

# Supplementary File

SI\_2

Public perceptions on human health risks of climate change in Cyprus: temporal survey trends (2018 and 2021)

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## Supplementary tables

**Table S1.** Regrouping of categorical variables for chi-square test assumption compliance. Only categories that have been modified are presented in the table. Categories that were not affected are not shown.

Questions	Original categories	Re-grouped categories
In general, would you say your health is	Poor Average	Poor or Average
Do you see evidence of climate change on the planet?	Moderately Slightly Not at all	Moderately or Slightly or Not at all
With environmental factors in mind, such as climate change, pollution and (toxic) waste, how often do you think will the following health issues occur in 2031 (in 10 years) compared to now, in Cyprus?	About the same Somewhat less Much less	About the same or less
To what degree do you think that the following factors are being influenced by climate change?	Moderately influenced Slightly influenced Not influenced	Moderately, Slightly or Not influenced
To what degree do you think that the following factors are being influenced by climate change?	Not too important Not important at all Don't know	Not too important or Not at all important or Don't know
How dangerous do you think the following environmental exposures are for your health?	Somewhat minor danger No danger at all Don't know	Somewhat minor danger or No danger at all or Don't know
Now thinking of some specific illnesses, do you think environmental factors play a major role, minor role or no role at all in causing the following illnesses?	No role at all Don't know	No role at all or Don't know
In your opinion, how much can people like you do to protect yourself from the following?	Nothing at all Don't know	Nothing at all or Don't know
How reliable do you consider the following information sources to be?	Quite a bit reliable Extremely reliable	Quite a bit reliable or Extremely reliable
Some people say they do not have enough information about the discussed topics. How about you? Do you have enough information about this or would you like more information?	No, and I don't wish to have more information Don't know	No, and I don't wish to have more information or Don't know

Which is the highest level of education which you have successfully completed? Please include any training that you have received within your work.	I have never been to school	Non-university
	High School/ Vocational High School (diploma)	
	Higher (after high school) non-tertiary Education	
	Higher Tertiary Education (non-university)	Postgraduate or PhD
	University- Postgraduate (Master's Degree)	
	PhD	

**Table S2.** Perceived evidence of climate change on the planet for the years 2018 and 2021 (Question: "Do you see evidence of climate change on the planet?")

	2018	2021	p-value
Number of responses	185	201	
<b>Do you see evidence of climate change on the planet?</b>			0.200
Extremely	78 (42.2)	98 (48.8)	
Quite a bit	79 (42.7)	68 (33.8)	
Moderately or Slightly or Not at all	28 (15.1)	35 (17.4)	

**Table S3.** Perceived frequency of health issues in 10 years as effect of environmental factors for the years 2018 and 2021 (Question: "With environmental factors in mind such as climate change, pollution and toxic waste how often do you think will the following health issues occur in 10 years compared to now in Cyprus?")

	2018	2021	p-value
Number of responses	185	201	
<b>The amount of people with an injury (%)</b>			0.346
Much more	30 (16.2)	28 (13.9)	
Somewhat more	73 (39.5)	69 (34.3)	
About the same or less	82 (44.3)	104 (51.7)	
<b>The amount of people with asthma (%)</b>			0.889
Much more	92 (49.7)	95 (47.3)	
Somewhat more	78 (42.2)	89 (44.3)	
About the same or less	15 (8.1)	17 (8.5)	
<b>The amount of people with cancer (%)</b>			0.331
Much more	102 (55.1)	96 (47.8)	
Somewhat more	65 (35.1)	80 (39.8)	
About the same or less	18 (9.7)	25 (12.4)	
<b>The amount of people with obesity (%)</b>			0.484

