

De mythe van apathie



Anne-Marie Pronk, ARK Rewilding Nederland, Klimatzuster
Najaarscongres Koninklijk Nederlands Waternetwerk, Metaalkathedraal 22 november 2024



ARK
REWILDING
NEDERLAND



[Klimaatpsychologie.com](https://www.klimaatpsychologie.com)

   verbinden - verhelderen - vergroenen



Klimaatverbond
Nederland



klimaat
persco





Zoek

weergave

Zonne-energie opwekking

- Zeer geschikt
- Geschikt
- Minder geschikt


Instraling

Geschikt dak oppervlak

kaart

open tabblad

Beverwaardlaan



zoninginstraling



weinig veel

Geschiktheid zonnepanelen: **Zeer geschikt**

Geschiktheid zonneboiler: **Zeer geschikt**

[Ga naar de berekening](#)



#truiAAN

EDUCATIE!

OVERHEID,
kom uit de kast!

DEEL wind

wees
zuinig
op wat
je lief
hebt

wacht
niet op
anderen

Altijd
overal
21 graden
is als de
hele dag
snoep
eten

noe mij maar
een
dekentje

BEGIN!

Ik wil mijn trui aan,
maar het kantoor is te warm

consumeer
minder
&
beter

ledere
ZONNEP

STOP
de verspilling

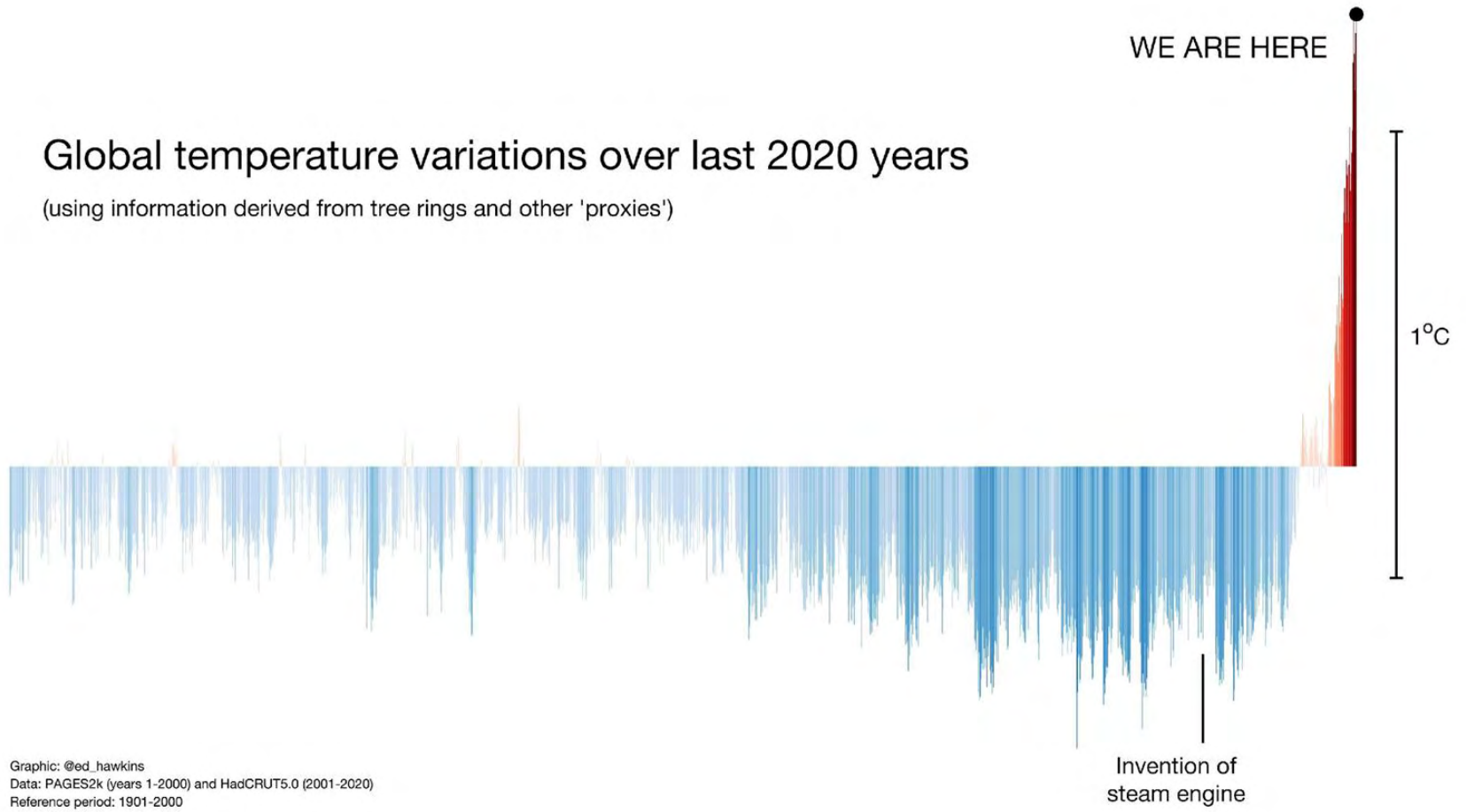
GENOEG
GEPRAAT

ACTIE!

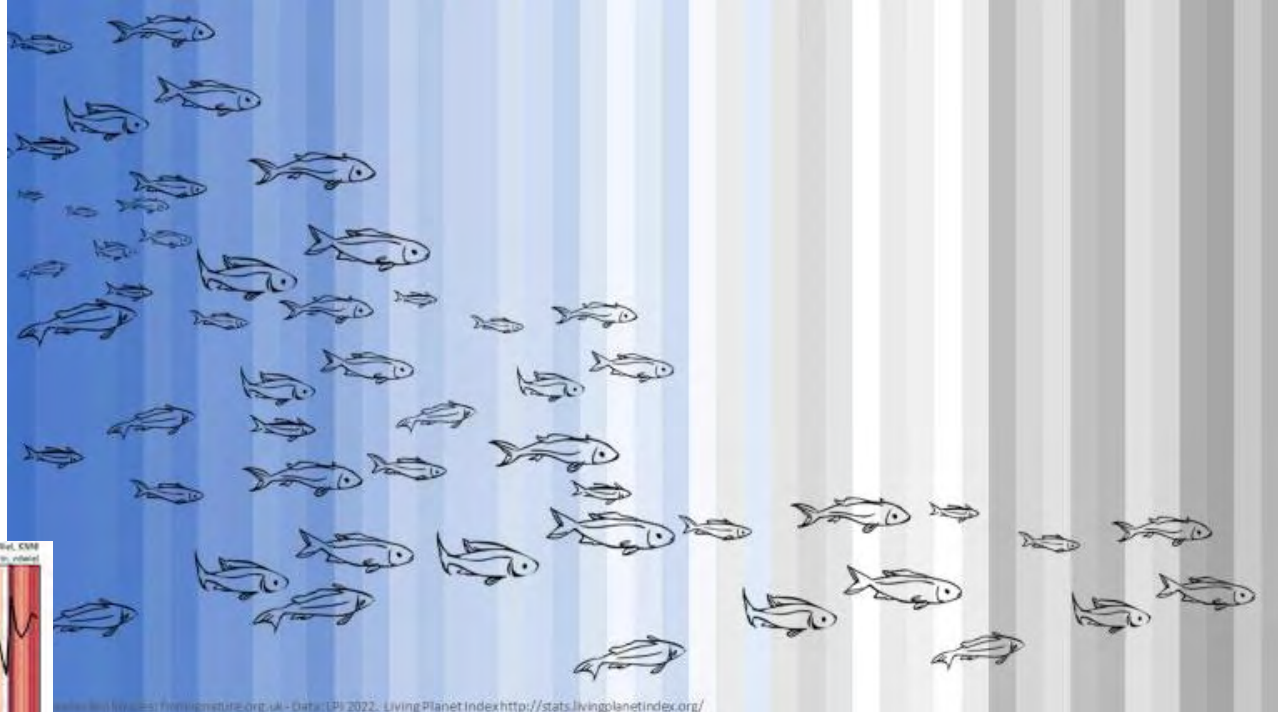
DOE JE

Global temperature variations over last 2020 years

(using information derived from tree rings and other 'proxies')



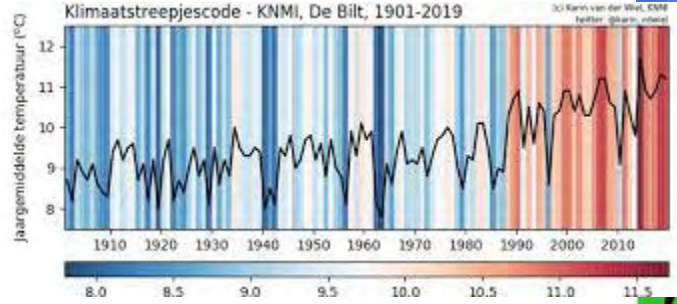
Graphic: @ed_hawkins
Data: PAGES2k (years 1-2000) and HadCRUT5.0 (2001-2020)
Reference period: 1901-2000



Global Bio Stripes: indexofnature.org.uk - Data: LPI 2022, Living Planet Index <http://stats.livingplanetindex.org/>



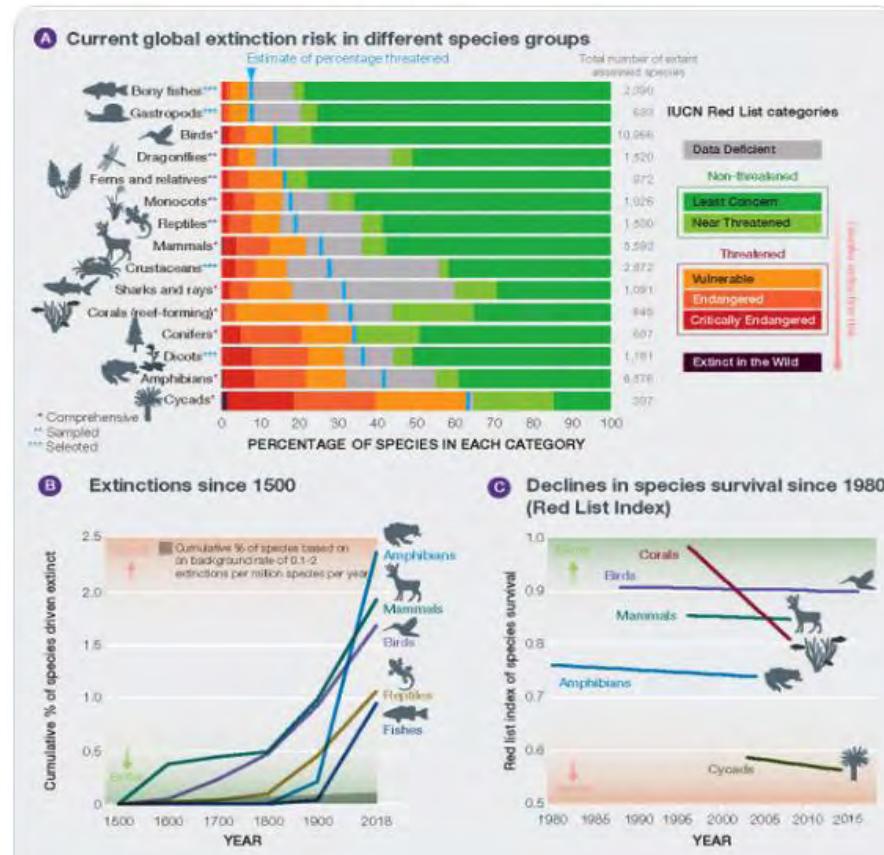
Global Bio Stripes: indexofnature.org.uk - Data: LPI 2022, Living Planet Index <http://stats.livingplanetindex.org/>



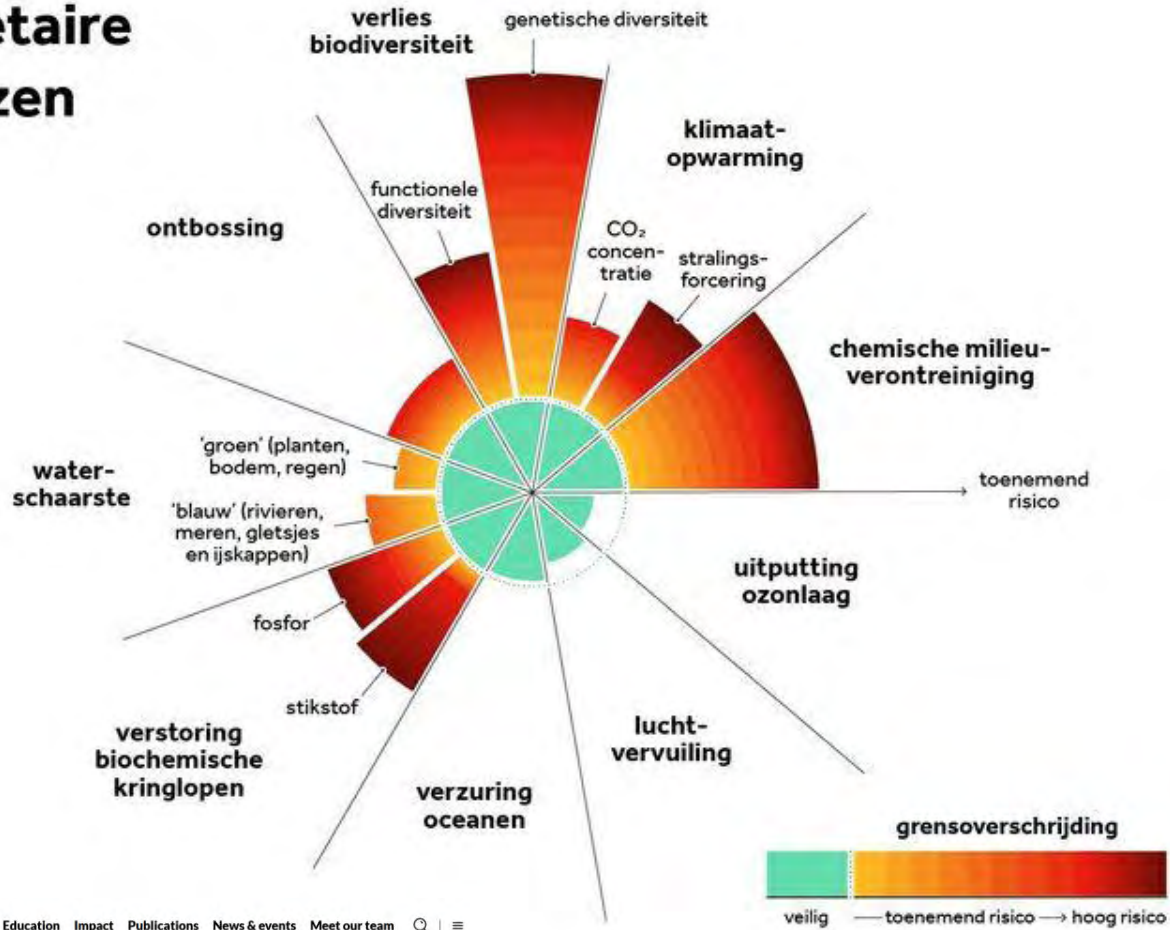
The global rate of plant and animal species extinction is already at least tens to hundreds of times higher than the average rate over the past 10 million years and it is accelerating 📈

Learn more from @IPBES #GlobalAssessment:
ipbes.net/global-assessm...

