magic <laugh>.

IRA ([00:31:33](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

That's just not reality based.

PARIS ([00:31:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Come on,

IRA ([00:31:38](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Man. So the question is, how do we collectively find new ways to organize our navigation of waste or to organize our navigation of these costs as they get reincorporated into the overall world system? And that's something I'm actually very hopeful about. Like, there's so much we have not invented. There's so much, so enormous and eff fluorescence of possibilities throughout human history as a species history that we are not tapping into, that we're not doing cool things with at all. There's so much we can in fact do not, not to like avoid having to pay the costs. That's not, that's not there, that's not on the table. But there's so much we can do to organize that differently so that we don't have most of the human populations and most of the non-human populations of the earth conceived of as just refuse.

PARIS ([00:32:35](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Yeah. So today basically p is for panic, which is the <laugh> word of today. So you dive into the etymology of this word. What does this word in particular, work in the context better than something that feels less anxiety inducing?

IRA ([00:32:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Hmm. Yeah, that's a really great question. Thanks, Paris. I, you know, no one word is necessary. People, like, they sell their word and you see this all the time. They're like, well, it's this, it's not that. It's like, yeah, no one word is necessary. This is a useful word, and here's why I think it's useful. Mm-Hmm. <Affirmative> I think most people on some level are feeling something awfully like panic. And I think that in general, I mean, it's certainly been one of my own experiences, kind of going back to the accident, going back to some life experiences long before that. Like, in general, we do better when we start by acknowledging the feelings that we have and trying to understand if they're reality based. Not all feelings are like intensely reality based in the moment. But some are, and we do best when we start by saying like, what is the kind of sensibility that a lot of people are having?

IRA ([00:33:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And I think like two of the core sensibilities a lot of people are having right now around the world are something like panic and, and something like disaffection or ennui, a sense of like, mm, the great refusal, no, thanks, I'm out, et cetera. And I, and I think like, actually that latter in terms of like social possibility is much more concerning, right? That latter says like, we kind of just retreated ourselves and like, just hope, hope that things don't get too much worse before we die. <Laugh>. I mean, the, the former is like, well, panic. You could do something with, and in fact, etymologically, "panic," in the ancient Greek word world, the word literally is something that people do things with. It goes places. And so, so what I want to get at in the book is to think about how we panic wisely.

IRA ([00:34:49](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

How can we do collective things with this kind of experience of a sort of a crushing inability to deal with just how bad things are? How do we do something with literally that? 'cause I think when we, when we're able to collectively navigate really hard experiences, we're really powerful. And that's where the invention resources of rhetoric come into play. We feel things together, and we feel hard things together. And that puts us in a place not to like, be like, read a book and be like, oh, phew, woo, thank goodness, whoa. Hey, it's all better now. It's like, no, it's not, you're not gonna read my book and be like, oh, it's all better now. It's not gonna be all better. And spoiler alert, even if you, you read somebody else's book that makes you feel like it's all better, it still won't be all better <laugh>. And so the question is, how do we like live with the feelings that we have so that we're richly embodied people, and that we can be open to like the, the broad set of sensibilities that people bring to their panic in ways that allow us to invent new social structures. And that's the bottom line, is inventing new social structures that don't treat anybody as waste. Yeah.

ROBIN ([00:36:08](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So...the crisis, sorry, go ahead.

IRA ([00:36:13](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

No, no, sorry, sorry, sorry. That's okay. I was just,

ROBIN ([00:36:18](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

So AI is one, I think about one of the crises you mentioned that I think about because you know, we hear a lot about it in academia because and I think people don't panic in any productive way about this, because a lot of academics, well, at least administrators anyway, are like, oh my God, the kids have gonna have a new way to cheat <laugh>. Then some people are trying to figure out, oh, how can we use this tool efficiently? And others are, you know thinking about more sinister uses. So they're not really thinking about this smartly. People who study this for a living aside <laugh>, because there are people who study this, who I think are thinking about all of these things in the right way. Then you have working class people who tilt toward the, oh my God, the machines are gonna replace us. And that, like, there's not really a question there. What can you do with that <laugh> <laugh>

IRA ([00:37:13](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

That is classic Reviewer Two? Here's some stuff, here's some stuff care

ROBIN ([00:37:17](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

For that is going on in my head. And yeah, do what you do. Yeah.

