Komuniciranje vročine

Zala Velkavrh / Prostorož

prostorož

PORODNIŠNICA LJUBLJANA

(Nedeljski dnevnik) Tako je vroče, da se dojenčkom še jokati ne ljubi

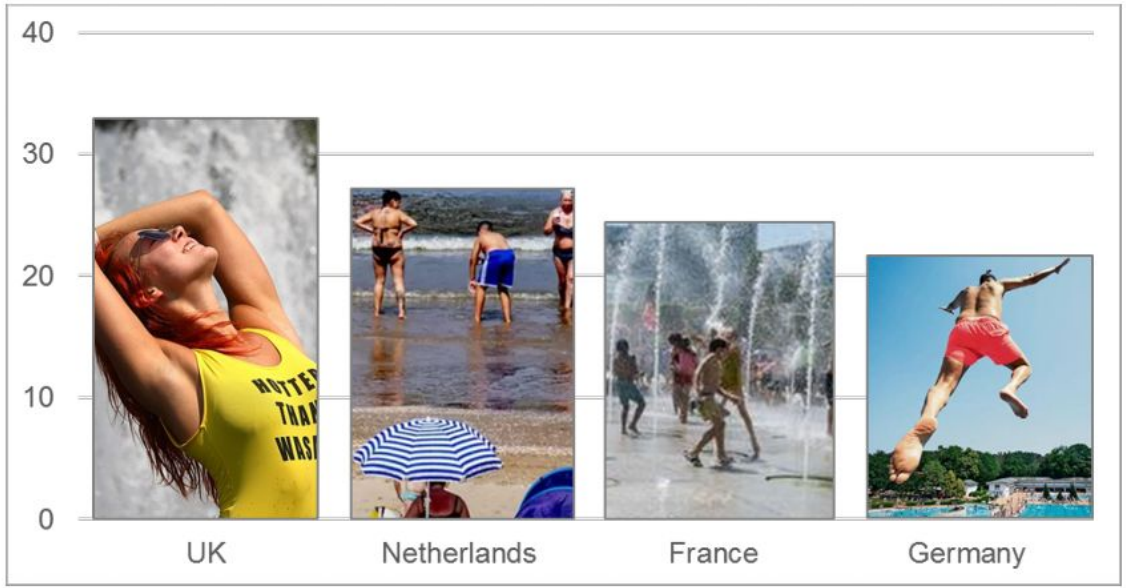
Meta Černoga

10. julij 2022 12:45
10. julij 2022 15:39
Predviden čas branja: 6 min

Iz tiskane edicije
NEDELJSKI

V ljubljanski porodnišnici odslej štiri nadstandardne sobe – Povpraševanje že sedaj veliko, a rezervacij, kot pravijo, ne bo.

Medicinske sestre in babice v ljubljanski porodnišnici pravijo, da mlade mamice v teh vročih dneh pogrešajo predvsem klimatske naprave. V prostorih je tudi 30 in več stopinj Celzija. (Foto: Jaka Gasar)



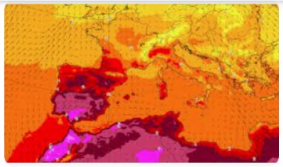
Percentage of media images depicting the percentage of positively valenced ‘leisure activities in or by water’, by country.

O'Neill, S., Hayes, S., Strauß, N., Doutreix, M., Steentjes, K., Ettinger, J., … Painter, J. (2022, May 5). Visual portrayals of fun in the sun misrepresent heatwave risks in European newspapers.

O'Neill, S., Hayes, S., Strauß, N., Doutreix, M., Steentjes, K., Ettinger, J., … Painter, J. (2022, May 5). Visual portrayals of fun in the sun misrepresent heatwave risks in European newspapers.

Google vročinski val 2023

N1 N1
plohe in nevihte ...



24UR
Na Iberskem polotoku ta teden prvi ...

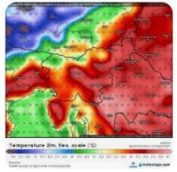
Maribor24.si
dvignile tudi do 34 stopinj Celzija

Reporter
val letos: temperature do 37 stopi...

Dnevnik
vročinski val | Dnevnik

SiOL
Prihaja vročinski val: to je ceno...

N1 N1
Iz dežja v vročino. Prihaja prvi ...



24UR
24ur.com

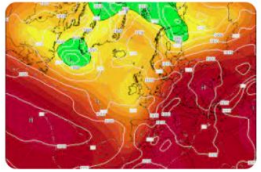
Neurje.si
VROČINSKI VAL: Kdaj govorimo o ...