	2018	2021	p-value
Much more	60 (32.4)	74 (36.8)	0.833
Somewhat more	78 (42.2)	73 (36.3)	
About the same or less	47 (25.4)	54 (26.9)	
<b>The amount of people with diabetes type 2 (%)</b>			
Much more	55 (29.7)	62 (30.8)	0.269
Somewhat more	81 (43.8)	82 (40.8)	
About the same or less	49 (26.5)	57 (28.4)	
<b>The amount of people with high blood pressure (%)</b>			
Much more	72 (38.9)	65 (32.3)	NA
Somewhat more	80 (43.2)	89 (44.3)	
About the same or less	33 (17.8)	47 (23.4)	
<b>The amount of people with bad mental health (%)</b>			
Much more	NA	108 (53)	NA
Somewhat more	NA	65 (32)	
About the same or less	NA	29 (14)	

**Table S4.** Perceived degree of how the following factors are being influenced by climate change for the years 2018 and 2021 (Question: “To what degree do you think that the following factors are being influenced by climate change?”)

	2018	2021	p-value
Number of responses	185	201	0.941
<b>Temperature rise (global warming) (%)</b>			
Extremely influenced	141 (76.2)	146 (77.7)	
Quite a bit influenced	32 (17.3)	31 (16.5)	0.985
Moderately Slightly or Not influenced	12 (6.5)	11 (5.9)	
<b>Extreme weather events (%)</b>			
Extremely influenced	137 (74.1)	139 (73.9)	0.994
Quite a bit influenced	36 (19.5)	36 (19.1)	
Moderately Slightly or Not influenced	12 (6.5)	13 (6.9)	
<b>Contamination of air (%)</b>			0.692
Extremely influenced	122 (65.9)	125 (66.5)	
Quite a bit influenced	40 (21.6)	40 (21.3)	
Moderately Slightly or Not influenced	23 (12.4)	23 (12.2)	0.692
<b>Contamination of water (%)</b>			
Extremely influenced	108 (58.4)	105 (55.9)	
Quite a bit influenced	45 (24.3)	53 (28.2)	0.796
Moderately Slightly or Not influenced	32 (17.3)	30 (16.0)	
<b>Contamination of food (%)</b>			
Extremely influenced	96 (51.9)	91 (48.4)	0.796
Quite a bit influenced	52 (28.1)	57 (30.3)	
Moderately Slightly or Not influenced	37 (20.0)	40 (21.3)	

	2018	2021	p-value
<b>Contamination of land (%)</b>			0.649
Extremely influenced	101 (54.6)	109 (58.0)	
Quite a bit influenced	50 (27.0)	43 (22.9)	
Moderately Slightly or Not influenced	34 (18.4)	36 (19.1)	
<b>Radiation level (%)</b>			0.097
Extremely influenced	101 (54.6)	123 (65.4)	
Quite a bit influenced	52 (28.1)	42 (22.3)	
Moderately Slightly or Not influenced	32 (17.3)	23 (12.2)	

**Table S5.** Perceived role of environmental factors in causing illnesses for the years 2018 and 2021 (Question: "Do you think environmental factors play a major role minor role or no role at all in causing the following illnesses?")

	2018	2021	P-value
Number of responses	185	201	
<b>Cancer in children, such as leukemia (%)</b>			0.188
Major role	142 (76.8)	142 (70.6)	
Minor role	24 (13.0)	40 (19.9)	
No role at all or Don't know	19 (10.3)	19 (9.5)	
<b>Infertility (%)</b>			0.738
Major role	93 (50.3)	101 (50.2)	
Minor role	62 (33.5)	62 (30.8)	
No role at all or Don't know	30 (16.2)	38 (18.9)	
<b>Asthma in children (%)</b>			0.046
Major role	154 (83.2)	149 (74.1)	
Minor role	20 (10.8)	40 (19.9)	
No role at all or Don't know	11 (5.9)	12 (6.0)	
<b>Sinus and allergies problems (%)</b>			0.569
Major role	164 (88.6)	172 (85.6)	
Minor role	16 (8.6)	24 (11.9)	
No role at all or Don't know	5 (2.7)	5 (2.5)	
<b>Birth defects (%)</b>			0.924
Major role	98 (53.0)	104 (51.7)	
Minor role	54 (29.2)	58 (28.9)	
No role at all or Don't know	33 (17.8)	39 (19.4)	
<b>Breast cancer (%)</b>			0.260
Major role	103 (55.7)	98 (48.8)	
Minor role	43 (23.2)	61 (30.3)	
No role at all or Don't know	39 (21.1)	42 (20.9)	
<b>High blood pressure (%)</b>			0.458
Major role	89 (48.1)	84 (41.8)	
Minor role	66 (35.7)	81 (40.3)	
No role at all or Don't know	30 (16.2)	36 (17.9)	
<b>Colds and flus (%)</b>			0.529