IRA ([00:37:22](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Here's some stuff I do not care for. No, look, I'm with you. Okay. I think a lot of our, a lot of, a lot of times when we start to feel panic, we don't, we don't stay all the way, we don't give it time to unfold as a feeling. And I think this is true for a lot of hard feelings. Like, I mean, I'm not,

IRA ([00:37:44](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Not to be overly Hegelian (German philosopher) slash like, sensitive, new age guy, both at the same time. But like, you, you, you have to tarry with the feelings. You have to be present for a while with hard feelings as they unfold. And I think a lot of the way that people respond to the AI revolution is like, they, like, they're like, oh my God, this is really scary. How do I make that go away? Well, the easiest way to make a scary thing go away is to put it into a slot that you already have. So you're like, okay, cool. Let's put it in the plagiarism slot. We already have a set of ways of thinking about that, dealing with that, making sense of that. We'll just put it there. Now, that's not to say that AI doesn't actually have pretty significant consequences for who owns writing, how people navigate the production of symbols.

IRA ([00:38:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

It has really significant consequences for that, right? Including for student learning. Yeah. But the desire to just put it in the plagiarism box is, in my view one of those things that comes out of trying to make the panic go away. And we see a similar desire, you see a lot of, on my social media, I see this all the time, a lot of like, oh, it's just like a calculator. It's just like a calculator. It's like, no, it's not just like a calculator. Also, calculators weren't just like, calculators, technologies reshape human experience. <Laugh> yeah. And this is a pretty big one because what the kind of human experience that's at stake is the experience of meaning making and symbols. And if that can be produced automatically with relatively little human input, then the question of how we receive symbols gets thrown into question.

IRA ([00:39:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And I'll just, like, I'm gonna get like a little excursus on this, is think about lying, okay, why is lying bad? Like, why is it bad? It's bad because it breaks language. We all have to more or less believe that most of the time other people are referring truthfully. Mm-Hmm, <affirmative>. Now, why do we have to believe that? Is because it's the only way we can use language to coordinate activity. If I think every time you say something, it's, you're just saying things, I become unable to coordinate activity with you. But if I don't know at any given moment, if there has been some truthful intent to reference the world, so if Paris says wow, that tree is beautiful. I don't know if Paris is referring to a tree, like what I would agree as a tree. I don't know if Paris is referring to an experience of aesthetics that I could apprehend through my own sense of what beautiful means, et cetera.

IRA ([00:40:32](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I don't have any, any way to know what that is. I can't do something with Paris. I can't apprehend Paris' Paris-ness in ways that are going to let us do, you know, make good things together in the world in some way. And so some of the danger with AI, it's not, you know, there are real concerns about like how we do our various traditional things, but, but we stop short of the much bigger set of concerns that I think is and should be panic inducing which is really about like, how does human meaning making happen when it's possible to produce one of our characteristic, in fact, probably our most characteristic way of making meaning? Without us. <Laugh> Or with very few of us. Think, think about how unhappy you are if you have find that you have been engaging with a bot on Twitter or somewhere else on social media.

IRA ([00:41:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You're like, what the? And then, and then scale that up to vast swaths of human communication. And there's also questions about like, you know, certainly economies and job loss is a non-trivial question. I think IBM last year, paused company-wide hiring, all hiring earlier this spring as they tried to figure out which parts of which positions are automatable. And, there's a, again, there's a lot of like holding panic at bay. The people do, and they do it by putting things in boxes. And so they say like, oh, well, you know, AI can't replace this worker and they can't replace that, so on and so forth. It's like, yeah, that's true, but companies don't hire this person and that person, they hire this collection of tasks. And so if a bunch of these tasks can be automated and you can't replace this one position, 'cause it does these special things, but you might not need like seven people who are doing that, you might be able to get away with one part-time.