Tweet vertalen

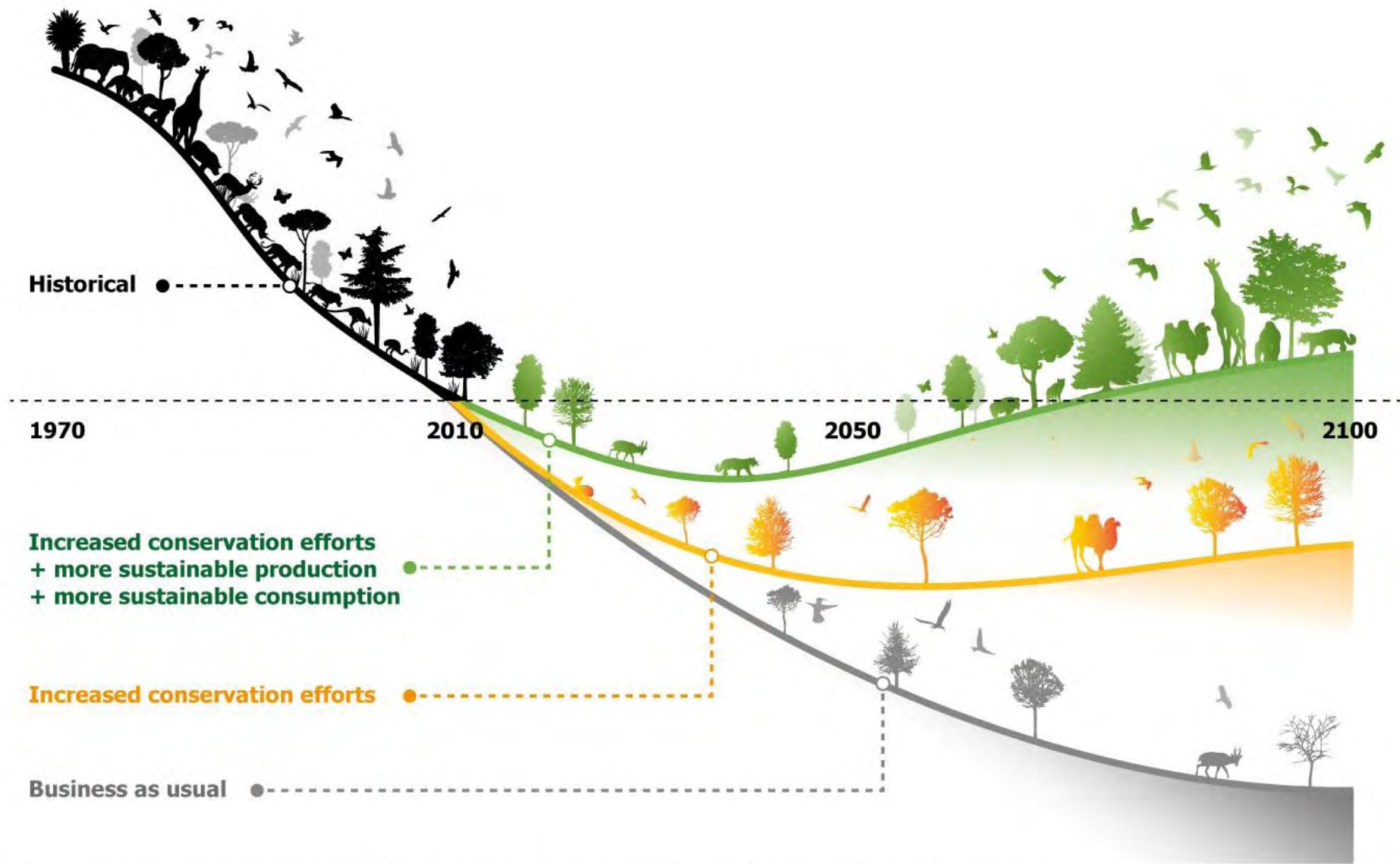


Planetaire grenzen



Planetary boundaries





This artwork illustrates the main findings of the article, but does not intend to accurately represent its results (<https://doi.org/10.1038/s41586-020-2705-y>)





GEDRAG



Robert Cialdini

- Autoriteit
- Schaarste
- sociaal bewijs [= de sterkste!!! mensen willen doen wat 'normaal'* is]
- Wederkerigheid
- Sympathie
- toewijding en consistentie: ja, ja, ja!

*onze grootste angst is om buitengesloten te worden, we willen bij de groep horen

Prof. Mark van der Vught:

"Duurzaam gedrag zit niet in onze natuur, onze hersenen zijn nog hetzelfde als toen we rondzwierven als jagers en verzamelaars"

Oermechanismen:

Eigenbelang

Kortzichtig

Gevoelig voor status

We imiteren anderen

Negeren immateriële problemen

Zintuiglijke waarneming

MINDER ENERGIE MEER COMFORT

Praktijkvoorbeelden energieneutraal renoveren in Overijssel

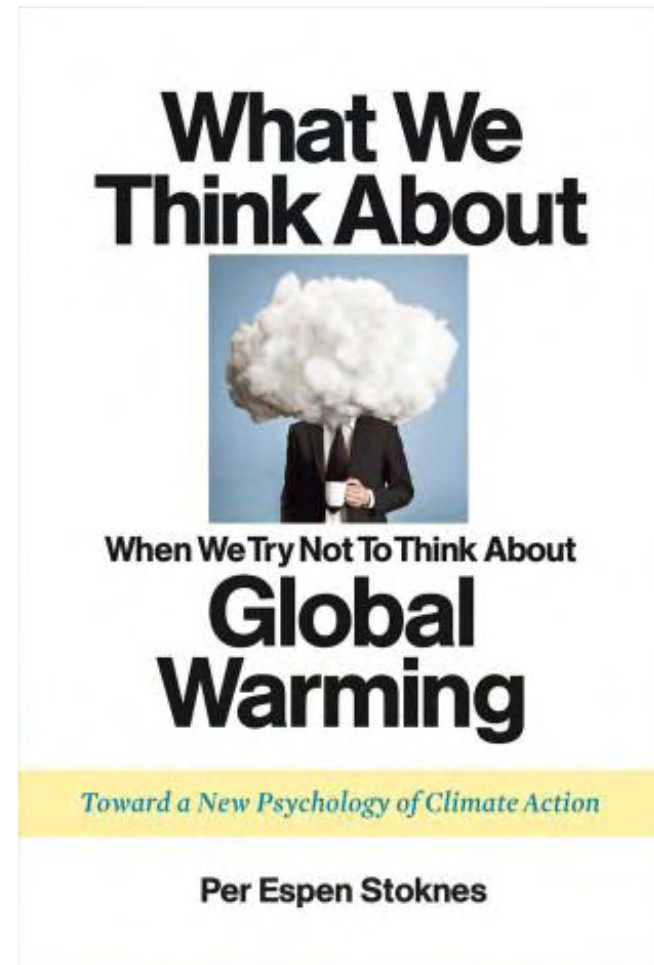
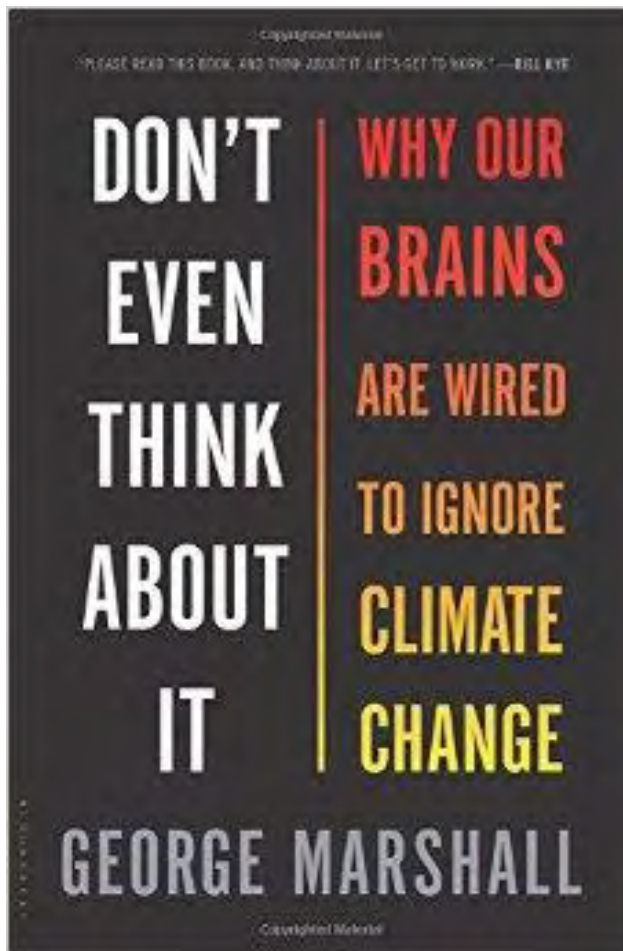


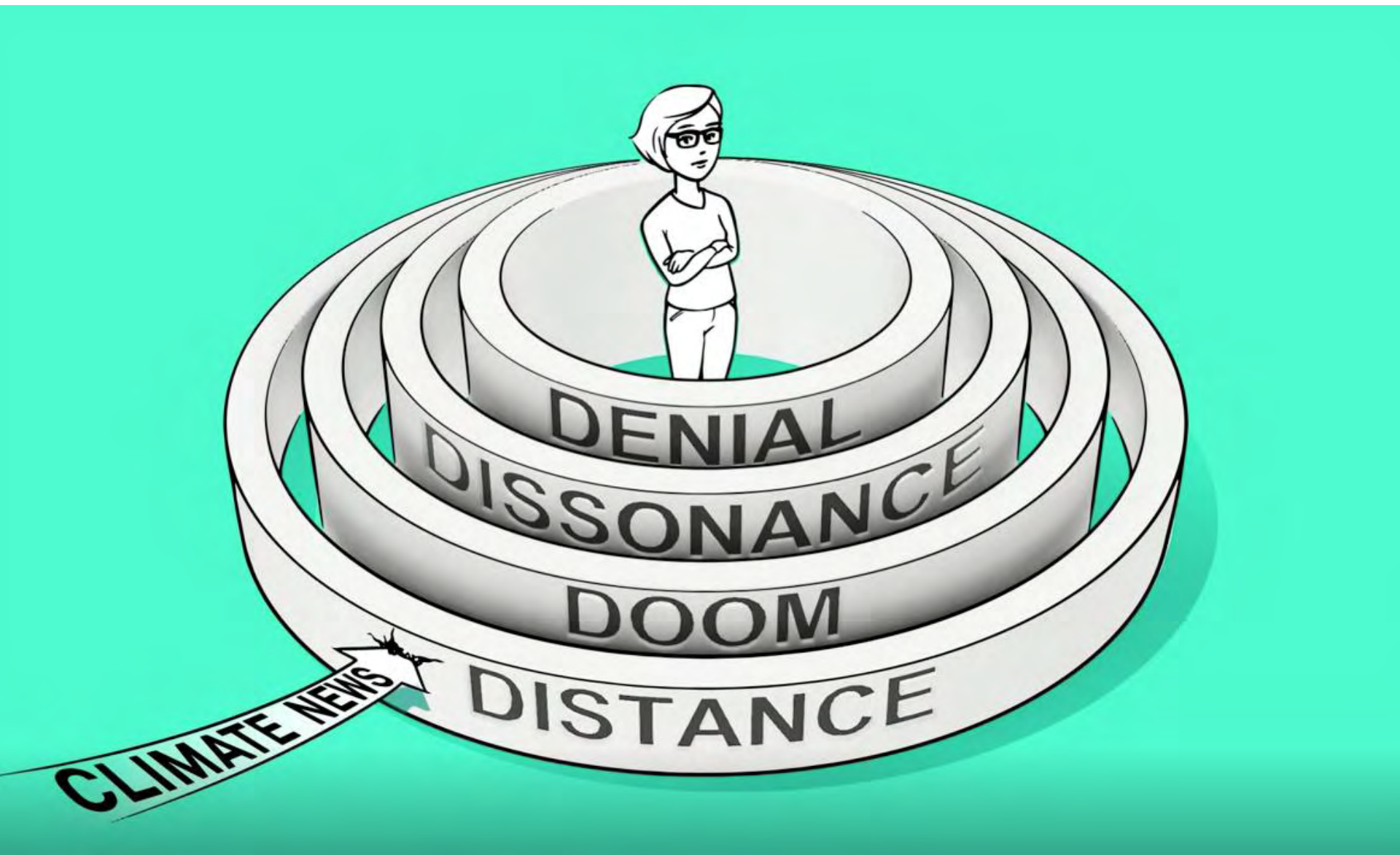


P
♿

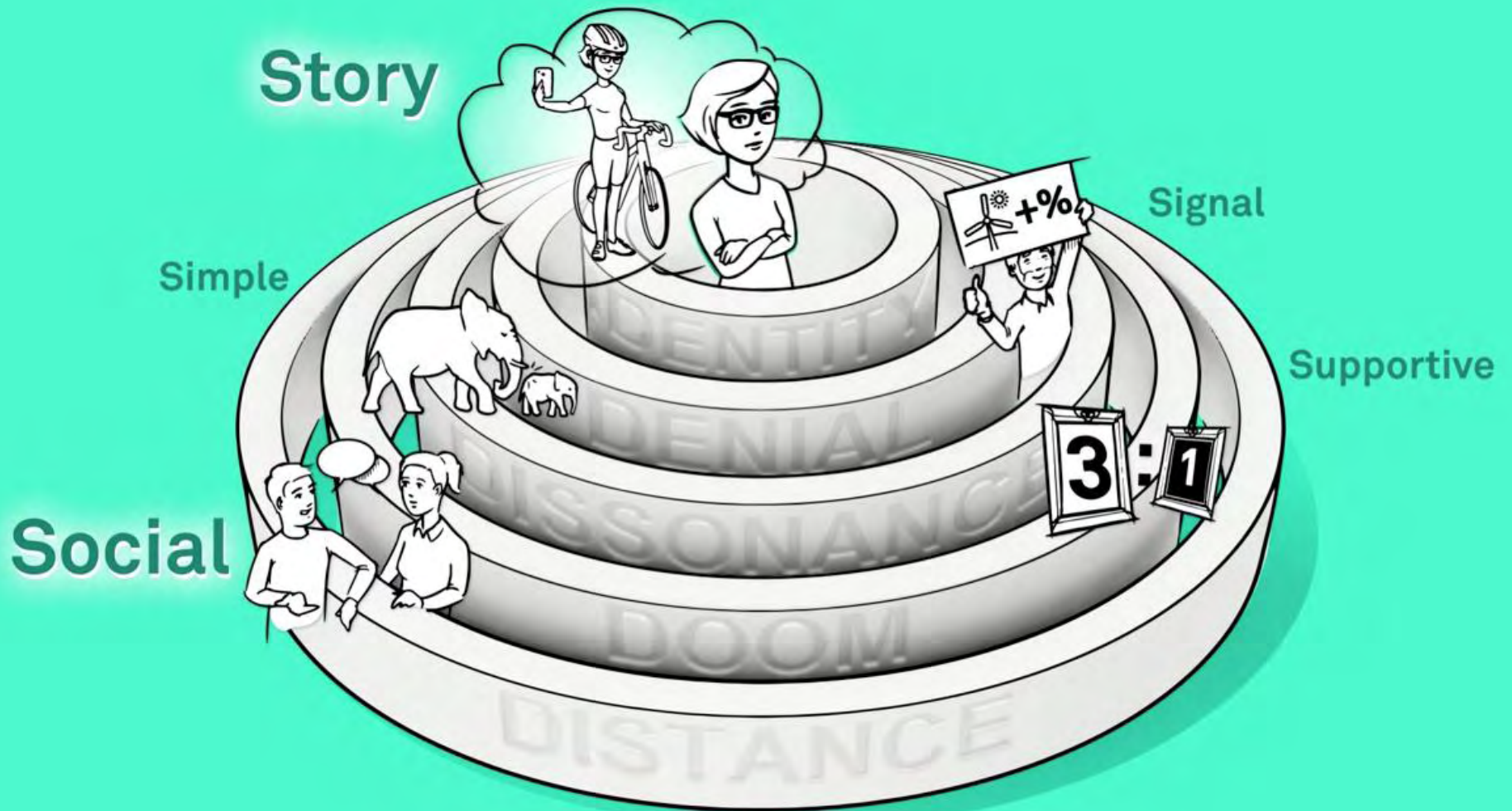
64-TGK-5

George Marshall en Per Espen Stoknes





Uit: TED talk Per Espen Stoknes: ga om het klimaatprobleem heen



Door: o.a. 1x nieuwsfeit realiteit klimaatontwrichting : 3x verhaal met concreet handelingsperspectief



Anne van Valkengoed @valkengoed.bsky.social

@AnneValkengoed



Is psychological distance really a key barrier to climate action? We argue that it's not in our new review study! We present three lines of evidence to demonstrate why the psychological distance of climate change is overestimated. Read it here: [↓](#)

[Post vertalen](#)



Cell Press @CellPressNews · 22 apr. 2023

Researchers report that most people feel "psychologically close" to #climatechange, seeing it not as a future problem but as an issue that needs to be addressed now.