	2018	2021	P-value
Major role	88 (47.6)	85 (42.3)	0.239
Minor role	72 (38.9)	83 (41.3)	
No role at all or Don't know	25 (13.5)	33 (16.4)	
<b>Prostate cancer (%)</b>			
Major role	79 (42.7)	82 (40.8)	0.052
Minor role	48 (25.9)	67 (33.3)	
No role at all or Don't know	58 (31.4)	52 (25.9)	
<b>Brain cancer (%)</b>			
Major role	105 (56.8)	93 (46.3)	0.524
Minor role	39 (21.1)	63 (31.3)	
No role at all or Don't know	41 (22.2)	45 (22.4)	
<b>Asthma in adults (%)</b>			
Major role	145 (78.4)	149 (74.1)	0.191
Minor role	27 (14.6)	38 (18.9)	
No role at all or Don't know	13 (7.0)	14 (7.0)	
<b>Obesity (%)</b>			
Major role	66 (35.7)	86 (42.8)	0.278
Minor role	68 (36.8)	74 (36.8)	
No role at all or Don't know	51 (27.6)	41 (20.4)	
<b>Diabetes type 2 (%)</b>			
Major role	77 (41.6)	76 (37.8)	0.098
Minor role	54 (29.2)	74 (36.8)	
No role at all or Don't know	54 (29.2)	51 (25.4)	
<b>Thyroid cancer (%)</b>			
Major role	107 (57.8)	99 (49.3)	0.295
Minor role	38 (20.5)	60 (29.9)	
No role at all or Don't know	40 (21.6)	42 (20.9)	
<b>Vector borne diseases (%)</b>			
Major role	116 (62.7)	112 (55.7)	0.140
Minor role	46 (24.9)	64 (31.8)	
No role at all or Don't know	23 (12.4)	25 (12.4)	
<b>Infectious diseases (%)</b>			
Major role	88 (47.6)	77 (38.3)	0.096
Minor role	53 (28.6)	74 (36.8)	
No role at all or Don't know	44 (23.8)	50 (24.9)	

**Table S6.** Perceived amount of action for protection against infectious diseases and health problems caused by environmental problems for the years 2018 and 2021 (Question: "In your opinion, how much can people like you do to protect yourself from the following?")

	2018	2021	p-value
Number of responses	185	201	0.096
<b>Infectious diseases such as measles, tuberculosis (%)</b>			
A great deal	73 (39.5)	92 (45.8)	

	2018	2021	p-value
Moderate amount	75 (40.5)	81 (40.3)	0.273
A little	21 (11.4)	22 (10.9)	
Nothing at all or Don't know	16 (8.6)	6 (3.0)	
<b>Health problems caused by environmental problems such as climate change, pollution or (toxic)waste (%)</b>			
A great deal	76 (41.1)	88 (43.8)	
Moderate amount	49 (26.5)	63 (31.3)	
A little	43 (23.2)	40 (19.9)	
Nothing at all or Don't know	17 (9.2)	10 (5.0)	

**Table S7.** Perceived importance level of environmental factors in causing diseases for the years 2018 and 2021 (Question: "How important do you think environmental factors are in causing diseases?")