Metropolitan
spremembe vremena ...

Dnevnik
vročinski val | Dnevnik

Delo
val v letošnjem poletju ...

Dnevnik
36 stopinj Celzija ...



Neurje.si
Prihaja nov vročinski val, temperature ...

SiOL
Priprave na vročinski val: v tej ...

Žurnal24
Srednjeročna napoved: Prihaja nov ...

Slovenske novice
Pred vrati prvi vročinski val: konec ...

Svet24
V teh krajih pričakujejo prvi vročinski ...

24UR
24ur.com

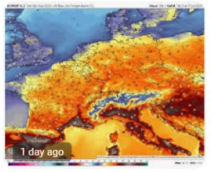
Postaja	Dolžina najdaljšega vala (dni)	Datum začetka vala
Koper	29	14.7.2022
Dobliče pri Črnomlju	22	3.8.2003
Podnanos	20	9.7.2006
Ljubljana - Bežigrad	17	28.7.2018
Letališče Portorož	17	28.7.2018
Bilje pri Novi Gorici	15	29.7.2018
Murska Sobota	14	28.7.2018
Postojna	13	2.8.2003
Šmartno pri Slovenj Gradcu	13	29.7.2018
Novo mesto	12	31.7.1994
Celje Medlog	10	15.7.2015
Rateče	8	16.7.2015

arso meteo
meteo.si - Uradna vremenska napoved za ...

Celje.info
gibale okoli 40 stopinj Celzija ...

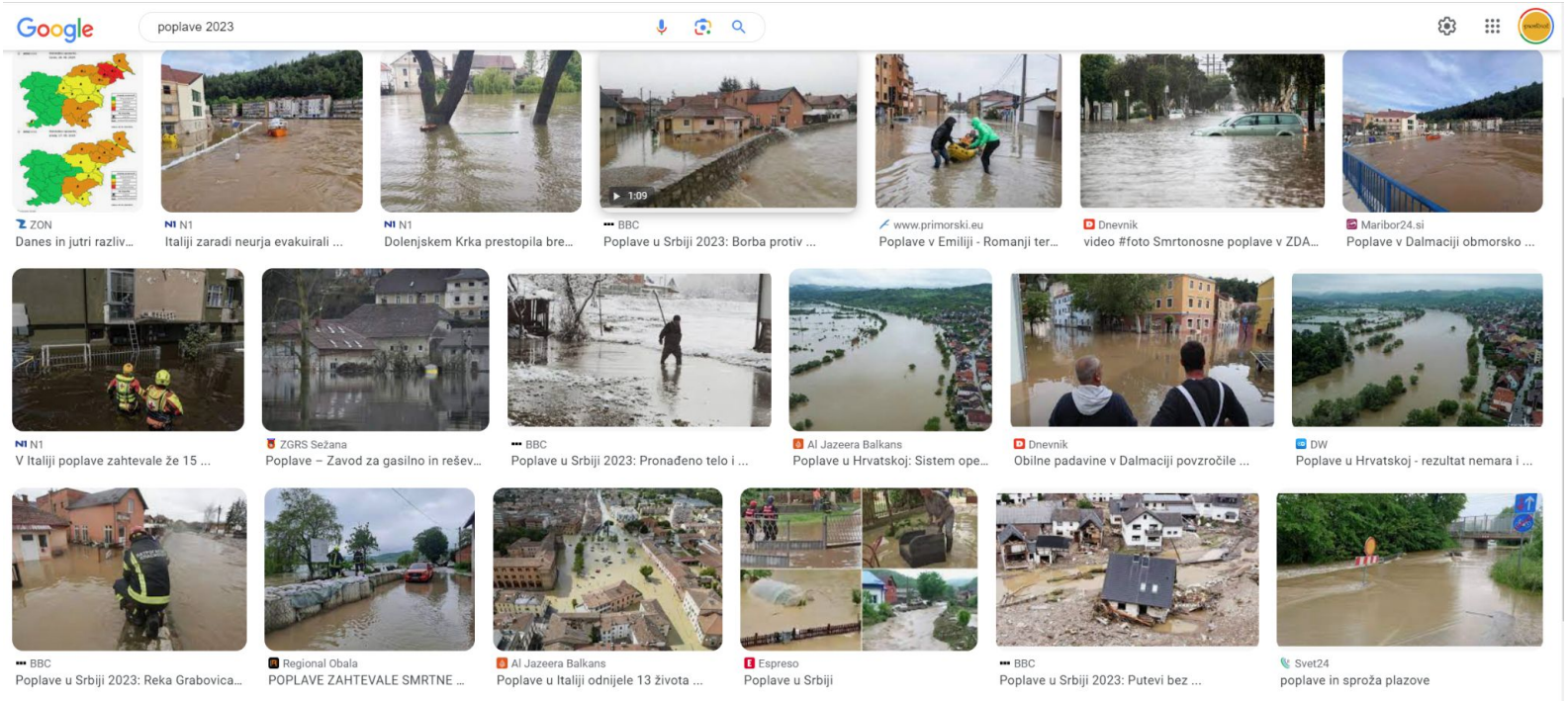
Bodi eko
Prihaja tretji letošnji vročinski v...