@AnneValkengoed @univgroningen Goda Perlaviciute, Linda Steg...

[Meer weergeven](#)

3 Debunked propositions

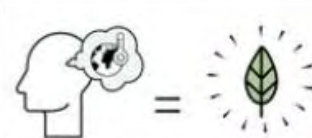
The empirical evidence to date indicates that perceiving climate change as psychologically distant is **NOT** a key reason why people do not engage in climate action.



1 Most people perceive climate change as psychologically distant. ❌



2 Perceiving climate change as psychologically distant is a key barrier to climate action. ❌



3 Reducing psychological distance motivates climate action. ❌

Key findings

20 recent opinion polls showed **more than 50%** of respondents believed that:

The consequences of climate change are already occurring, or will occur within the next few years.

Climate change poses risks to or is already affecting their local area or community.



Only 9 out of 26

reviewed studies showed a consistent association between seeing climate change as psychologically distant and less climate action. Some studies even show that perceiving climate change as affecting far away locations and distant people can actually motivate people to engage in climate action.



32 communication guidelines developed by NGOs or other professional organizations mentioned that most people perceive




25 out of 30



FRAMING







“Creation is not a property,
which we can rule over at will;
or, even less, is the property of
only a few: Creation is a gift,
it is a wonderful gift that
God has given us,

**so that we care for
it and we use it for
the benefit of all,
always with great
respect and
gratitude”**

POPE FRANCIS
CATHOLIC LEADER, CHEMIST

Source: The Official Vatican Network, <http://bit.ly/1TbseY>

© 2013 Catholic Church England and Wales / Flickr / CC BY-NC-SA 2.0



@CLIMATEREALITY



FACEBOOK.COM/CLIMATEREALITY

#ACTONCLIMATE



The Climate
Reality Project


C

The Climate Group  @ClimateGroup · 46 min.

.@WHO estimates that 23% of deaths worldwide are linked to environmental factors – the #ClimateWeekNYC Hub event on #PlanetaryHealth with @JNJCare explores how **climate change** will impact human **health**. Learn more here bit.ly/2zsAcWb #JNJ

 Tweet vertalen



 1  6  7 

in eigen tuin



▲ Mannen in het Pakistaanse Karachi zoeken beschutting onder een brug tijdens de hittegolf van 2015. Duizenden mensen, onder wie veel daklozen, kwamen destijds om het leven. © AFP

Opmars fatale hitte: mens kan de combinatie vocht en extreme warmte niet aan

THE LANCET

November, 2024

www.thelancet.com

The 2024 report of the Lancet Countdown on health and climate change: Facing record-breaking threats from delayed action



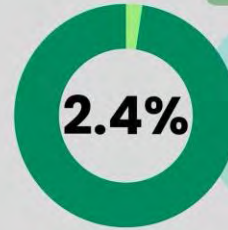
"Following decades of delays in climate change action, avoiding the most severe health impacts of climate change now requires aligned, structural, and sustained changes across most human systems, including energy, transportation, agriculture, food, and health care."



A Review by The Lancet

HEALTH PROFESSIONALS UNITE AT COP28!

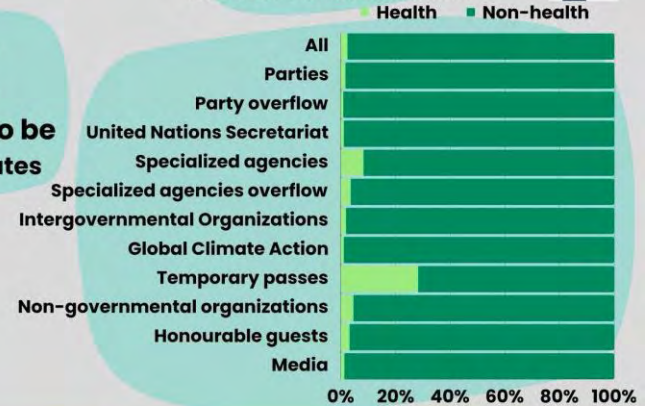
IN NUMBERS



or 1908 of 81039 were estimated to be health delegates

- First health day
- 50 Ministers of Health attended
- 141 parties have endorsed COP28 health-climate declaration (thus far)

In 2023, COP28 saw an unprecedented assembly of health delegates, setting a historic benchmark



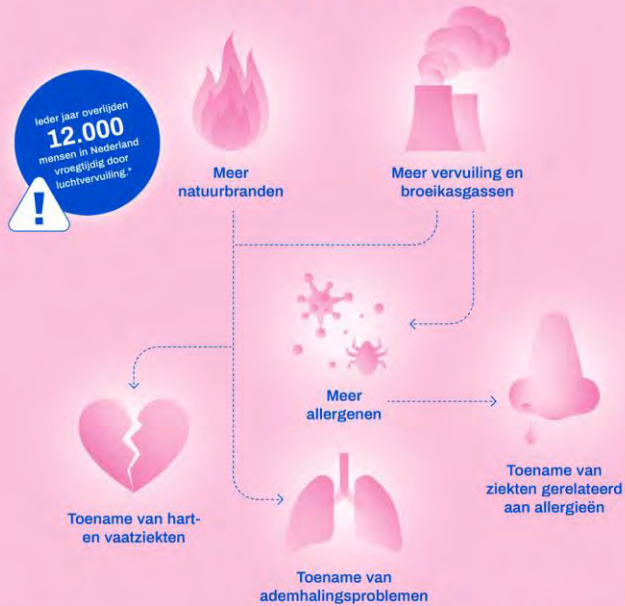
9 Dec 2023

#HealthCOP #HealthDay #COP28

Data source: UNFCCC provisional list with participants

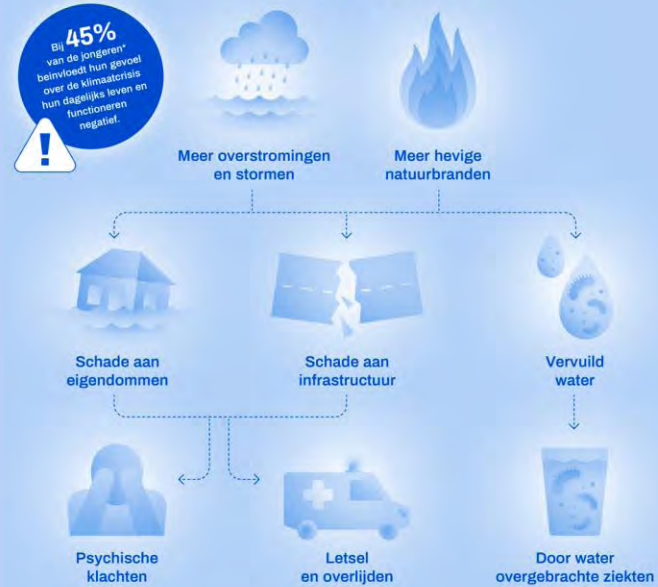


Luchtvervuiling



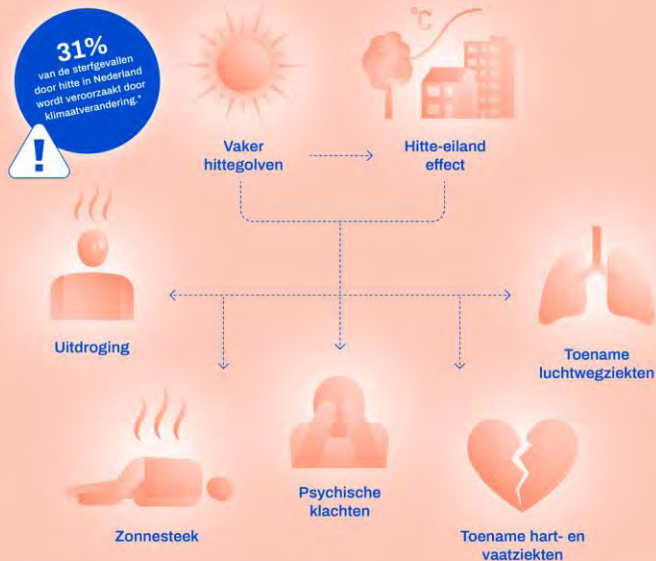
* Longfonds, 'Gezonde lucht is van levensbelang'

Extremer weer



* 10.000 jongeren (25-18 jaar) in 10 landen, door Climate Psychology Alliance

Stijgende temperaturen

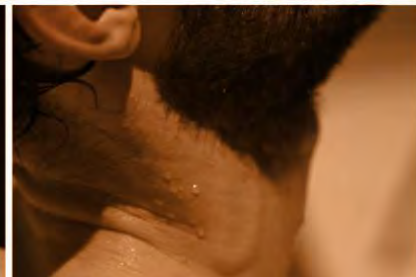
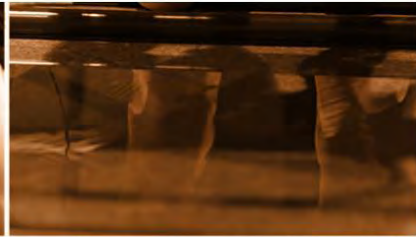
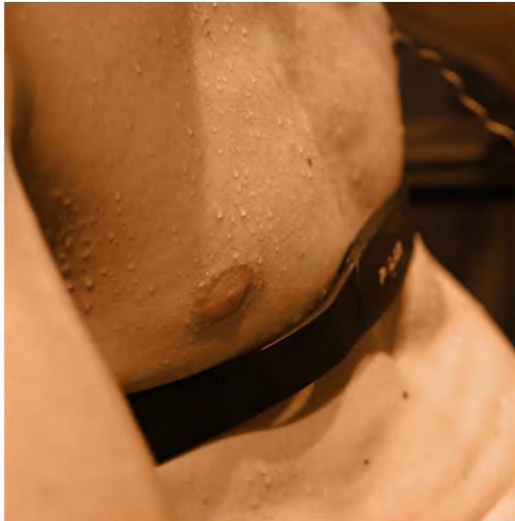


* RIVM, 'Klimaatverandering leidt nu al tot meer sterfte door hitte'

Meer overdraagbare ziekten



* RIVM, www.rivm.nl/ziekte-van-lyme



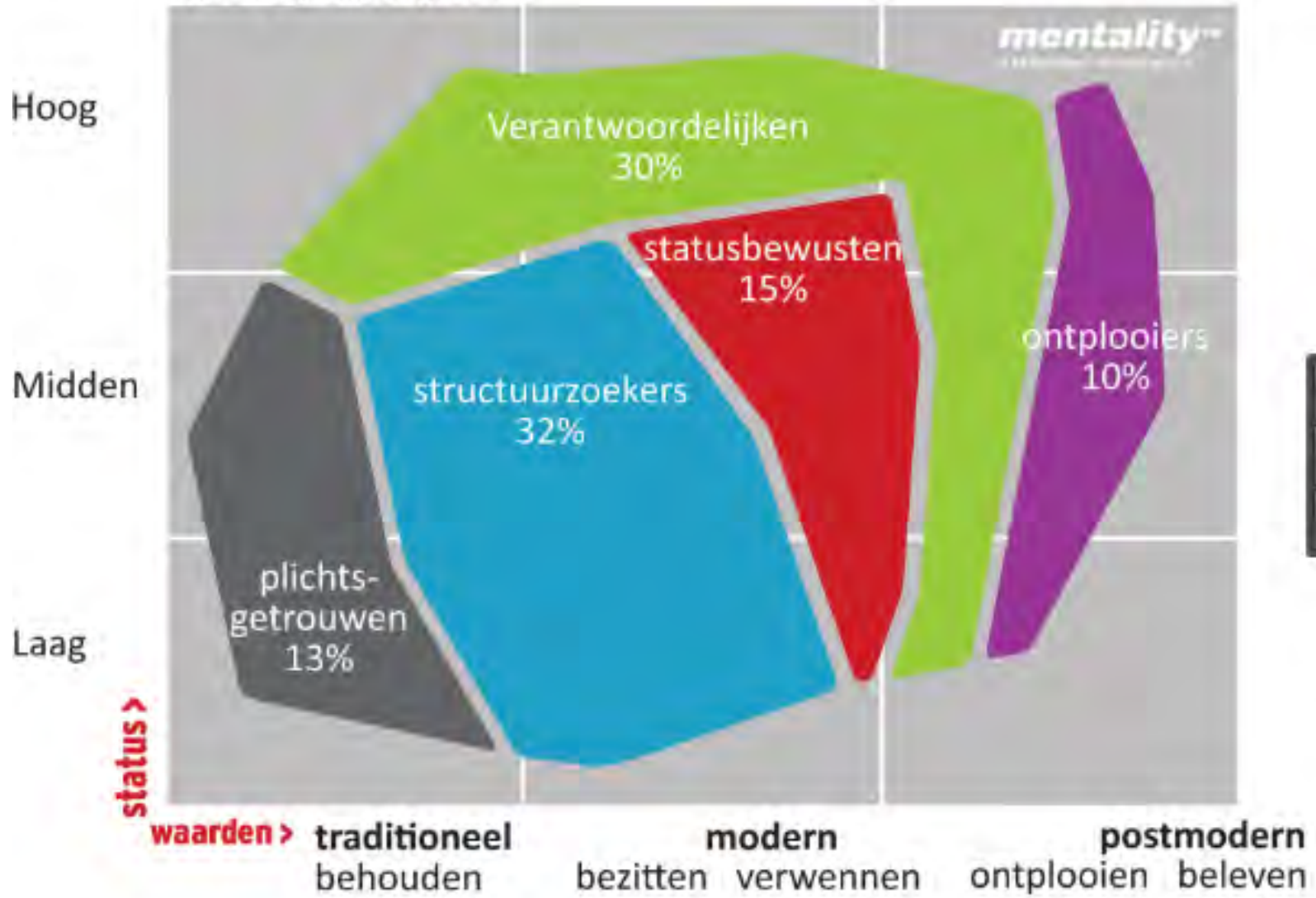
When heat turns deadly

A world-first study challenges our understanding of how humans cope with extreme heat.