	2018	2021	p-value
Number of responses	185	201	0.674
<b>How important do you think environmental factors are in causing diseases?</b>			
Very important	149 (80.5)	155 (77.1)	
Somewhat important	30 (16.2)	37 (18.4)	
Not too important or Not at all important or Don't know	6 (3.2)	9 (4.5)	

**Table S8.** Perceived danger level of environmental factors for health for the years 2018 and 2021 (Question: "How dangerous do you think the following environmental exposures are for your health?")

	2018	2021	p
Number of responses	185	201	0.154
<b>Air pollution (%)</b>			
Very serious danger	153 (82.7)	150 (74.6)	
Somewhat serious danger	28 (15.1)	44 (21.9)	0.072
Somewhat minor danger or No danger at all or Don't know	4 (2.2)	7 (3.5)	
<b>Water pollution (%)</b>			
Very serious danger	149 (80.5)	143 (71.1)	0.138
Somewhat serious danger	28 (15.1)	49 (24.4)	
Somewhat minor danger or No danger at all or Don't know	8 (4.3)	9 (4.5)	
<b>Chemicals in water and food (%)</b>			0.025
Very serious danger	158 (85.4)	156 (77.6)	
Somewhat serious danger	22 (11.9)	38 (18.9)	
Somewhat minor danger or No danger at all or Don't know	5 (2.7)	7 (3.5)	
<b>(Toxic) waste (%)</b>			
Very serious danger	154 (83.2)	144 (71.6)	
Somewhat serious danger	24 (13.0)	43 (21.4)	
Somewhat minor danger or No danger at all or Don't know	7 (3.8)	14 (7.0)	

	2018	2021	p
<b>Heatwave (%)</b>			0.216
Very serious danger	73 (39.5)	88 (43.8)	
Somewhat serious danger	90 (48.6)	81 (40.3)	
Somewhat minor danger or No danger at all or Don't know	22 (11.9)	32 (15.9)	
<b>Flooding (%)</b>			0.726
Very serious danger	52 (28.1)	64 (31.8)	
Somewhat serious danger	79 (42.7)	81 (40.3)	
Somewhat minor danger or No danger at all or Don't know	54 (29.2)	56 (27.9)	
<b>Water scarcity (%)</b>			0.502
Very serious danger	99 (53.5)	106 (52.7)	
Somewhat serious danger	68 (36.8)	68 (33.8)	
Somewhat minor danger or No danger at all or Don't know	18 (9.7)	27 (13.4)	
<b>Agricultural pollution (%)</b>			0.724
Very serious danger	112 (60.5)	119 (59.2)	
Somewhat serious danger	58 (31.4)	69 (34.3)	
Somewhat minor danger or No danger at all or Don't know	15 (8.1)	13 (6.5)	
<b>Noise pollution (%)</b>			0.213
Very serious danger	45 (24.3)	65 (32.3)	
Somewhat serious danger	73 (39.5)	69 (34.3)	
Somewhat minor danger or No danger at all or Don't know	67 (36.2)	67 (33.3)	
<b>Consumption habits (%)</b>			0.578
Very serious danger	74 (40.0)	91 (45.3)	
Somewhat serious danger	70 (37.8)	69 (34.3)	
Somewhat minor danger or No danger at all or Don't know	41 (22.2)	41 (20.4)	
<b>Invasive species (%)</b>			0.452
Very serious danger	37 (20.0)	50 (24.9)	
Somewhat serious danger	69 (37.3)	75 (37.3)	
Somewhat minor danger or No danger at all or Don't know	79 (42.7)	76 (37.8)	
<b>Exhaustion of natural resources (%)</b>			0.724
Very serious danger	98 (53.0)	100 (49.8)	
Somewhat serious danger	64 (34.6)	71 (35.3)	
Somewhat minor danger or No danger at all or Don't know	23 (12.4)	30 (14.9)	
<b>Biodiversity loss (%)</b>			0.800
Very serious danger	87 (47.0)	96 (47.8)	
Somewhat serious danger	62 (33.5)	71 (35.3)	
Somewhat minor danger or No danger at all or Don't know	36 (19.5)	34 (16.9)	
<b>Soil degradation (%)</b>			0.141
Very serious danger	82 (44.3)	93 (46.3)	
Somewhat serious danger	75 (40.5)	65 (32.3)	
Somewhat minor danger or No danger at all or Don't know	28 (15.1)	43 (21.4)	
<b>SARS-CoV-2 (virus causing COVID-19) (%)</b>			NA
Very serious danger	NA	77 (38)	
Somewhat serious danger	NA	67 (33)	