IRA ([00:42:44](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And that that's not non-trivial. And I think, I mean, now I don't wanna oversell that because the history of automation, essentially the history of producing technological capacities for automating, and then those not in fact being fully implemented for various reasons. Mm-Hmm. <Affirmative>, right? We, you know, we could, we quote unquote all the, all the automation that we're seeing in retail and and service industries in the last few years, a lot of that is stuff that was technologically feasible 15 years ago. It's not really all that new. It's, there's, so there's not like the existence of a technological capacity necessarily cashes out in a radical restructuring of political economies. But I think the fact that the, the bar to entry for capital speculation in AI is actually pretty low. Essentially, all you just need is a bunch of money in a huge data set.

IRA ([00:43:42](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You don't have to build a new factory. You don't have to retool machines. You don't have in terms of like material infrastructure, right? If you think about how capitalism works as a system, capital gets realized through investment in new operating systems, so to speak, both, like literal factories and also say software like Windows. It through investment in the development of new operating systems that allow for value accumulation over and above the cost of labor and operation, right? And the bar for entry for let's say creating an automated checkout system at a grocery store, which it's itself very similar from one grocery store to another, which is part of why we've seen that happen pretty quickly. But the bar for entry, even for that, is relatively high. You have to create that little chunk of material world.

IRA ([00:44:43](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And in order to do that, you have to invest in an actual plant that does that, or you have to retool your plastic printing to do that. You have to do a lot. Whereas by contrast, for a lot of ai, what you need to do is you needed, you need a a, a data processing center. You need an a$$ load of Nvidia chips. You need, you need a bunch of stuff that you can kind of, and, and I don't wanna oversimplify it 'cause it's actually the scholar Kate Crawford in, in her book Atlas of AI writes I think brilliantly about the material infrastructure of Ai. So I don't wanna oversimplify this, but it is a much lower bar to entry for capital speculation than many of the things that we've traditionally thought of as automation. And what that suggests, and I don't want to like forecast this too strongly 'cause I don't know this of course, but what that suggests is that we'll see a more rapid implementation of, of automation than we probably do in the areas where the bar for entry for capital speculation is higher.

ERIN ([00:45:57](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. So, circling back sort of to the, the human element of this, you argue that collectively we have to design better next worlds or afters, and you have some specific things like solidarities, disruptions, novelties that you say can be the basis for practical action. Can you take us through some of those,

IRA ([00:46:22](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Those, yeah. Yeah. Thanks. So, I lay out what I think, and these are not like exhaustive, right? <Laugh>, but there are there four, four strategies or tools for humanizing that I think can be useful. And that is solidarities, sustaining disruptions, developing novelties, and practicing archaism. And none of these is like an unalloyed good. Each of these is a site where we can do different things communally than we regularly do. So, for instance, in terms of solidarity, it's really cool, I think, to think about the WGA and SAG after strike. As so the writers, the writer strike and the after strike as creating solid, realistically, new capacities for the rest of us to navigate what AI will mean. One of the core elements of those strikes is about preventing the studios from replacing human writers and actors with machines.

IRA ([00:47:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

It's, I mean, it's a John Henry (hero of a folk ballad about a human steel driver vs. machine drill) situation now. Things didn't go so well for John Henry (Henry won the race and then died). Actually, if, if you remember the song and, and I don't know what the outcome of those strikes is gonna be. I'm hopeful, but not optimistic. (SAG-AFTRA membership officially ratified the contract in Dec 2023). But no question the fact of those strikes, which is something why we should all be in solidarity with those, by the way, even if you wouldn't automatically be the fact, I mean, I kind of automatically would be, so that's easy for me to say, but seriously, even if for a person who's like, oh, I don't like unions, blah, blah, blah. Even that person should be in solidarity with these, because what these are about, at the end of the day, is the role of humans in creative activity.

ROBIN ([00:48:17](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah.

IRA ([00:48:18](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And what they're doing is creating more space for the rest of us. And that's what solidarity does. Solidarity creates new possibilities of connection that didn't previously exist. It's incredibly powerful. Sorry, I get verklempt. No, but seriously <laugh>, I think like this is, it's...there's so much possibility that comes out of that sort of thing. And I, I won't go through all, all of the others, but I will just say really quickly and, you know, we re we had to reschedule today's episode in part because of climate change driven severe storms in your area coming to you.