By weather reporter [Tyne Logan](#)
ABC Climate Team

Mon 2 Sep

figuur: Vijf tinten groen



Systemen



Bij regen
vaker groen
voor fietsers



Social tippingpoints: Six areas to boost change

Stockholm Resilience Centre / Research



The #FridaysForFuture movement is an example of a social tipping point that has spread across the world and helped change people's norms, beliefs and behaviours. Photo: Friday's for Future Deutschland/Flickr

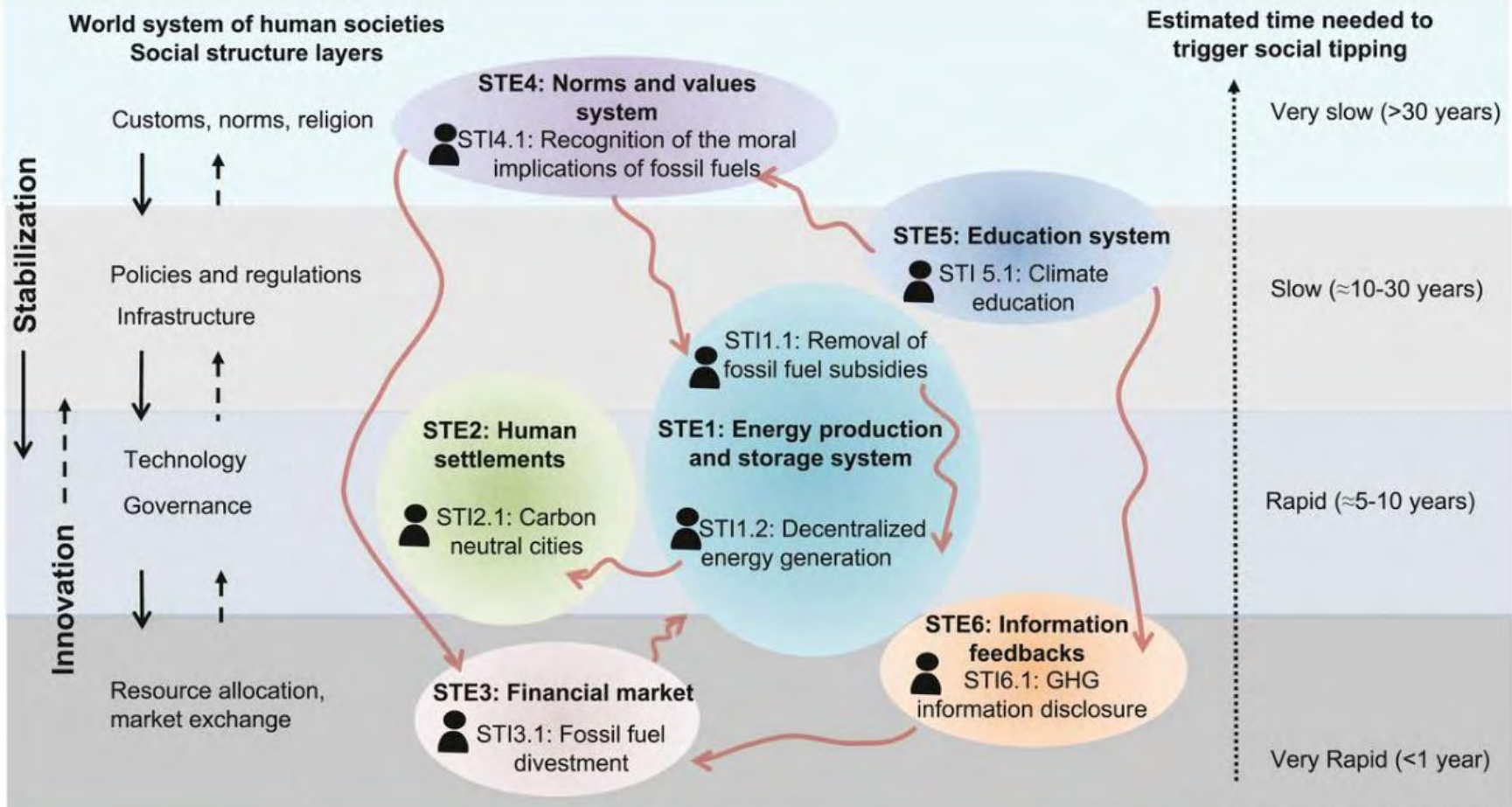
SOCIAL CHANGE

Social tipping mechanisms could spark societal change

Changes in opinions and behaviour can trigger a global sustainability transformation

1. removing fossil fuel subsidies and incentivizing distributed energy generation
2. building carbon-neutral cities
3. divestments from assets linked to fossil fuels
4. revealing the moral implications of fossil fuels
5. strengthened climate education and engagement
6. greenhouse gas emissions information disclosure

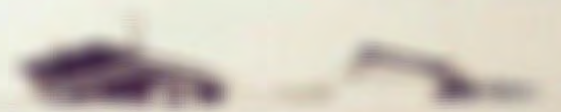




Emoties



How do we live with the knowledge
of global climate change?





SPM.D.5.3 The cumulative scientific evidence is unequivocal: Climate change is a threat to human well-being and planetary health. **Any further delay** in concerted anticipatory global action on adaptation and mitigation **will miss a brief and rapidly closing window of opportunity to secure a liveable and sustainable future for all.**

(very high confidence) {1.2, 1.4, 1.5, 16.2, 16.4, 16.5, 16.6, 17.4, 17.5, 17.6, 18.3, 18.4, 18.5, CWGB URBAN, CCB DEEP, Table SM16.24, WGI SPM, SROCC SPM, SRCCL SPM}



Renee Lertzman en Rosemary Randall

“Face your fear”: actually engaging people with how they feel, make sense of and experience the threat of climate change and it's profound implications

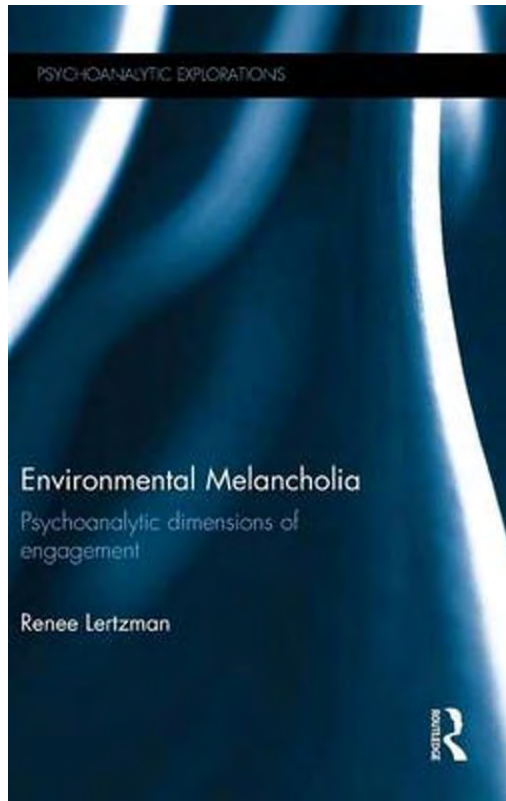
Criticizing the simplistic view of the behavioral school



Jaren óf *doom*

óf: “in een koolstofarme maatschappij verdwijnen alle wereldproblemen als sneeuw voor de zon”





BREAKING THE CLIMATE FEAR TABOO

Why feelings matter for our climate change communications.



Photo Credit: catchesthelight via Compfight cc



Author: **Renee Lertzman**

On March 12, 2014 at 12:55 pm

**Na jaren focus op gedragsverandering: nieuwe discipline *klimaatpsychologie*
Mensen in contact te brengen met hoe zij zich voelen,
hoe zij de dreiging van de ecologische crisis ervaren en verwerken.**

Niemand wil een gesloopte planeet

around the...
their research, whether it's a governmental agency,
ket research firm. This research often is fixated on uncovering people's
attitudes, perceptions, and motivations (Lertzman 2015). There are
many problems with this lens, most significantly an implicit assump-
tion that people *lack* something, be it motivation, care, or concern; and
the key is to uncover the *barriers* that may magically unleash the kind
of responses we so urgently need. This kind of thinking is so pervasive
across so many sectors, that I have come to see this as having *colonized*
the ways in which we understand the dilemma of climate and environ-
mental action.
Despite admonishments from influential researcher-critics such
(2010) to drop our obsession with "behaviour chan-
behaviour, and choice (ABC)," and the

81%

**OF PEOPLE SAY
CLIMATE CHANGE
IS IMPORTANT
TO THEM**



BUT ONLY

63%

**THINK THEIR
FELLOW
CITIZENS CARE**

Verdedigingsmechanismen van ons brein



Afbeelding:

klimaatpsycholoog Renee Lertzman auteur Environmental Melancholia.

Zie ook Breaking the Climate Fear Taboo >> <http://www.sightline.org/2014/03/12/breaking-the-climate-fear-taboo/>

en college The Myth of apathy >> <https://www.youtube.com/watch?v=irMhoL6cKtl>

3 A's dr. Renee Lertzman

1. **Anxiety**, angst, stress
2. **Ambivalence** (klinische term)
Conflicterende verlangens.
3. **Aspiration** We zijn gemaakt om samen te werken, samen te leren, samen problemen op te lossen. Om bij een groep te horen.

Climate Psychology, On Indifference to Disaster, edited by Paul Hoggett, hoofdstuk Renee Lertzman New methods for investigation new dangers (Bristol 2019)

ADVERTISEMENT

CellPress LabLinks

Biocatalysis: From discovery to engineering to application
Friday, October 21, 2022 | 9:00 AM – 5:00 PM
Boston College, Chestnut Hill, MA, USA (in-person event) [Register today](#)

Science that inspires

A Cell Press journal

One Earth Supports open access

[Submit](#) [Log in](#) [Register](#) [Subscribe](#) [Claim](#) [Search](#) [Menu](#)

COMMENTARY | VOLUME 1, ISSUE 1, P27-30, SEPTEMBER 20, 2019

[PDF \[861 KB\]](#) [Figures](#) [Save](#) [Share](#) [Reprints](#) [Request](#)

Motivating Society-wide Pro-environmental Change

[Thijs Bouman](#) [✉](#) [Linda Steg](#)

[Open Archive](#) • Published: September 12, 2019 • DOI: <https://doi.org/10.1016/j.oneear.2019.08.002>

[Check for updates](#)



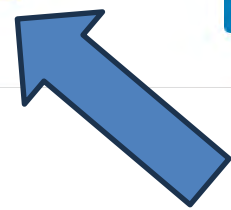
Main Text

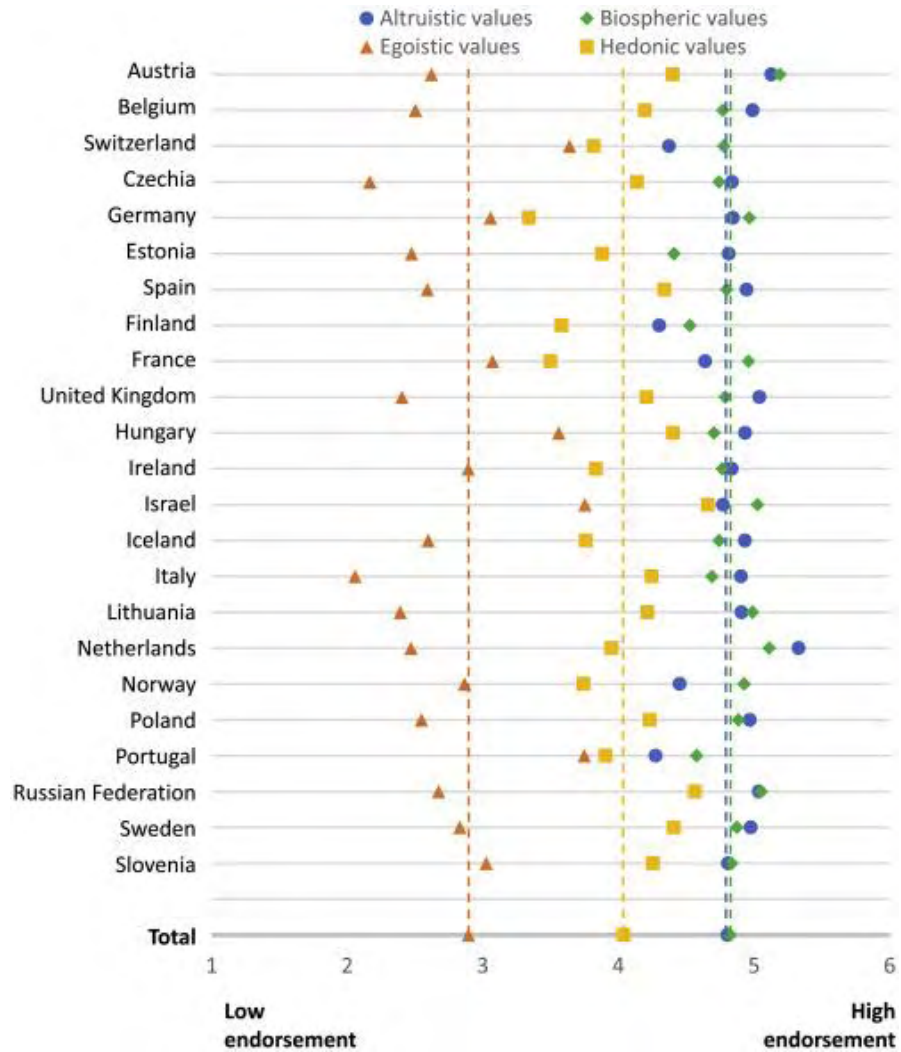
Acknowledgments

We are facing environmental crises, but pro-environmental action is seriously lagging behind. Contrary to popular beliefs, we argue that this is not caused by people undervaluing the environment but rather by people structurally underestimating how much others care. Only through showing that many do value the environment will we inspire society-wide pro-environmental action.

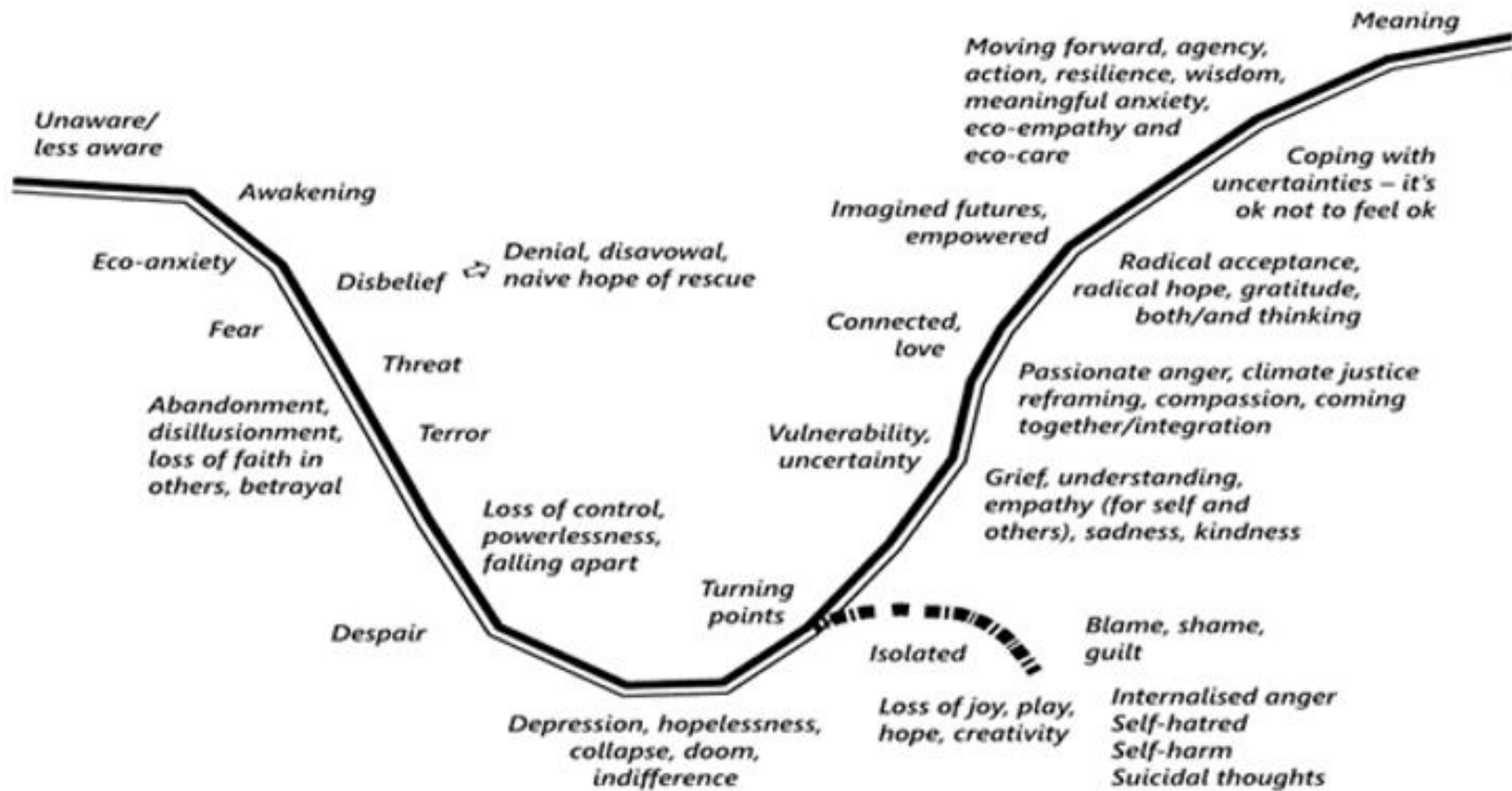
Request your institutional access

ADVERTISEMENT









'Antropocene horror'