	2018	2021	p
Somewhat minor danger or No danger at all or Don't know	NA	58 (29)	

**Table S9.** Perceived reliability of information sources in 2018 and 2021 (Question: “How reliable do you consider the following information sources to be?”)

	2018	2021	p-value
Number of responses	185	201	
<b>Social media and internet (%)</b>			0.001
Extremely reliable or Quite a bit reliable	66 (35.7)	37 (18.4)	
Moderately reliable	77 (41.6)	95 (47.3)	
Slightly reliable	28 (15.1)	45 (22.4)	
Not at all reliable	14 (7.6)	24 (11.9)	
<b>Television news (%)</b>			0.003
Extremely reliable or Quite a bit reliable	98 (53.0)	70 (34.8)	
Moderately reliable	56 (30.3)	79 (39.3)	
Slightly reliable	22 (11.9)	33 (16.4)	
Not at all reliable	9 (4.9)	19 (9.5)	
<b>Films and documentaries on television (%)</b>			0.003
Extremely reliable or Quite a bit reliable	149 (80.5)	131 (65.2)	
Moderately reliable	32 (17.3)	55 (27.4)	
Slightly reliable	4 (2.2)	10 (5.0)	
Not at all reliable	0 (0.0)	5 (2.5)	
<b>Conversations with relative's family, friends, neighbors, etc. (%)</b>			0.125
Extremely reliable or Quite a bit reliable	36 (19.5)	25 (12.4)	
Moderately reliable	71 (38.4)	88 (43.8)	
Slightly reliable	60 (32.4)	59 (29.4)	
Not at all reliable	18 (9.7)	29 (14.4)	
<b>Newspapers (%)</b>			0.350
Extremely reliable or Quite a bit reliable	87 (47.0)	79 (39.3)	
Moderately reliable	64 (34.6)	82 (40.8)	
Slightly reliable	27 (14.6)	28 (13.9)	
Not at all reliable	7 (3.8)	12 (6.0)	
<b>Medical doctors (%)</b>			0.328
Extremely reliable or Quite a bit reliable	141 (76.2)	149 (74.1)	
Moderately reliable	33 (17.8)	42 (20.9)	
Slightly reliable	10 (5.4)	6 (3.0)	
Not at all reliable	1 (0.5)	4 (2.0)	
<b>Education/Lectures/Courses (%)</b>			0.258
Extremely reliable or Quite a bit reliable	165 (89.2)	170 (84.6)	
Moderately reliable	15 (8.1)	26 (12.9)	
Slightly reliable	4 (2.2)	2 (1.0)	
Not at all reliable	1 (0.5)	3 (1.5)	
<b>Publications, brochures or information materials (%)</b>			0.228