ROBIN ([00:49:01](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I was outta power for two days, <laugh> two full days. And that was that was the least of some of the problems around here. So,

IRA ([00:49:12](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And this thing of what's at stake here in our very small way, we just kind of rolled with the punches there. We're all like comparatively privileged in terms of what, what access to material resources we have our ability to reshape our schedules, blah, blah, blah. Not so say for kids who are crawling across, stopped trains on the tracks on their way to school. I was just reading about this the other day. So what sustaining disruption in my mind is about, is about not just like, okay, we roll with the punches here, but something a little bit bigger, which is, as things get worse and things will get worse, the temptation for more people wherever they are, is going to be. 'cause It often is to just buy into somebody who's like, I will fix it.

IRA ([00:50:08](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I'll make it better. It's gonna be better. I'll fix it, and I will fix it for us. Because actually it's those people over there who are it up. So I will fix it for us. And I think about this, 'cause I live at the, the wildland urban interface in a fire zone. I think about this in terms of forest fires. I think about it in terms of homeless residents or unhoused residents who are forest dwellers. Some, some totally volitionally, some because they can't afford to be anywhere else. And the number of people who find themselves living in the forest, either volitionally or not. So volitionally increases all the time, and it increases in ways that increase the likelihood that somebody somewhere along the line starts a fire. There's no way around that. And the question is, what sensibilities, what communal practices, what ways of being together can we pursue right now so that the next time there's a horrific wildfire that threatens or burns my house?

IRA ([00:51:15](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

I don't fall into the temptation of being like, oh, those, those people, those people in their badness. Yeah. Yeah. And this is a hard thing. It's easy, it's easy in principle to suppose one's self immune to the lure of fascism. But in practice, when your sh#t is threatened, it's hard. And so what sustaining disruption is about, is about finding modes of community now where we still have comparatively better times that sustain us as people who don't buy into some of the worst kinds of political narratives, the most dehumanizing kinds of political narratives as things get worse. And again, like so in my usual ebullient gloom I'm actually very, very optimistic about our capacity for doing that. Like yeah, things will get worse. Yeah. It will be tempting for many people to buy into really, really awful narratives. And right now, literally right now, if we panic wisely enough, we can produce different conditions.

ROBIN ([00:52:21](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Right. I, I think ebullient gloom might be a good phrase for us to sort of almost end on there. I do very much appreciate you joining us today, helping us think through all of this. And thank you so much, IRA, for joining us. Thank you. Emergency Librarian. Yeah. Thank you for sticking with us. Oh, <laugh>, of course. Yeah. <Laugh>. And now we are heading over to Check This Out.

IRA ([00:52:47](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Thank you so much,

Speaker 6 ([00:52:49](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>.

PARIS ([00:52:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Hey. Hey. Welcome back everyone. Thanks for hanging around for our special discussion on media literacy and how it intersects with some of the world's most pressing global crisis of our time. I'm your host, Paris Whelan, and with the help of a familiar face, welcome back, Robin <laugh>, we're diving into the importance of being informed and discerning in the face of challenges like global warming and other topics brought up today. Right?

ROBIN ([00:53:20](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Indeed. And yeah, media plays a huge role in shaping how we perceive these issues. Global warming, let's just pick one thing. The climate crisis in particular there's a lot of information you can find out there. Some of it is accurate, some of it is not. Mm-Hmm. <affirmative>. And it's crucial to know how to tell the difference.

PARIS ([00:53:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah, yeah. For sure. And you know, the media is absolutely amazing at developing these headlines that can really hook you with their fancy creative language and even their inaccurate narratives that kind of speak to you and like your pettiness a little bit. You know, it's known as signalized news, you know? However, though media literacy helps us dissect those complex media messages and even those scientific reports or graphs and things that they put up on the news for us to, you know, somehow dissect in a couple of seconds, you know? And hopefully with media literacy, we can make informed decisions about our health and the environment.

ROBIN ([00:54:17](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. And I mean, sort of as we've already already covered AI is just gonna continue to become more integrated into our lives and media can fuel misconceptions and and be a useful tool in helping us navigate that. Mm-Hmm. <affirmative>. So being media literate empowers you to engage in meaningful conversations about all of the intricacies around these topics.