N1 N1
Junijske temperature so bile ...



Maribor24.si
Konec tedna bo naše kraje zaje...

Google.si: vročinski val 2023 (5.7.2023)



Google.si: poplave 2023 (5.7.2023)

“... heat is not only an issue for human health.
/…/ it covers many other aspects, such as animal health;
general health systems; and urban systems that sustain life,
including nutrition systems, circadian rhythms, walkability
habits, and inner/outer urban transportation infrastructure.”

Matzarakis A. Communication Aspects about Heat in an Era of Global Warming—The Lessons Learnt by Germany and Beyond. Atmosphere. 2022; 13(2):226. https://doi.org/10.3390/atmos13020226

Tipologija vedenjskih odzivov na vročinska tveganja

TABLE 1 Typology of heat risk behavioral responses

Category	Definition	Examples (source)
Information seeking	Expending time and effort to gain more information about heat-related risks, to identify one's risks, and gaining information about how to successfully adapt to heat risks	"Read about how to avoid heat stress during heatwaves" (Steentjes et al., 2020) "Watch weather forecasts" (Zhou et al., 2014) "Concern about health protection guidelines" (Ban et al., 2019)
Preparative actions	Structural actions taken before the onset of heat risks aimed at reducing the probability of being affected by heat risks, or minimizing the negative impacts of heat.	"Installing loft insulation" (Kent et al., 2013) "Having shutters" (Khare et al., 2015) "Getting fans, shades, umbrellas in garden" (Abrahamson et al., 2009)
Protective actions	Actions taken during heat risk events to avoid or reduce its impact	"Drinking water/fluids" (L. Williams, Erens, et al., 2019) "Turning on a fan" (White-Newsome et al., 2011) "Decrease activity" (Liu et al., 2013) "Use air conditioning at home" (Esplin et al., 2019)
Purchasing insurance	Purchasing an insurance policy that covers the negative outcomes of heat risks	"Medical insurance" (Huang et al., 2018)
Political actions	Influencing local or national government to implement policies aimed at reducing heat risks, including policies to mitigate and adapt to climate change	"Introducing tight regulations on buildings to be able to deal with hotter and drier weather (e.g. insulation, air-conditioning)" (Steentjes et al., 2020) Support for "Reducing carbon emissions to net zero by 2050" (Steentjes et al., 2020) "Upgrading our homes and buildings to be better insulated" (Kotcher et al., 2021)
Climate change mitigation	Individual or household actions that aim to mitigate climate change, for instance, by reducing greenhouse gas emissions	"Reduce flying for holidays" (Steentjes et al., 2020) "Eat less meat" (Steentjes et al., 2020)
Evacuation	Temporarily moving away from an area to avoid the negative impacts of heat risks; may also include leaving an area permanently if required	"Go to a cooler place" (L. Williams, Erens, et al., 2019) "Go to public place with air conditioning" (Liu et al., 2013) Leave home and go to a cooler place (Esplin et al., 2019)
Maladaptive responses	Doing nothing to reduce one's heat risks despite awareness, actions that increase one's risk, and/or expose others to greater vulnerability	"Did nothing different" (Hass & Ellis, 2019b) "Did not do anything differently" (L. Williams, Erens, et al., 2019) "Do some outdoor gardening during the day" (Akompab et al., 2013)
Helping others	Helping or protecting others or acting in ways such that other people are better placed to respond and adapt to heat risks	"Communicate heatwave alerts to other staff" (L. Williams, Erens, et al., 2019) "Ensure patients/clients and their carers have the required information on how to protect themselves" (L. Williams, Erens, et al., 2019) "Persuade relatives or friends to reduce their carbon emissions" (Steentjes et al., 2020)
Implementing institutional responses	Actions taken to implement or deliver institutional or business responses to heat risks	"Implement business continuity" (L. Williams, Erens, et al., 2019)

(i) Types of behaviors adapted from van Valkengoed and Steg (2019b). (ii) Please note, as discussed in this review, AC use may also be considered a form of maladaptive response in this framework, where appropriate.