Timothy Clarke (2020) 'Ecological grief and anthropocene horror.', *American Imago.*, 77 (1). pp. 61-80

De Britse cultuurwetenschapper Timothy Clarc noemt het 'Anthropocene horror': een vervreemdende ervaring van afgrijzen die het dagelijks leven kan doordringen: het besef dat de mens de veilige drempel is overschreden, en dat alles wat we als 'normaal' ervaren in het dagelijks leven, ten diepste destructief is.¹ Het is een ervaring van horror die je kan overvallen bij het lezen van een nieuwbericht in de krant over economische groei, de aanblik van een drukke weg of een intensief bebouwd stuk land. Het betreft niet alleen het verdriet en wanhoop over wat er verloren gaat en wat er op het spel staat; maar des te meer een claustrofobisch besef van in de val zitten: gevangen te zijn in een ongekend complexe, culturele, politieke, economische context van milieugeweld waar men onlosmakelijk mee verbonden is. Het besef van de nietigheid van het individu en de kloof met wat er collectief gedaan zou moeten worden om structuren te doorbreken, kan volgens hem gekmakend zijn. Clarc beschrijft hoe Anthropocene horror een vervreemdend

gevoel van onkoppeling van het 'normale leven' kan losmaken waarin gevoelens van fatalisme en zinloosheid, nietigheid en absurditeit, en de vraag wat überhaupt normaal is, zich opdringen.

¹ Clark, Timothy (2020) 'Ecological grief and anthropocene horror.', *American imago.*, 77 (1). pp. 61-80

(Dutch) Climate Psychology Alliance studies:

- the **collectively shared and organized feelings** such as loss, despair, panic and guilt evoked in individuals, communities, nations and regions by climate change and environmental destruction
- the **defences and coping mechanisms** such as denial and rationalization, that we use to avoid facing these difficult feelings and how such defences have become integral of sustaining our exploitative relations with both the non-human and human worlds
- the cultural assumptions and practices (e.g. the sense of privilege and entitlement, materialism and consumerism, the faith in progress) that inhibit effective change

- The **conflicts, dilemmas and paradoxes** that individuals and groups face in negotiating change with family, friends, neighbours and colleagues
- **The psychological resources** – resilience, courage, radical hope, new forms of imagination – that support change

p.9 en 10 *Climate Psychology, On Indifference to Disaster*, edited by Paul Hoggett (Bristol 2019)

Dr. Britt Wray (auteur *Generation Dread* (2022)):
“*our emotions about ecological destruction are a
sign of our humanity*”:

Anxiety and grief about the world can be a positive thing. Dr. Martin Luther King Jr. often discussed the merits of being maladjusted to a society that values segregation, discrimination, militarism, and inequality. “The salvation of our world lies in the hands of the maladjusted,” King said in 1955. In a speech ten years later, he said, “Through such maladjustment, we will be able to emerge from the bleak and desolate midnight of man’s inhumanity to the bright and glittering daybreak of freedom and justice.” Being maladjusted does not mean you are sick when the maladjustment is in response to a sick society. It serves an important function by pointing out what is deeply wrong, and gets you to try to change your situation. Eco-anxiety, solastalgia, ecological grief, and other difficult eco-emotions are the fastest-growing symptoms of maladjustment of our time. We should be proud and relieved to feel these emotions; they are a sign of our humanity.



stephaniec @stephclague · 10 dec. 2021

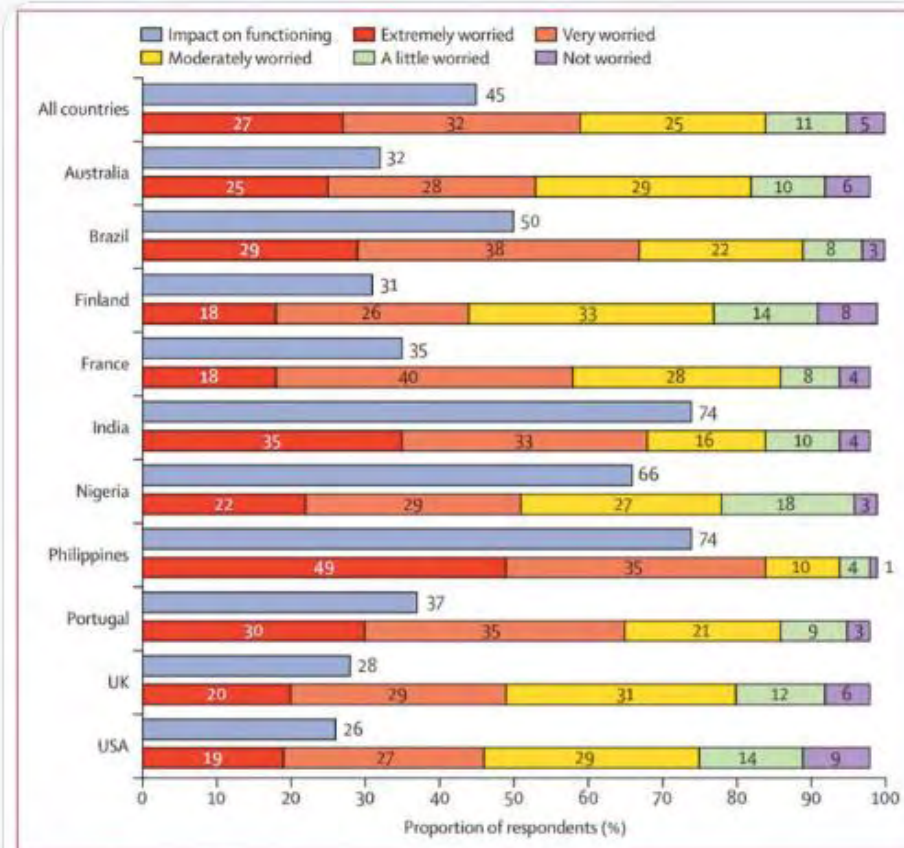
...

📊 NEW Survey of 10,000 children & young people in 10 countries thoughts and feelings about #climatechange:

59% very or extremely worried
84% moderately worried

45% feelings negatively affected daily life
75% said future is frightening

@TheLancetPlanet [thelancet.com/journals/lanpl...](https://www.thelancet.com/journals/lanpl...)





Johan Rockström 

@jrockstrom



Another proof point that global social tipping point is crossed. 2/3rds of G20 citizens are deeply concerned and worried of us pushing Earth across tipping points. Political Leader, CEO? Act, you have majority of citizens' support

[Tweet vertalen](#)



theguardian.com

Humans 'pushing Earth close to tipping point', say most in G20

Global survey finds 74% also want climate crises and protecting nature prioritised over jobs and profit

11:06 a.m. · 17 aug. 2021 · Twitter Web App

Article | [Open access](#) | Published: 09 February 2024

Globally representative evidence on the actual and perceived support for climate action


[Peter Andre](#), [Teodora Boneva](#), [Felix Chopra](#) & [Armin Falk](#) 

[Nature Climate Change](#) (2024) | [Cite this article](#)

4040 Accesses | 225 Altmetric | [Metrics](#)

Abstract

Mitigating climate change necessitates global cooperation, yet global data on individuals' willingness to act remain scarce. In this study, we conducted a representative survey across 125 countries, interviewing nearly 130,000 individuals. Our findings reveal widespread support for climate action. Notably, 69% of the global population expresses a willingness to contribute 1% of their personal income, 86% endorse pro-climate social norms and 89% demand intensified political action. Countries facing heightened vulnerability to climate change show a particularly high willingness to contribute. Despite these encouraging statistics, we document that the world is in a state of pluralistic ignorance, wherein individuals around the globe systematically underestimate the willingness of their fellow citizens to act. This perception gap, combined with individuals showing conditionally cooperative behaviour, poses challenges to further climate action. Therefore, raising awareness about the broad global support for climate action becomes critically important in

Download PDF 

Sections

Figures

References

[Abstract](#)

[Main](#)

[The global survey](#)

[Widespread global support for climate action](#)

[Stronger willingness to contribute in vulnerable co...](#)

[Beliefs and systematic misperceptions](#)

[Discussion](#)

[Methods](#)

[Data availability](#)

[Code availability](#)

[References](#)

[Acknowledgements](#)

[Author information](#)

[Ethics declarations](#)

[Data availability](#)



Werkvelden

Expertises

Onderzoeksmethoden

Actueel

Over ons

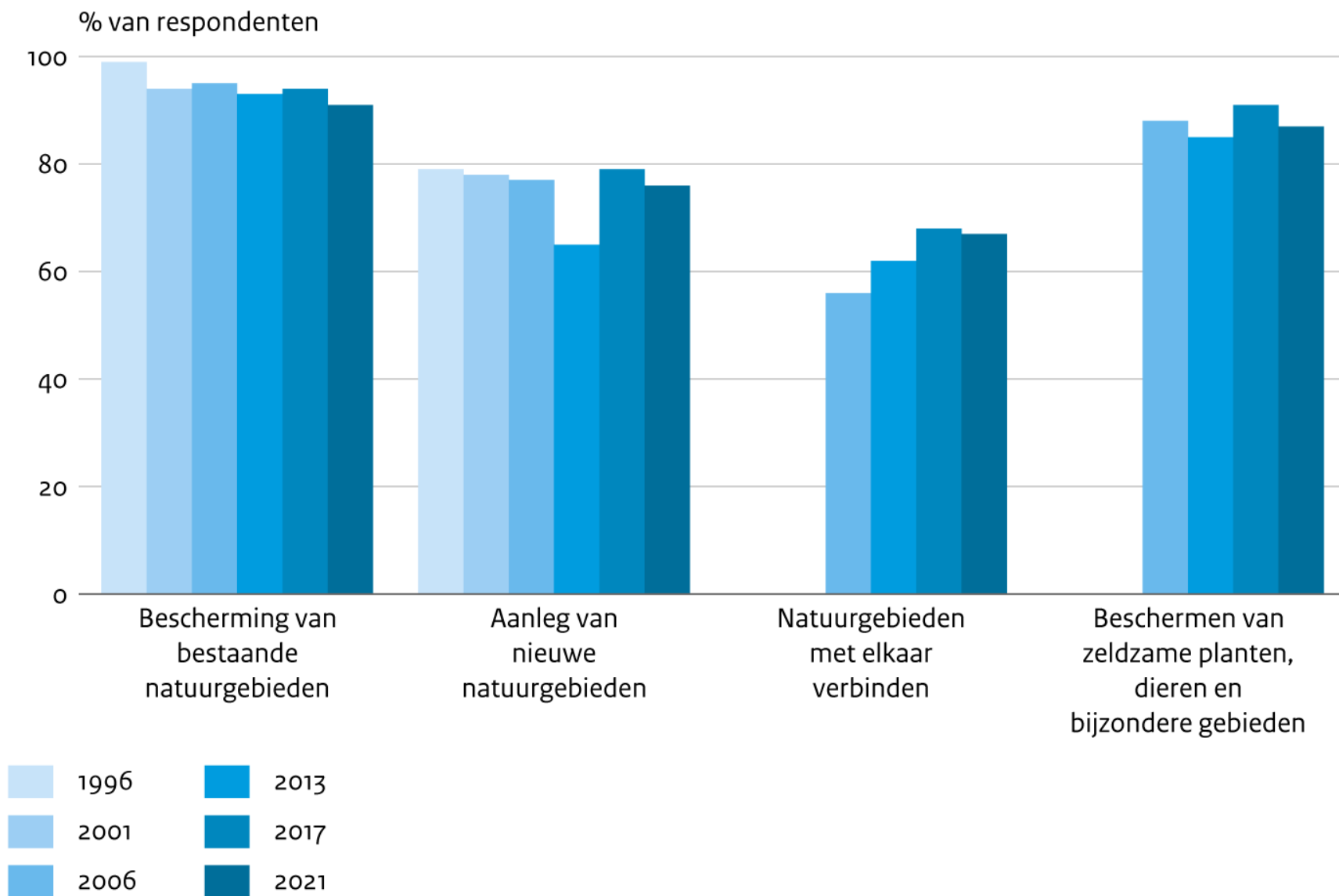
Zoeken...

hebben eerder een ecocentrisch natuurbeeld (de mens als onderdeel van de natuur) dan een antropocentrisch natuurbeeld (waarin de mens centraal staat). Bijna de helft van de Nederlanders zou best 'dichter' bij de natuur willen leven en ruim zes op de tien Nederlanders die (bijna) nooit een natuurgebied bezoeken zouden dat vaker willen doen. Dat de natuur belangrijk is, komt ook terug in de houdingen die mensen bewust of onbewust hebben ten aanzien van de natuur. Ongeveer 80 procent van de bevolking kan worden gekenmerkt als 'natuurmens' of als 'natuurbetrokken'. Er zijn ook zorgen over de natuur. Voor acht op de tien mensen is het tamelijk tot zeer waarschijnlijk dat plant- en diersoorten verdwijnen uit Nederland en eenzelfde hoeveelheid mensen vindt dat erg.

#klimaat #klimaatverandering #leefbaarheid

Nederlanders hebben eerder een ecocentrisch dan een antropocentrisch natuurbeeld

Belang van maatregelen ter bescherming en ontwikkeling van natuur





Prof. Katharine Hayhoe Universiteit Texas en Nature Conservancy Universiteit Amsterdam 30 mei 2022

https://video.uva.nl/media/UvA+lecture+Katharine+Hayhoe+/0_uvfy6qb/66974

Prof. Linda Steg

We zijn veel moreler dan we denken
We willen een zinvol leven
We willen bijdragen aan een groter doel



DOE MEE! | BEKIJK EN DEEL

DINSDAG 16 JAN 2018

Linda Steg: Het is een groot misverstand dat mensen alleen voor geld in actie komen voor het klimaat

Linda Steg, hoogleraar omgevingspsychologie aan de Rijksuniversiteit Groningen

De omslag naar een duurzame samenleving is gaande. Maar het aandeel broeikasgassen in de atmosfeer groeit wereldwijd nog steeds. Waar zit volgens u de wissel voor de oplossing van het klimaatprobleem?