PARIS ([00:54:39](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Yeah, absolutely. And you know, how could we ever forget about AI being in higher ed? It's like been the topic of the last semester between our, like working rooms and research guides and, you know, even the website we have to help understand and encourage responsible use of generative AI. But anyway, with all these things happening I did tune into the news intentionally this week to kind of prep for this episode. And in light of all of my privilege, I was able to <laugh> into weather, into the New York Times. I didn't even look that hard. And as predicted, you know, I ran into all of the most recent crisis, you know, the typhoon that devastated Japan and South Korea, the wildfire fire that's going on in Maui, and now there are like water system that's collapsing. There was even a little bit about the flooding in northern and northeastern China, which I knew nothing about.

PARIS ([00:55:29](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And then I like ran into tons of articles about censorship. So beyond that, we even had our own problems that we talked about earlier. Knoxville was having a hard time with whether we lost power, there was flooding. We could say that this all is or isn't related to global warming, but we can probably all agree that something is very wrong, right? Yeah. So, how do I keep from spiraling, you know, in this doomsday situation for me, I spend a lot of time seeking out information so that I can come to an understanding about what's happening and what I can do realistically.

ROBIN ([00:56:06](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Right? The doom spiral is real. And so what we wanna do here is provide some practical tips to help navigate the information overload and evaluate all of the news that you are attempting anyway to digest.

PARIS ([00:56:21](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah, yeah, for sure. So, of course, you know, we're gonna start off with our search terms. These are some of those terms that stood out to me maybe I was unfamiliar with, or I needed some more context, but most of the things I actually got from Dr. Allen's forthcoming book "Panic Now," I got from his footnotes. And also I followed the bibliography or the references from other sources that I ran into along the ways. Now Robin, as a seasoned researcher, do you have anything to add when it comes to search terms here, or even beginning with an article or post that our listeners may want more information about?

ROBIN ([00:56:58](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Well, I would just say for those of you who don't know where to start, you know, head over to the library visit with a librarian or other information professional practitioners are a good option. Those are people who are experts in a particular subject matter. And the beauty of a subject specialist assisting you is you get that very specialized references, resources and services that, that you're gonna need. Other good places to start on sort of on the academic side, you can start with Google Scholar. You can go to an organization's website and sort of, you sort of hinted at it once you found a particular source, check out the references and dig deeper into those. Because usually when a scholar like Dr. Allen is creating a book, they're looking at a whole bunch of other stuff to sort of pull together their arguments.

ROBIN ([00:57:49](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Mm-Hmm. <affirmative>. And don't discount Wikipedia either. Those, a lot of those articles have a list of references to help you dig deeper into a topic. Wikipedia gets a bad rap, particularly among some librarians. But if you don't have any knowledge at all on a particular topic, it's a great place to start. It could give you some keywords and it just, just really help you sort of figure out where to start on, on digging deeper into a topic. The key here, I would argue, is being completely honest with yourself about what you do know and what you don't know.

PARIS ([00:58:25](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Did y'all hear that? What you do know and what you don't know, pay attention. It's okay. There will be holes there, but that's okay.

ROBIN ([00:58:33](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Us of us there, all of us have stuff. We don't know anything about

PARIS ([00:58:36](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>. Right? Right. Yeah, <laugh>. So, you know, with that being said, let's focus on evaluating these sources. You know, probably by now you've got loads of information from different articles, some of which probably contain conflicting and questionable information and claims, right? So, first we need to verify our sources. You know, we need to check if the information comes from a reputable place. You know, informa misinformation can spread like wildflower fire, not wildflowers. So don't

ROBIN ([00:59:03](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Share something wildflower spread pretty hard, too. <Laugh>. True.

PARIS ([00:59:05](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

You know, true. You know, <laugh>. So don't share something until you're sure that it's accurate, unless it's wild. Flowers. So here are gonna be some questions you might ask about your sources to kind of dig into the quality or the validity of said sources. You know, so who wrote this article or provided this data set that you're looking at, you know, who the, who are they associated with? What is the goal of the sponsor or the funder of this research? Okay. In this particular case, you know, you might wanna know more about the Governor Sununu, which is someone I ran into along the way when I was doing research in this. And you might wanna figure out his stance on global warming. You know, you also might have your own opinions on some of these topics as well. Just remember to kind of check in with those preconceived notions and what those sources might be as well,

ROBIN ([00:59:57](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Right? And pay close attention to the context. Headlines can be misleading. So you wanna dive deeper into the article. Actually read the article. So don't just look at, look at the headline you see on social media, and then get mad at the headline. And then start start spouting off everywhere. 'cause This, you, you don't wanna, you don't wanna be that person.