McLoughlin, N., Howarth, C., & Shreedhar, G. (2023). Changing behavioral responses to heat risk in a warming world: How can communication approaches be improved?. Wiley Interdisciplinary Reviews: Climate Change, 14(2), e819.

Water Features

Spray Shower
Sprinklers and other kid-friendly water features for hot weather fun.

Drinking Fountains
Places to get a sip of water or refill your water bottle.

Outdoor Pools
Places to go for a swim and refresh during the summer.

Shade Trees

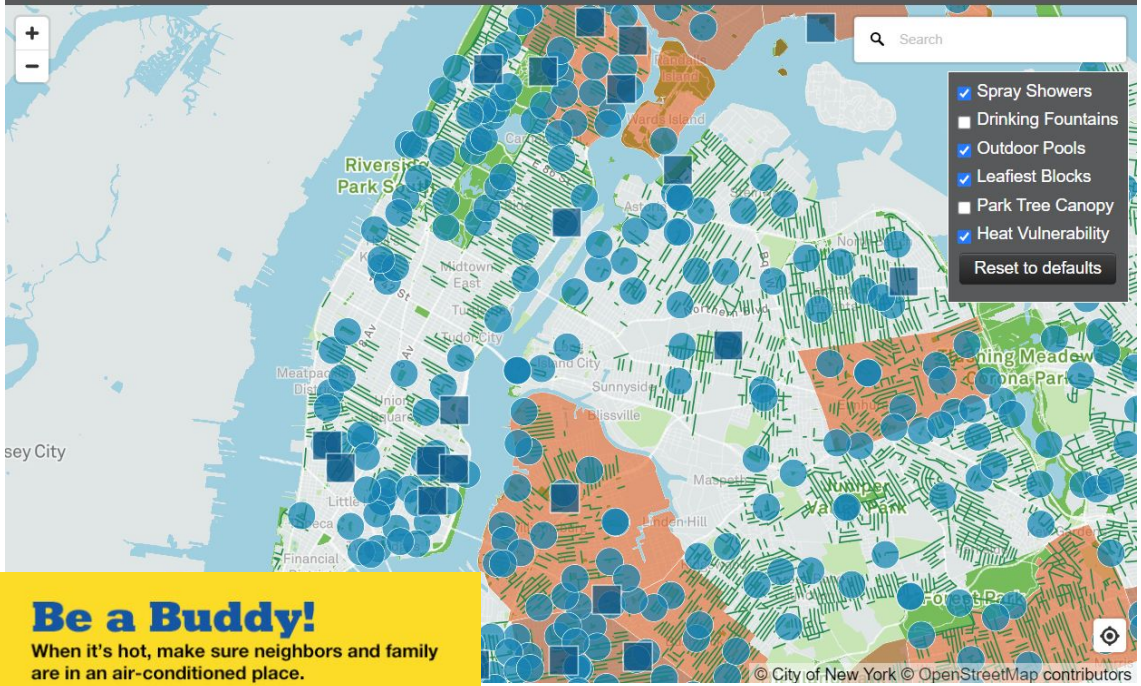
Leafiest Blocks
Visit these tree-friendly streets to enjoy the most shade on your next walk.

Tree Canopy
For cool rest and relaxation, head to these areas in NYC Parks with the most tree cover.

High Heat Vulnerability Index Areas

Heat Vulnerability Index 4
Community Boards with the second-highest risk of heat injury or death.

Heat Vulnerability Index 5
Community Boards with the highest risk of heat injury or death.



Be a Buddy!
When it's hot, make sure neighbors and family are in an air-conditioned place.

Athens Is Only Getting Hotter. Its New 'Chief Heat Officer' Hopes to Cool It Down.

Eleni Myrivili has been tasked with finding ways to help the Greek capital cope with ever-hotter heat waves that are expected to be part of life for years to come.