De oplossing is dat we met z'n allen actie gaan ondernemen. Want klimaatverandering is voor een heel groot deel veroorzaakt door **menselijk gedrag** dus dan kun je het probleem ook oplossen door gedrag te veranderen. Dat wil niet zeggen dat daarmee de verantwoordelijkheid alleen maar bij individuen ligt. Want we functioneren in een bepaald systeem. Een systeem dat bepaalde keuzes beter mogelijk maakt en andere keuzes slechter of zelfs onmogelijk maakt. Dus de verantwoordelijkheid voor het oplossen van het klimaatprobleem ligt op alle niveaus. Bij burgers en bij bedrijven, de media, politiek en overheid.

Misverstanden over wat mensen beweegt

Je moet wél kijken wat mensen motiveert om duurzamer gedrag te vertonen, en onderzoeken welke interventies effectief zijn om milieuvriendelijk gedrag te stimuleren. Een probleem is dat de ideeën die bij beleid- en campagnemakers bestaan over wat mensen motiveert niet altijd kloppen. Dat zijn niet de dingen die ons het meest motiveren.

Eén daarvan is "vertel hoe het zit, dan komt het allemaal wel goed". Informatie geven wordt gezien

People are willing to change if they feel *efficacy*: if they believe that what they do will make a difference.



Jamie Henn
@jamieclimate

...

This series is going to be explosive. Polls and focus groups have found that one of the most activating climate messages is “you’ve been lied to.” Harnessing that public outrage and turning into action to dismantle Big Oil’s political influence is key to progress.

[Tweet vertalen](#)

 **FRONTLINE**  @frontlinepbs · 8 apr.

 Officieel

In the three-part series “The Power of Big Oil,” FRONTLINE examines the fossil fuel industry’s history of casting doubt and delaying action on climate change. Part 1 premieres on @PBS 4/19: to.pbs.org/3JdSs6u



Extinction Rebellion noemt het “heilige woede”



Samantha Stanley @SamanthaStanley · 3 feb. ...

Our latest paper “From anger to action: Differential impacts of eco-anxiety, eco-depression, and eco-anger on climate action and wellbeing” is out now in the Journal of Climate Change and Health: doi.org/10.1016/j.jocl...
[@TeaghanHogg](#) [@Zlevo](#) [@daftgaloot](#)



[sciencedirect.com](https://www.sciencedirect.com)

From anger to action: Differential impacts of eco-a...
Research documents the experiences of depression and anxiety evoked by climate change, but little ...



6



28



90



Tip om klokken gelijk te zetten:
kijk samen naar een goede film over de ernst van de crisis
om elkaars emoties te zien en te voelen

(Park Angerenstein Arnhem buurtinitiatief Angerenstein Toekomstbestendig)

GEMEENTE
Arnhem



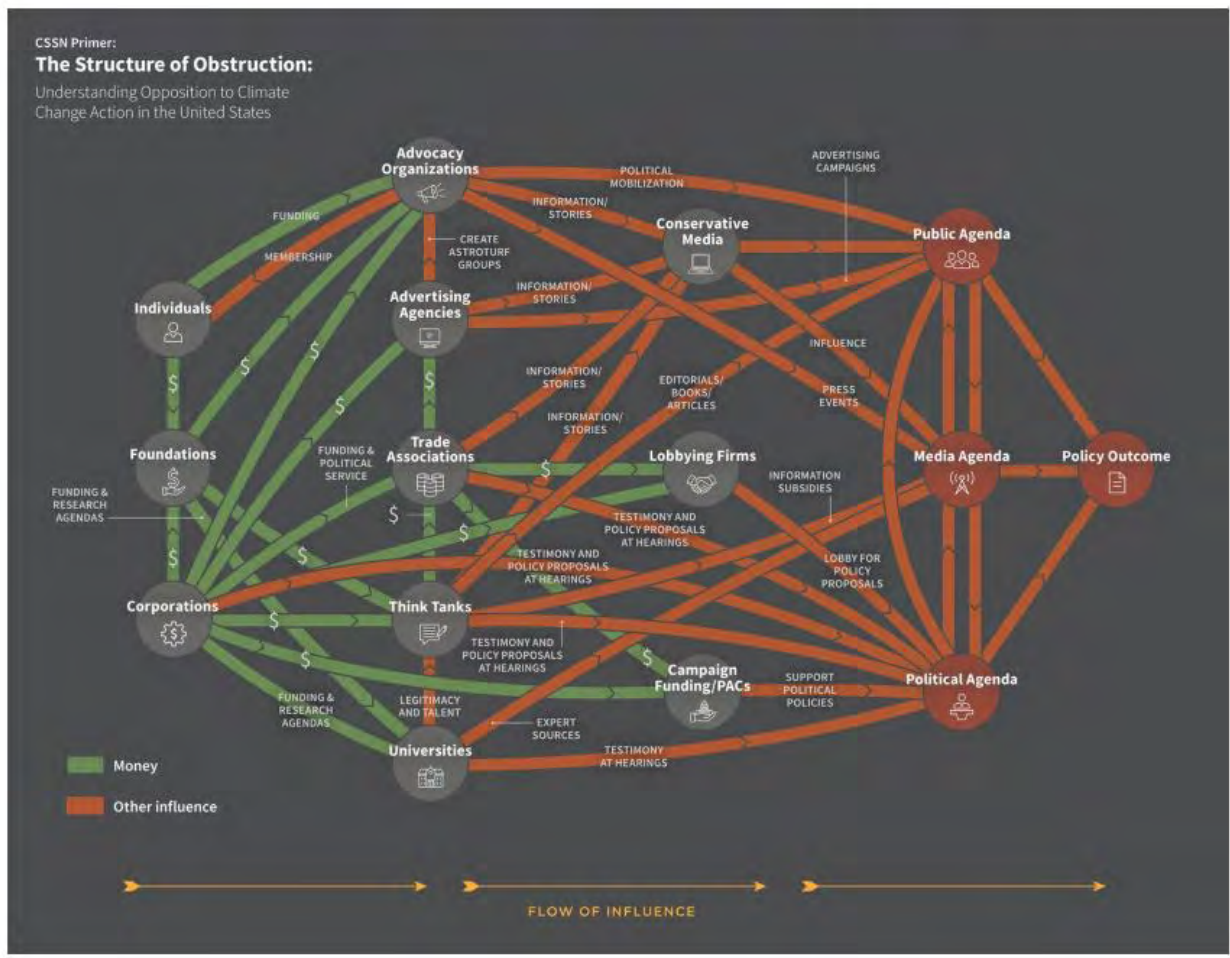
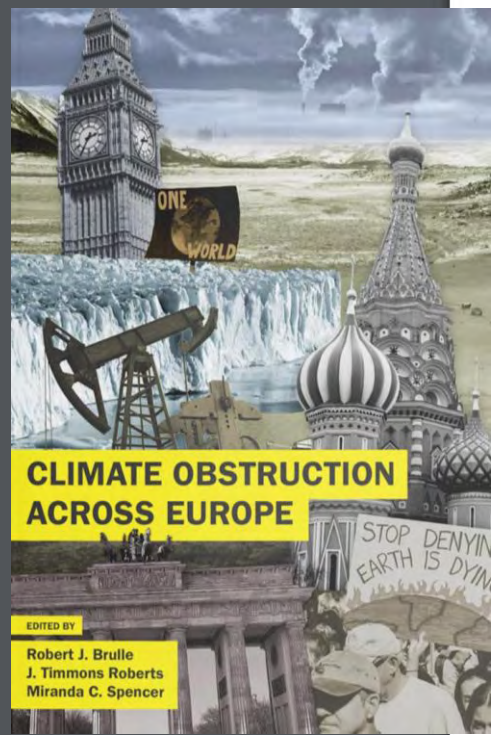
Interreg 
North-West Europe
Climate Active
Neighbourhoods



Tegenwerking

En hoe we de impact kunnen verkleinen

public agenda so that the desired framing is accepted as the common sense in that particular area, and assure that public opinion does not support climate action; 2) Shape the media agenda to promote particular perspectives that cast doubt on actions to address climate change; and 3) Influence the political process to select policies that do not support climate action.



Welbewust verwarrend zaaien door de industrie Analyse: We are drilled.com



Dr. Aaron Thierry
@ThierryAaron

So, we need to ask why it is that we are failing to act on the scientific warnings.

This is what @IsakStoddard et al. do in a fantastic review in @AnnualReviews.

Their conclusion?: It's about political power! 7/n

annualreviews.org/doi/abs/10.114...

Tweet vertalen

ANNUAL REVIEWS
Annual Review of Environment and Resources
Three Decades of Climate Mitigation: Why Haven't We Bent the Global Emissions Curve?

"A COMMON THREAD THAT EMERGES ACROSS THE REVIEWED LITERATURE IS THE CENTRAL ROLE OF POWER, MANIFEST IN MANY FORMS, FROM A DOGMATIC POLITICAL-ECONOMIC HEGEMONY AND INFLUENTIAL VESTED INTERESTS TO NARROW TECHNO-ECONOMIC MINDSETS AND IDEOLOGIES OF CONTROL..."

Isak Stoddard,¹ Kevin Anderson,^{2,3} Stuart Capstick,⁴ Wim Carton,⁵ Joanna Depledge,⁶ Keri Facer,^{7,8} Clair Gough,⁹ Frederic Hache,¹⁰ Claire Hoolahan,¹¹ Martin Hultman,¹² Niclas Hallström,¹³ Siwan Kartha,¹⁴ Sonja Klinsky,¹⁵ Magdalena Kochler,¹⁶ Eva Löwbram,¹⁷ Nafiseh Nasirizadeh,^{18,19} Peter Newell,²⁰ Glen P. Peters,²¹ Youso Sokona,²² Andy Stirling,²³ Matthew Sulwell,²⁴ Clive L. Spash,²⁵ and Mariama Williams²⁶

OPEN ACCESS
CONNECT
This article is available for free at <https://annualreviews.org/doi/abs/10.1146/annurev-environ-2021-01-11-0100>

2:23 p.m. · 9 nov. 2022

76 Retweets 1 Citeer Tweet 308 Vind-ik-leuks

ANNUAL REVIEWS
Annual Review of Environment and Resources
Three Decades of Climate Mitigation: Why Haven't We Bent the Global Emissions Curve?

Isak Stoddard,¹ Kevin Anderson,^{2,3} Stuart Capstick,⁴ Wim Carton,⁵ Joanna Depledge,⁶ Keri Facer,^{7,8} Clair Gough,⁹ Frederic Hache,¹⁰ Claire Hoolahan,¹¹ Martin Hultman,¹² Niclas Hallström,¹³ Siwan Kartha,¹⁴ Sonja Klinsky,¹⁵ Magdalena Kochler,¹⁶ Eva Löwbram,¹⁷ Nafiseh Nasirizadeh,^{18,19} Peter Newell,²⁰ Glen P. Peters,²¹ Youso Sokona,²² Andy Stirling,²³ Matthew Sulwell,²⁴ Clive L. Spash,²⁵ and Mariama Williams²⁶

"POLITICAL ACTION TO MITIGATE CLIMATE CHANGE HAS ALSO BEEN SLOWED AT THE REGIONAL, NATIONAL, AND INTERNATIONAL LEVELS THROUGH DIRECT LOBBYING BY FOSSIL FUEL COMPANIES AND THROUGH THE FUNDING OF POLITICAL ACTORS. REGIONS THAT RELY ON FOSSIL FUELS FOR JOBS AND REVENUES FIND IT PARTICULARLY DIFFICULT TO WITHSTAND SUCH LOBBYING ATTEMPTS.

RESEARCH BY INFLUENCEMAP SHOWS HOW FOSSIL FUEL COMPANIES HAVE LOBBIED TO WEAKEN CLIMATE POLICIES AROUND THE WORLD AND HAVE CONTINUED TO DO SO WHILE CLAIMING TO SUPPORT THE PARIS AGREEMENT."

OPEN ACCESS
CONNECT
This article is available for free at <https://annualreviews.org/doi/abs/10.1146/annurev-environ-2021-01-11-0100>



@ThierryAaron

It's also a key conclusion of the technical summary of the [@IPCC_CH](#) WG3 report. 10/n

H/T [@NiranjanAjit](#)

[Tweet vertalen](#)

transition will be determined by choices in the environmental, technological, economic, socio-cultural and institutional realms (*high confidence*).

Transitions in specific systems can be gradual or can be rapid and disruptive. The pace of a transition can be impeded by 'lock-in' generated by existing physical capital, institutions, and social norms. **The interaction between politics, economics and power relationships is central to explaining why broad commitments do not always translate to urgent action.** At the same time, attention to, and support for, climate policies and low carbon societal transitions has generally increased, as the

enabling conditions (governance, institutions, behaviour and lifestyle, innovation, policy, and finance), are present (robust evidence, medium agreement).

Accelerating climate mitigation includes simultaneously **weakening high carbon systems and encouraging low carbon systems**; ensuring interaction between adjacent systems (e.g., energy and agriculture); **overcoming resistance to policies (e.g., from incumbents in high carbon emitting industries)**, including by providing transitional support to the vulnerable and negatively affected by distributional impacts; inducing changes in

2:33 p.m. · 9 nov. 2022

The IPCC is not playing in this FAQ about "climate resilient development."

different interests, values and worldviews can be reconciled if everyone works together.

Targeting a climate resilient, sustainable world involves fundamental changes to how society functions, including changes to underlying values, worldviews, ideologies, social structures, political and economic systems, and power relationships. This may feel overwhelming at first, but the world is changing anyway and will continue to change so Climate Resilient Development offers us ways to drive change to improve well-being for all – by reducing climate risk, tackling the many inequities and injustices experienced today, and rebuilding our relationship with nature.

The choices we make in the next decade will determine our future. Our report also states Climate Resilient

Search...

GO



MOST USED Climate Myths

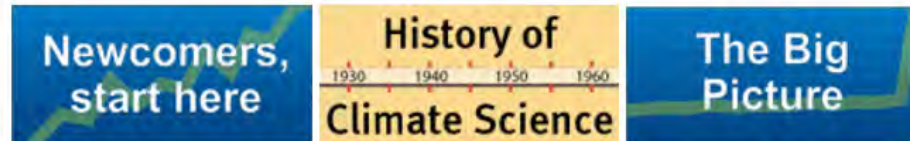
and what the science really says...

- 1 Climate's changed before
 - 2 It's the sun
 - 3 It's not bad
 - 4 There is no consensus
 - 5 It's cooling
 - 6 Models are unreliable
 - 7 Temp record is unreliable
 - 8 Animals and plants can adapt
 - 9 It hasn't warmed since 1998
 - 10 Antarctica is gaining ice
- [View All Arguments...](#)

Explaining climate change science & rebutting global warming misinformation

Global warming is real and human-caused. It is leading to large-scale climate change. Under the guise of climate "skepticism", the public is bombarded with misinformation that casts doubt on the reality of human-caused global warming. This website gets skeptical about global warming "skepticism".

Our mission is simple: debunk climate misinformation by presenting peer-reviewed science and explaining the techniques of science denial, discourses of climate delay, and climate solutions denial.