	2018	2021	p-value
Extremely reliable or Quite a bit reliable	145 (78.4)	141 (70.1)	0.129
Moderately reliable	29 (15.7)	47 (23.4)	
Slightly reliable	9 (4.9)	9 (4.5)	
Not at all reliable	2 (1.1)	4 (2.0)	
<b>The radio (%)</b>			
Extremely reliable or Quite a bit reliable	85 (45.9)	69 (34.3)	0.053
Moderately reliable	70 (37.8)	96 (47.8)	
Slightly reliable	21 (11.4)	26 (12.9)	
Not at all reliable	9 (4.9)	10 (5.0)	
<b>Magazines (%)</b>			
Extremely reliable or Quite a bit reliable	71 (38.4)	51 (25.4)	0.218
Moderately reliable	73 (39.5)	97 (48.3)	
Slightly reliable	30 (16.2)	37 (18.4)	
Not at all reliable	11 (5.9)	16 (8.0)	
<b>Books (%)</b>			
Extremely reliable or Quite a bit reliable	161 (87.0)	161 (80.1)	0.899
Moderately reliable	20 (10.8)	35 (17.4)	
Slightly reliable	4 (2.2)	4 (2.0)	
Not at all reliable	0 (0.0)	1 (0.5)	
<b>Events (Conferences, fairs, exhibitions, festivals, etc.) (%)</b>			
Extremely reliable or Quite a bit reliable	146 (78.9)	157 (78.1)	0.307
Moderately reliable	31 (16.8)	35 (17.4)	
Slightly reliable	3 (1.6)	5 (2.5)	
Not at all reliable	5 (2.7)	4 (2.0)	
<b>Politicians (%)</b>			
Extremely reliable or Quite a bit reliable	12 (6.5)	12 (6.0)	0.307
Moderately reliable	31 (16.8)	48 (23.9)	
Slightly reliable	55 (29.7)	61 (30.3)	
Not at all reliable	87 (47.0)	80 (39.8)	

**Table S10.** Perceived information availability for the state of the environment in community, the climate change impact on the Cypriot population and the protection from consequences of climate change in 2018 and 2021 (Question: "Do you have enough information about the following topics or would you like more information?")

	2018	2021	p value*
Number of responses	185	201	
<b>The state of the environment in your community (%)</b>			0.035
Yes, I have enough information	24 (13.0)	34 (16.9)	
No, I would like more information	157 (84.9)	153 (76.1)	
No, and I don't wish to have more information or don't know	4 (2.2)	14 (7.0)	
<b>The impact of climate change on the Cypriot population (%)</b>			0.246
Yes, I have enough information	18 (9.7)	26 (12.9)	
No, I would like more information	161 (87.0)	163 (81.1)	

	2018	2021	p value*
No, and I don't wish to have more information or don't know	6 (3.2)	12 (6.0)	0.095
<b>What they can do to protect themselves and their family from environmental health problems (%)</b>			
Yes, I have enough information	19 (10.3)	30 (14.9)	
No, I would like more information	161 (87.0)	159 (79.1)	0.065
No, and I don't wish to have more information or don't know	5 (2.7)	12 (6.0)	
<b>What they can do to protect themselves and their family from consequences of climate change (%)</b>			
Yes, I have enough information	16 (8.6)	30 (14.9)	0.065
No, I would like more information	162 (87.6)	158 (78.6)	
No, and I don't wish to have more information or don't know	7 (3.8)	13 (6.5)	

**Table S11.** Preference on information sources future use to receive information regarding environmental health risks in 2018 and 2021 (Question: "Choose up to 5 ways of how you would like to receive information regarding environmental health risks").

Sources of information	2018 N (%)	2021 N (%)
Social media and the Internet	133 (72)	137 (68)
Television news	103 (56)	108 (55)
Publications, brochures or information materials	100 (54)	62 (31)
Education / Lectures / Courses	94 (51)	98 (49)
Films and documentaries on television	93 (50)	102 (51)
Events (conferences, fairs exhibitions, festivals, etc.)	80 (43)	22 (11)
Newspapers	52 (28)	53 (26)
Radio	50 (27)	21 (10)
Medical doctors	48 (26)	76 (38)
Books	29 (16)	22 (11)
Conversations with relatives, family, friends, neighbours, etc.	20 (11)	30 (15)
Magazines	17 (9)	50 (25)
Politicians	6 (3)	108 (54)
Other	8 (4)	6 (3)