"Heat is an invisible and insidious killer," said Eleni Myrivili, Athens' new "chief heat officer." Eirini Vourloumis for The New York Times

New York Times, 2021

‘Zoe’ Becomes the World’s First Named Heat Wave

Blistering temperatures were ranked as a Category 3—the most severe tier—in Seville, Spain’s new heat wave system

By Chelsea Harvey, E&E News on July 26, 2022

Tourists cool off by a fountain at the Plaza de Espana (Spain square) during the second heatwave of the year, in Seville, Spain, July 2022. Credit: Jon Nazca/REUTERS/Alamy Stock Photo

READ THIS NEXT

PUBLIC HEALTH
Why Extreme Heat Is So Deadly
Tanya Lewis

CLIMATE CHANGE
How Hot Is Too Hot for the Human Body?
W. Larry Kenney, Daniel Vecellio, Rachel Cottle, S. Tony Wolf and The Conversation US

CLIMATE CHANGE
With Record-Breaking Heat, Europe Glimpses Its Climate Future
Chelsea Harvey and E&E News

CLIMATE CHANGE

Scientific American, 2022

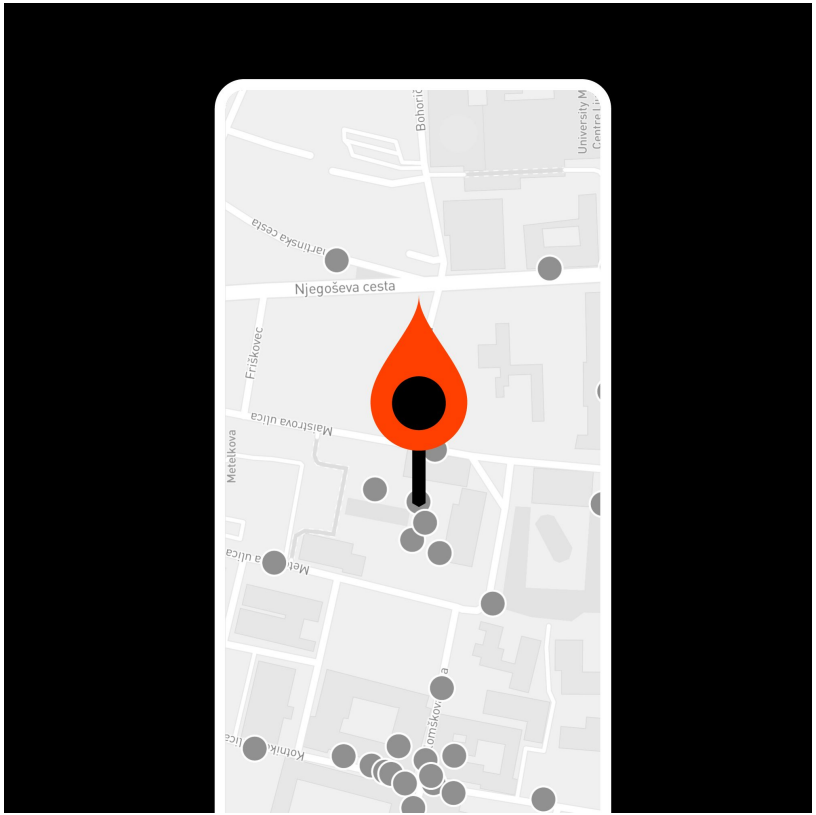
Coole Straßen und Coole Straßen Plus

Land Wien

Coole Straßen, City of Vienna, 2020

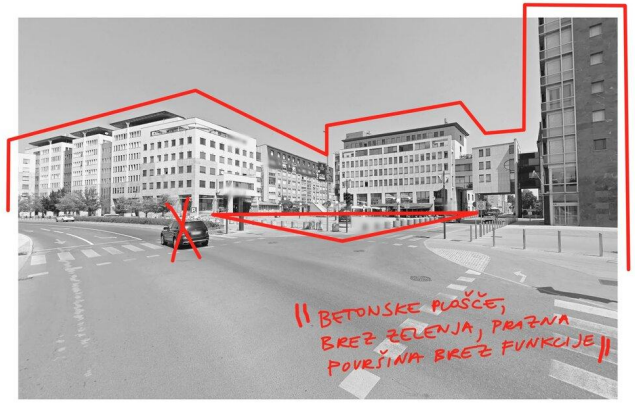
Inštitut za zdravje in okolje, projekt Ljubljanski ledenik, 2023

Ti je vroče?




"NI SE MOGOČE
IZOGNITI VROČINI"


"PEKEL!"


"BETONSKE PLOŠČE,
BREZ ZELENJA, PRAZNA
POVRŠINA BREZ FUNKCIJE"

Pick the route mode

Shortest path: I don't care about sunlight, I want to get there as soon as possible!