Skeptical Science New Research for Week #47 2024

Posted on 21 November 2024 by Doug Bostrom, Marc Kodack

Open access notables

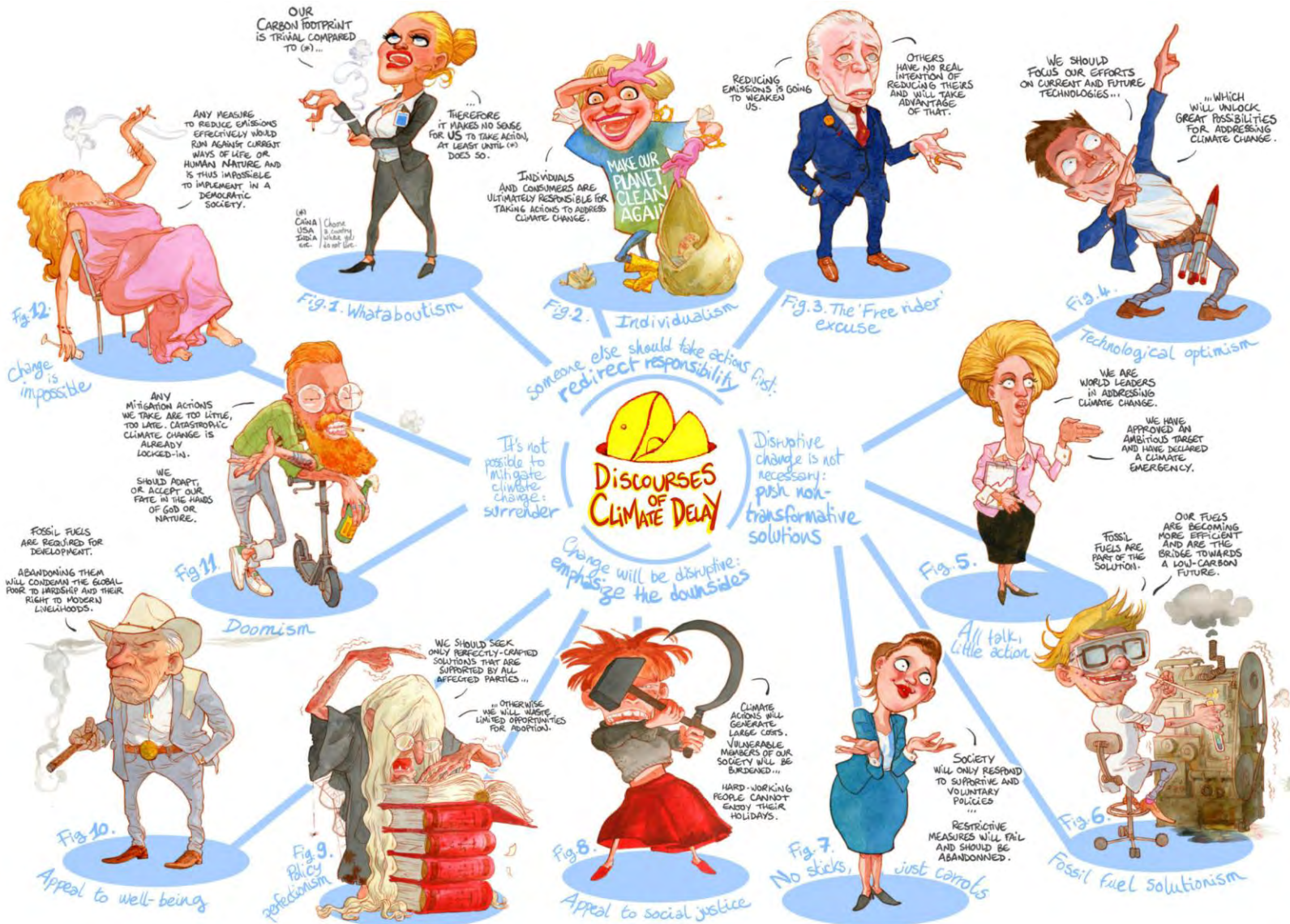
Projected increase in the frequency of extremely active Atlantic hurricane seasons, Lopez et al., *Science Advances*:

Future changes to the year-to-year swings between active and inactive North Atlantic tropical seasons (TCI) suggest that...

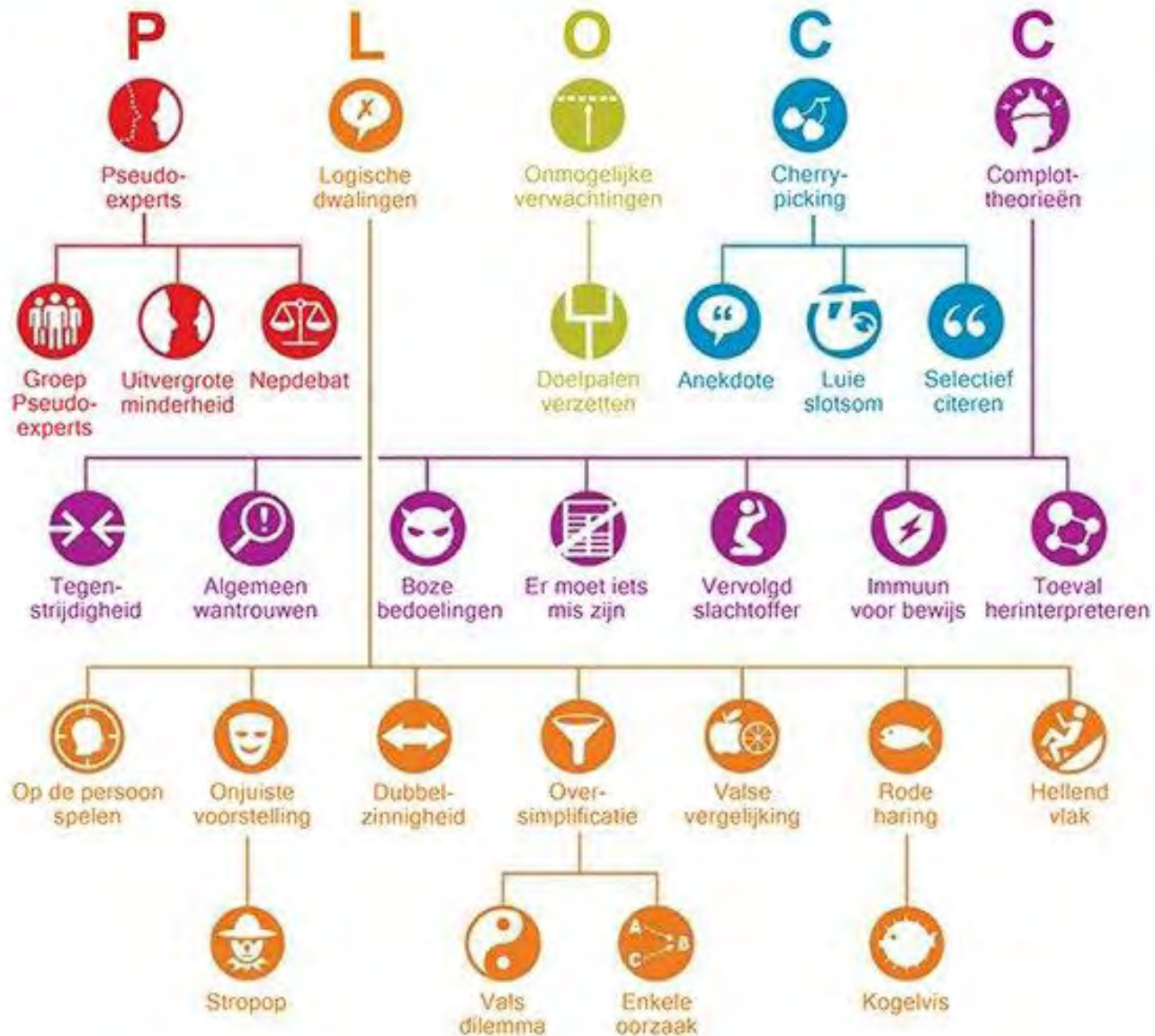


Winner of the 2011





Technieken van wetenschapsontkenning



Tegengif: de waarheid-sandwich (bron: Nienke de Haan):



FEIT

Begin met het feit als dat duidelijk en kernachtig is en makkelijk blijft hangen – houd het eenvoudig, concreet en aannemelijk. Het moet 'passen' bij het verhaal.

**WAARSCHUW
VOOR DE MYTHE**

Waarschuw vooraf dat je misinformatie gaat benoemen... vermeld de mythe maar één keer.

**LEG DE
DROGRENERING UIT**

Leg uit hoe de misinformatie misleidt.

FEIT

Eindig door het feit te bekrachtigen – indien mogelijk meerdere keren. Zorg ervoor dat het een alternatieve causale verklaring biedt.

Niet debunken maar prebunken.
Blijf de desinformatie voor.

→ *(dit is trouwens een bietenburger)*

Nederlands netwerk voor onderzoek naar klimaatobstructie

Een netwerk van onderzoekers die werken aan het analyseren, begrijpen en blootleggen van klimaatobstructie in Nederland

Het Climate Obstruction NL onderzoeksnetwerk verbindt academici, onderzoeksjournalisten en NGO-onderzoekers die zich bezighouden met klimaatobstructie in Nederland. Climate Obstruction NL is een netwerkorganisatie die zich richt op het bevorderen van kennisuitwisseling en onderzoekssamenwerking.

[Aangesloten onderzoekers](#)

[Over het netwerk](#)

Leer over klimaatobstructie

Nederland loopt al sinds de jaren tachtig voorop bij het erkennen van klimaatverandering. Helaas kan het niet worden beschouwd als een klimaatheld. Een deel van de vertraging in de uitvoering van effectief klimaatbeleid is te wijten aan de obstructie van regelgeving door industrieën met een hoge uitstoot en staatsactoren, die tactieken zoals twijfel zaaien en lobbyen gebruiken.



Search for posts in this group



Home



My Network



Jobs



Messaging



Notifications



Me



For Business



Post a job



Anne-Marie Pronk

Joined group: Oct 2024

Recent

- Klimaatjournaal
- ARK Jonge Rewilders Netwerk
- Prosumer Community of Inter...
- Klimaatpsychologie
- # wildernisineigenland

Groups

- Klimaatjournaal
- ARK Jonge Rewilders Netwerk
- Prosumer Community of Inter...

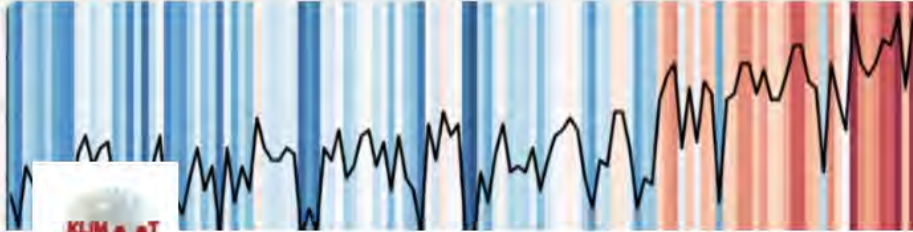
Show more

Events



Followed Hashtags

- # wildernisineigenland
 - # allesmoetoveralanders
- See all



Klimaatjournaal

Public group

Active Group



Start a public post



Photo



Video



Poll

All

Recommended



Pauline de Bruin • Following

redacteur/ wereldburger/ oprichter & eindredacteur klimaatjournaal

★ Admin • Admin • 4d

Klimaatverandering ingewikkeld? Zo maak je het behapbaar. Met mooie visuals van [Peggy Van der Auwera](#) in haar eerste artikel voor het [#Klimaatjournaal](#). Peggy laat drie uitdagingen zien, plus de oplossingen die daarbij horen. Lees ...more

2,175 members

Including Selina Roskam and 146 other connections



Invite connections

Show all

Admins



Niki van Wijk

2nd Owner

Brengt mensen graag in beweging | Begeleidt cultuurverandering vanuit DueNorth | Oprichter en schrijver bij het Klimaatjournaal | Activist voor klimaat- en socialerechtaardigheid



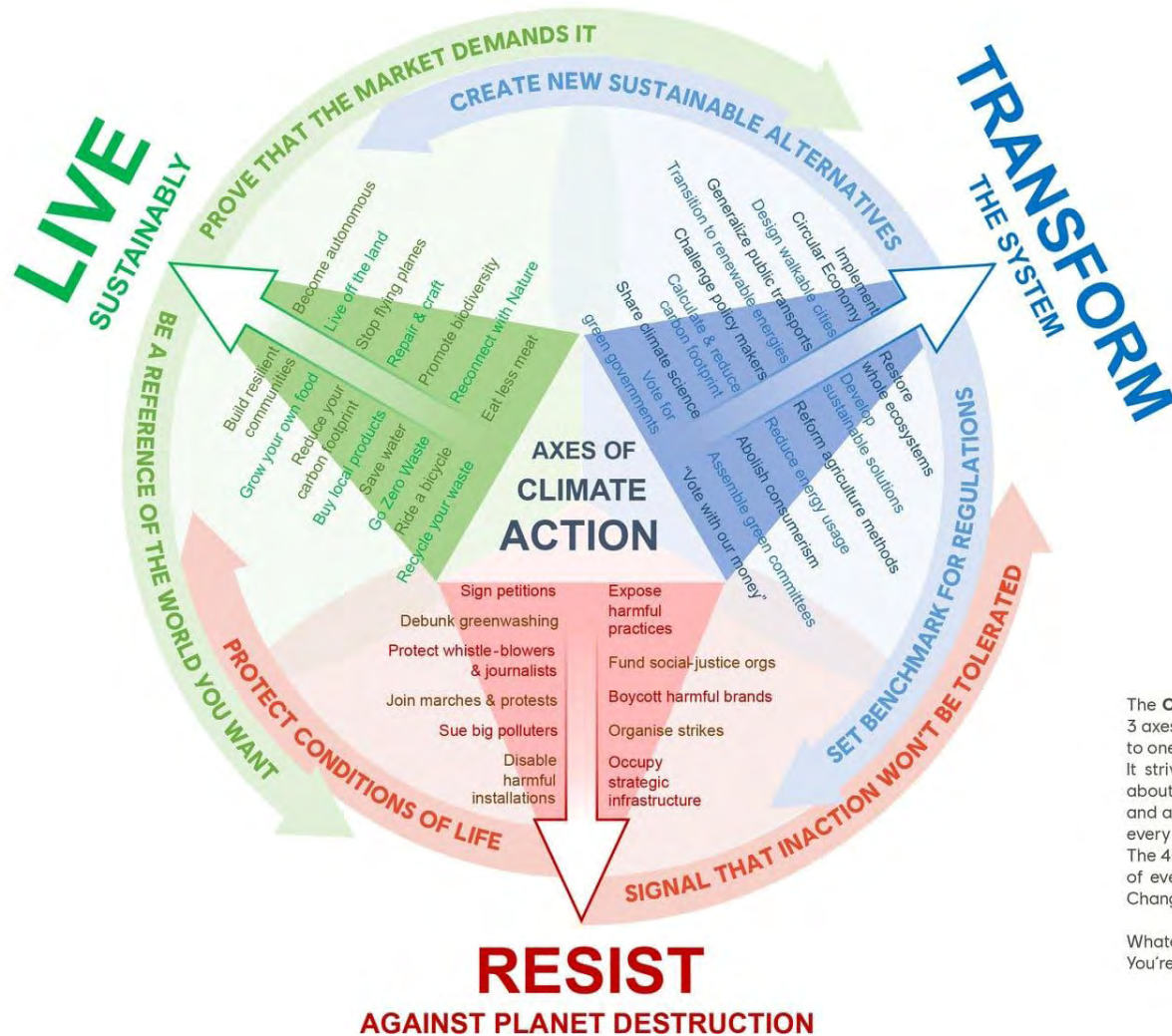
Pauline de Bruin

2nd Owner

redacteur/ wereldburger/ oprichter & eindred



Messaai



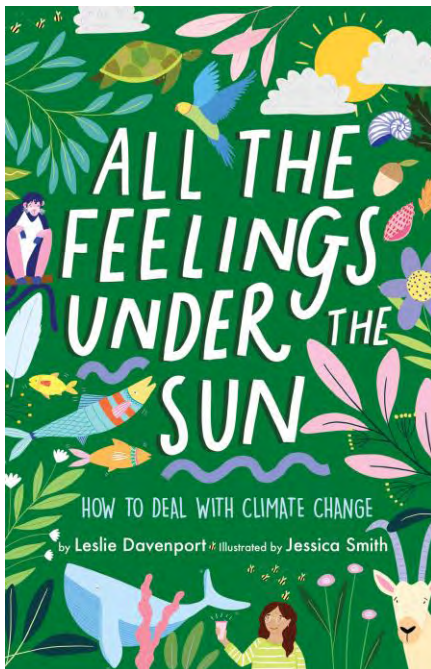
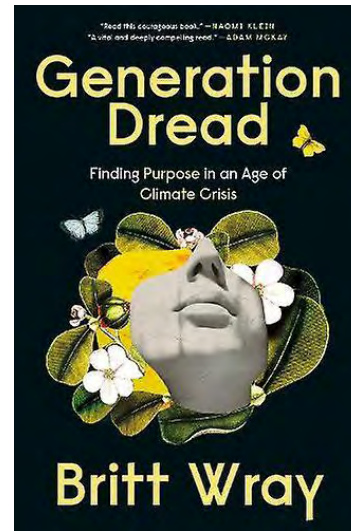
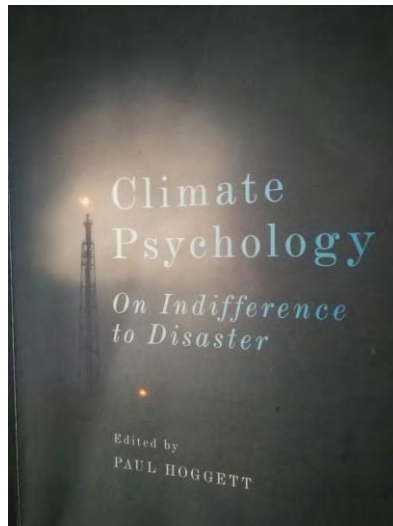
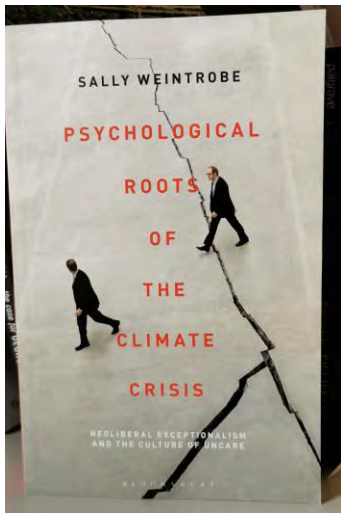
The **CLIMATE ACTION MAP** illustrates how the 3 axes of Climate Actions are mutually beneficial to one another.