PARIS ([01:00:16](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Talk louder for the people in the back.

ROBIN ([01:00:18](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. <laugh>, here's some examples of headlines that can grab your attention. But I mean, the end of life on Earth, that's, I mean, I mean, come on, <laugh>. We were just talking about the fact that things are not going well, but like, just settle down, <laugh>, take a deep breath and think this through. They can be biased, they can be completely inaccurate. But yet publisher, who's the publisher of this, what organization is publishing this? Do they have a particular a particular bent particular reason for taking this particular tack on the story? Mm-Hmm, <affirmative> is, is it an opinion piece? Are they at least attempting to be objective? Is it current? Is is a key thing. 'cause I've seen so many things particularly over the last couple of years where people are sharing stuff from like five years ago, and it's like, yep, we all knew that already

PARIS ([01:01:16](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And it's outta context too. So,

ROBIN ([01:01:18](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

And it's outta context <laugh>. Yes. Yeah. Completely outta context. Out of its time, out of its context. It's not attached to actual reality anymore. Yeah.

PARIS ([01:01:28](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. And speaking of headlines there's actually a great Netflix documentary that's I think it's called How to, how to Become a Tyrant. How to Be a Tyrant. But there's an episode on Joseph Stalin, and one of the things I remember coming up there's this version of this quote, and it's like, "control the narrative and control the people" and Yeah. Yeah. So this is absolutely why critical thinking is key in combating misinformation. So this means skillfully questioning and analyzing information from those various sources to determine its accuracy accuracy, it's credibility and potential biases. You know, again, we're not just accepting information at its face value, and this includes those data sets. They pop up on the screen really quickly. Those graphs that like seem to be very clear, but you're like, I don't think these things correlate at all. And even scientific papers, just because Exxon funded a survey on something doesn't mean that it's unbiased and they don't have other things at the back of their minds, you know? So ask these questions, dig deeper and don't be afraid to challenge what you read it here. The worst thing is you might be wrong and you can just be like, ah, my bad. And <laugh>, you, you know, and then correct me, <laugh>, change your outlook a little bit, hopefully.

ROBIN ([01:02:43](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. And, and I think the key point there is that media literacy isn't just about consuming information, but actively engaging with it. Yeah, yeah, yeah. 'cause We're facing global challenges here and we're all trying to not navigate media landscape that's evolving. And I, I think it, you know, coming at that with in good faith is, is the way we, is the way we sort of move forward through it.

PARIS ([01:03:07](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Absolutely. And you know, the more media literate we are, the better equipped we are to make informed decisions and contribute meaningfully to finding solutions or ways to deal with the current ongoing crisis. Right. So hopefully y'all can use these tips we provided to help you become an informed consumer of these heavy topics and know that your activism, no matter how big or small, is absolutely necessary.

ROBIN ([01:03:30](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yep. We've got crises that demand, our attention, our understanding, and as our guest scholar noted, our action. This media literacy is one of our big toolkits for deciphering truth or noise. And as you think through all of these, these crises let's, you know, let media literacy be your guide, sharpen your skills, ask questions, challenge assumptions.

PARIS ([01:03:54](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

Yeah. Real talk. I second that. And I also encourage all of you to take a look at what's going on around the world today. Not only the natural disasters, but the opportunities to come to terms what's been done and what your contributions towards a better future might look like. Okay. So that brings us to the end of the check this out segment. You're not just a passive observer, you're an empowered agent of change. You know, tackling global challenges. One informed step at a time. Right. Be lit. Until next time, we're out. <Laugh>

ROBIN ([01:04:24](https://www.temi.com/editor/t/btITKoVfblZGsUxi7zHnWO1SLmU1PnZ4_6XOyUC3JDXgg-D58dQ7_vgX4OGAZ6V_NejKS5OZ67JZBVd5cklgq4LF1WA?loadFrom=DocumentDeeplink)):

<Laugh>. Yeah. That's all we have for this episode. Thank you for watching and we hope you will join us again for more.