Shady path: I want to get there fast but staying cool

Vampire mode on: Avoid direct sunlight at all costs!

Are you thirsty?

Activate it to bring your route through a drinking fountain on your way

Need shelter?

Activate it to bring your route through a place to take shelter during high temperatures

Path results:

Lighter colors are sunnier

Cool walk, Barcelona regional development agency, 2021

C40 iniciativa županov: Kako naj mesta učinkovito komunicirajo o vročini?

1. Uporaba obstoječih kanalov in lokalnih komunikatorjev
2. Raznolikost komunikacijskih kanalov s poudarkom na doseganju najbolj ranljivih skupin
3. Izpostavljanje okoljskih krivic in disproporcionalnih posledic za določene družbene skupine
4. Povezovanje vročinskih dogodkov s podnebnimi spremembami
5. Spodbujanje sodelovanja strokovnjakov za podbena tveganja s strokovnjaki za komuniciranje

TABLE 1 Typology of heat risk behavioral responses

Category	Definition	Examples (source)
Information seeking	Expending time and effort to gain more information about heat-related risks, to identify one's risks, and gaining information about how to successfully adapt to heat risks	"Read about how to avoid heat stress during heatwaves" (Steentjes et al., 2020) "Watch weather forecasts" (Zhou et al., 2014) "Concern about health protection guidelines" (Ban et al., 2019)
Preparative actions	Structural actions taken before the onset of heat risks aimed at reducing the probability of being affected by heat risks, or minimizing the negative impacts of heat.	"Installing loft insulation" (Kent et al., 2013) "Having shutters" (Khare et al., 2015) "Getting fans, shades, umbrellas in garden" (Abrahamson et al., 2009)
Protective actions	Actions taken during heat risk events to avoid or reduce its impact	"Drinking water/fluids" (L. Williams, Erens, et al., 2019) "Turning on a fan" (White-Newsome et al., 2011) "Decrease activity" (Liu et al., 2013) "Use air conditioning at home" (Esplin et al., 2019)
Purchasing insurance	Purchasing an insurance policy that covers the negative outcomes of heat risks	"Medical insurance" (Huang et al., 2018)
Political actions	Influencing local or national government to implement policies aimed at reducing heat risks, including policies to mitigate and adapt to climate change	"Introducing tight regulations on buildings to be able to deal with hotter and drier weather (e.g. insulation, air-conditioning)" (Steentjes et al., 2020) Support for "Reducing carbon emissions to net zero by 2050" (Steentjes et al., 2020) "Upgrading our homes and buildings to be better insulated" (Kotcher et al., 2021)
Climate change mitigation	Individual or household actions that aim to mitigate climate change, for instance, by reducing greenhouse gas emissions	"Reduce flying for holidays" (Steentjes et al., 2020) "Eat less meat" (Steentjes et al., 2020)
Evacuation	Temporarily moving away from an area to avoid the negative impacts of heat risks; may also include leaving an area permanently if required	"Go to a cooler place" (L. Williams, Erens, et al., 2019) "Go to public place with air conditioning" (Liu et al., 2013) Leave home and go to a cooler place (Esplin et al., 2019)
Maladaptive responses	Doing nothing to reduce one's heat risks despite awareness, actions that increase one's risk, and/or expose others to greater vulnerability	"Did nothing different" (Hass & Ellis, 2019b) "Did not do anything differently" (L. Williams, Erens, et al., 2019) "Do some outdoor gardening during the day" (Akompab et al., 2013)
Helping others	Helping or protecting others or acting in ways such that other people are better placed to respond and adapt to heat risks	"Communicate heatwave alerts to other staff" (L. Williams, Erens, et al., 2019) "Ensure patients/clients and their carers have the required information on how to protect themselves" (L. Williams, Erens, et al., 2019) "Persuade relatives or friends to reduce their carbon emissions" (Steentjes et al., 2020)
Implementing institutional responses	Actions taken to implement or deliver institutional or business responses to heat risks	"Implement business continuity" (L. Williams, Erens, et al., 2019)

(i) Types of behaviors adapted from van Valkengoed and Steg (2019b). (ii) Please note, as discussed in this review, AC use may also be considered a form of maladaptive response in this framework, where appropriate.

McLoughlin, N., Howarth, C., & Shreedhar, G. (2023). Changing behavioral responses to heat risk in a warming world: How can communication approaches be improved?. Wiley Interdisciplinary Reviews: Climate Change, 14(2), e819.


THIS IS FINE.