It strives to ease arguments amongst activists about which path of action is the most useful, and alleviate the guilt of not being able to act in every axes at once.

The 40 actions included are only a few examples of everything one can do to help with Climate Change.

Whatever you're doing, keep doing it.
 You're making a difference!

Designed by **Arnaud Fayolle**



Meer lezen over welbewust verwarring zaaien, onderzoekers op BlueSky, starters pack::

arter-pack/klimaatzuster.bsky.social/3lbafftj172e

The screenshot shows a BlueSky social media interface. On the left is a navigation sidebar with icons for Home, Search, Notifications, Chat, Feeds, Lists, Profile, and Settings, along with a 'New Post' button. The main content area displays a post by the user 'arter-pack' with the title 'My heroes: fighters against climate disinformation'. Below the title is a list of three people followed by the user: Anne-Marie Pronk, Nienke de Haan, and Dr. Aaron Thierry. Each person's profile includes their name, handle, a 'Following' status, and a short bio. The bio for Anne-Marie Pronk mentions her work with ARK Rewilding NL and Groen Pensioen. Nienke de Haan's bio describes her as a 'stubborn optimist' interested in science misinformation. Dr. Aaron Thierry's bio identifies him as a graduate student at Cardiff University researching science and scientists in the climate movement. The post also includes a 'Share' button and a three-dot menu icon.

My heroes: fighters against climate disinformation
by you

People exposing organisations sabotaging climate policy

People Posts

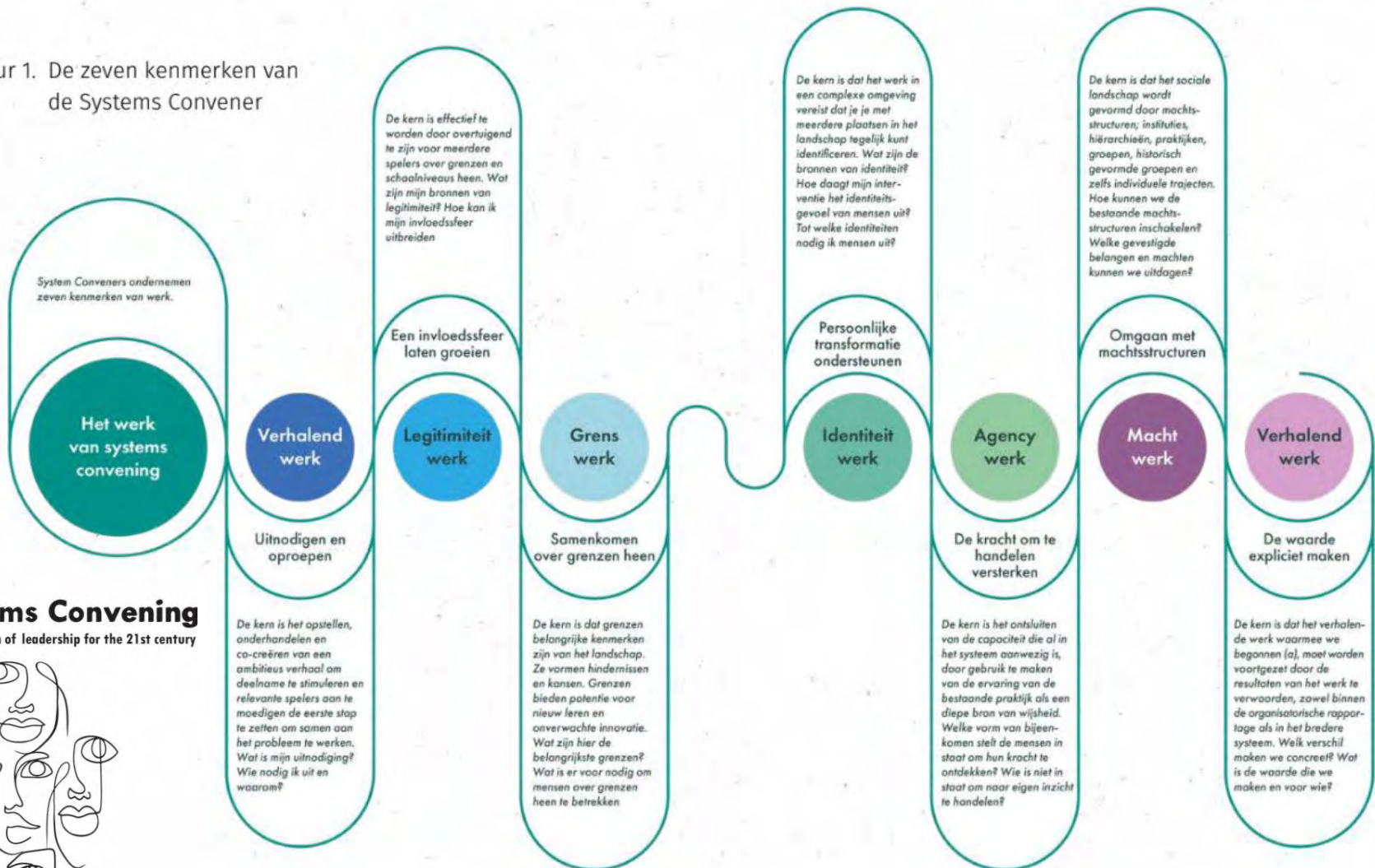
Anne-Marie Pronk
@klimaatzuster.bsky.social
Works on a network of rewilders for ARK Rewilding NL and as a volunteer on fossil-free pensions for the citizens' initiative Groen Pensioen. Worked for 16 years as a climate activist for, among others, Urgenda and Klimaatverbond Nederland

Nienke de Haan
@nienkehaan.bsky.social
Follows You
Stubborn optimist interested in science misinformation, volunteer @skepticalscience.bsky.social. Tries to be a critical thinker when it matters, imagines a future. Posts in English & Dutch

Dr. Aaron Thierry
@thierryaaron.bsky.social
Following
Graduate student at Cardiff University - researching the role of science and scientists in the climate movement. PhD in Ecology. Activism. Climate communications.

Sander van der Linden
@profsanderlinden.bsky.social
Following
Professor of Social Psychology in Society at University of Cambridge and Author of FOOLPROOF: Why We Fall for Misinformation and How to Build Immunity + The Psychology of Misinformation. Bad News Game. ...

Figuur 1. De zeven kenmerken van de Systems Convener



Systems Convening
A crucial form of leadership for the 21st century



Etienne and Beverly Wenger-Trayner

Leestip voor iedereen die werkt aan in beweging krijgen collega's en leidinggevenden: System Convening, Nlse vertaling door Duurzaam Door Cees Anton de Vries.

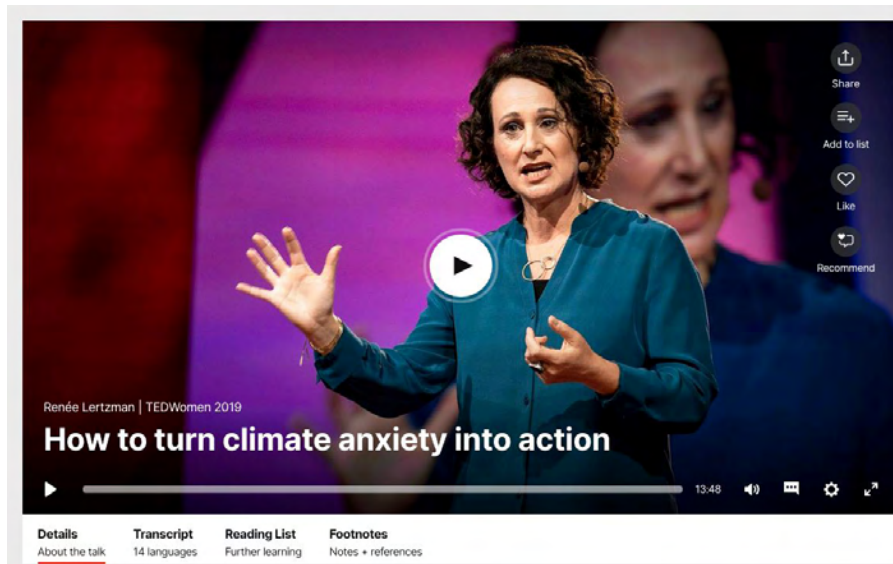


Snel bijlezen/ links naar filmpjes:

- Klimaatpsychologie Alliantie
<https://climatepsychologyalliance.org/> Internationaal: <https://klimaatpsychologiealliantie.com/>
- Klimaatgesprekken: www.klimaatgesprekken.nl GB: <http://www.carbonconversations.co.uk/>
- Klimaatpsycholoog dr. Renee Lertzman: Tackle apathy and denial: <https://www.climate2020.org.uk/tackling-apathy-denial/> (filmpje) How to talk about climate change: <https://www.youtube.com/watch?v=RkklaXhbTuA> (TED women 2019) dr. Renee Lertzman How to turn climate anxiety into action
- YouTube kanaal van initiatiefnemer **Climate Conversations Rosemary Randall**
<https://www.youtube.com/watch?v=xMH3SgO4rKY>
- **Impact Academy** Lars Moratis courses about behavior and sustainability www.impact-academy.nl
- Katharine Hayhoe lezing UvA 30 mei 2022
https://video.uva.nl/media/UvA+lecture+Katharine+Hayhoe+/0_uvf9y6qb/66974
- Klassieker: **Psychology for a better world** Nikki Harre, over kracht van storytelling
https://www.youtube.com/watch?v=2zExibEV_PY&t=10s
- Projectinsideout.net
- Innerdevelopmentgoals.org (om de Sustainable Development Goals in de versnelling te krijgen)
- Bioneers.org netwerk van netwerken van organisaties die aan natuurherstel werken
- IPBES Wereldwijd natuurwaarden onderzoek https://ipbes.net/media_release/Values_Assessment_Published
- Sociale tippingpoint coalitie www.socialetippingpointcoalitie.nl
- Climate Mental Health <https://www.climatementalhealth.net/resources>

Twitterlijst Klimaatpsychologie <https://twitter.com/i/lists/1204496156035862528?s=20>

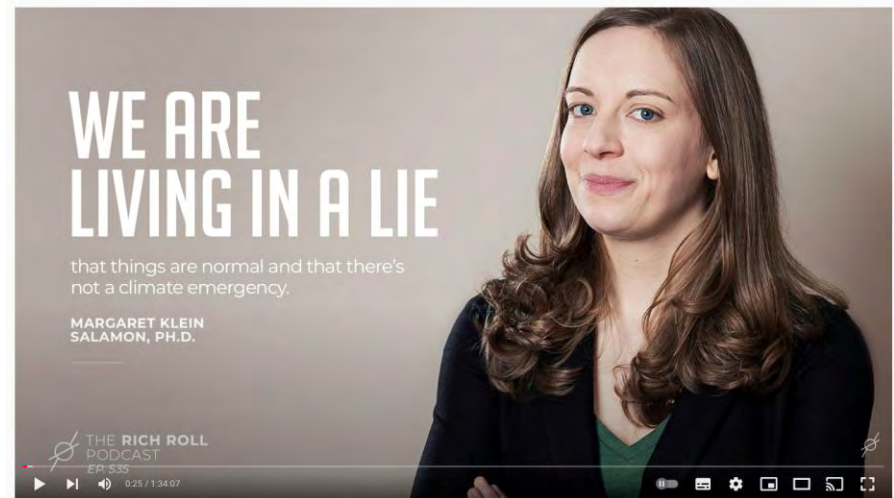
Overzicht klimaatinitiatieven, literatuur, filmpjes etc. zie links www.klimaatzuster.nl



Details About the talk
Transcript 14 languages
Reading List Further learning
Footnotes Notes + references

It's normal to feel anxious or overwhelmed by climate change, says psychologist Renée Lertzman. Can we turn those feelings into something constructive? In an affirming talk, Lertzman discusses the emotional effects of

2,168,054 views



Tools For The Climate Emergency: Margaret Klein Salamon, PhD | Rich Roll Podcast

↳ Anne-Marie Pronk heeft geretweet



Aaron Thierry @ThierryAaron · 3 okt.

People's emotions need to be "validated before they feel that they can take action" says @MaryHeglar in conversation with @DrKateMarvel @DrKWilkinson and @kendrawr at the @earthinstitute



The New Climate Story

The New Climate Story February 11, 2020 Facing rapid climate change, many in society have raced t...

🔗 youtube.com



Climate Psychology @ClimatePsychol · 13 aug.

Climate psychologist and CPA founder member Rosemary Randall has produced a series of short videos on the emotions of the #ClimateCrisis. A fabulous resource



Six short videos on Coping with the Climate Crisis

Just before lockdown my son made these six short videos on 'Coping with the climate crisis' in which I talk about the emotional dimensions...

🔗 rorandall.org

↳ Anne-Marie Pronk heeft geretweet



Evanne Nowak @evannenowak · 25 feb.

"We should articulate rather than suppress our emotions about climate change, acknowledging that emotional responses of grief, fear and anger are realistic rather than irrational. (..) Eventually these conversations (..) will puncture our collective denial." #ecologicalgrief



Lesley Head @ProfLesleyHead · 25 feb.

My paper today in @NatureClimate rdcu.be/b17sT draws on Kari Norgaard's 'double reality' - the disjunct between the everyday and the unimaginable. Captured in @HughFullagar's pano of Callala Bay NSW, taken NYE 2019. #CurrowanFire visible to the south.