**Table S12.** Self-assessed health for years 2018 and 2021 (Question: "In general, would you say your health is")

	2018	2021	p-value
Number of responses	185	201	

	2018	2021	p-value
<b>Health status (%)</b>			0.105
Excellent	46 (24.9)	68 (33.8)	
Very good	105 (56.8)	99 (49.3)	
Good	25 (13.5)	30 (14.9)	
Poor or Average	9 (4.9)	4 (2.0)	

**Table S13.** Self-assessed health scales characteristics for years 2018 and 2021

	Mean (SD)	Score Cronbach's alpha	Mean Score (SD)	Cronbach's alpha
Scale (no. of items)	2018	2018	2021	2021
Physical functioning (10)	88.4 (17.3)	0.89	92.95 (11.7)	0.84
Role limitations due to physical health (4)	77.6 (33.4)	0.82	81.31 (31.5)	0.82
Role limitations due to emotional problems (3)	69.6 (37.3)	0.74	66.50 (41.7)	0.86
Energy/fatigue (4)	53.8 (19.8)	0.76	54.61 (19.4)	0.79
Emotional well-being (5)	63.1 (19.2)	0.85	60.42 (20.0)	0.84
Social functioning (2)	75.5 (24.2)	0.84	74.88 (22.8)	0.70
General health (5)	67.19 (17.92)	0.78	70.30 (16.5)	0.71
Health change (1)	52.3 (16.6)	-	55.07 (18.9)	-

**Table S14.** Perceived evidence of climate change on the planet by male and female for the years 2018 and 2021

	Female 2021	Male 2021	p-value	Female 2018	Male 2018	p-value
Number of responses	124	77		101	84	
<b>Do you see evidence of climate change on the planet?</b>			0.008			0.032
Extremely	70 (56.5)	28 (36.4)		45 (44.6)	34 (40.5)	
Quite a bit	39 (31.5)	29 (37.7)		47 (46.5)	31 (36.9)	
Moderately or Slightly or Not at all	15 (12.1)	20 (26.0)		9 (8.9)	19 (22.6)	

**Table S15.** Perceived importance level of environmental factors in causing diseases by male and female for the years 2018 and 2021

	Female 2021	Male 2021	p-value	Female 2018	Male 2018	p-value
Number of responses	124	77		101	84	

	Female	Male	p-value	Female	Male	p-value
	2021	2021		2018	2018	
<b>How important do you think environmental factors are in causing diseases?</b>			0.001			<0.001
Very important	106 (85.5)	49 (63.6)		91 (90.1)	58 (69.0)	
Somewhat important	16 (12.9)	21 (27.3)		10 (9.9)	20 (23.8)	
Not too important or Don't know	2 (1.6)	7 (9.1)		0 (0.0)	6 (7.1)	

**Table S16.** Perceived role of environmental factors in causing illnesses by male and female for the years 2018 and 2021

	Female	Male	p-value	Female	Male	p-value
	2021	2021		2018	2018	
Number of responses	124	77		101	84	
<b>Cancer in children, such as leukemia (%)</b>			0.024			0.009
Major role	96 (77.4)	46 (59.7)		86 (85.1)	56 (66.7)	
Minor role	18 (14.5)	22 (28.6)		7 ( 6.9)	17 (20.2)	
No role at all or Don't know	10 (8.1)	9 (11.7)		8 ( 7.9)	11 (13.1)	
<b>Infertility (%)</b>			0.254			0.050
Major role	68 (54.8)	33 (42.9)		59 (58.4)	34 (40.5)	
Minor role	35 (28.2)	27 (35.1)		29 (28.7)	33 (40.5)	
No role at all or Don't know	21 (16.9)	17 (22.1)		13 (12.9)	17 (20.2)	
<b>Asthma in children (%)</b>			0.382			0.512

	Female 2021	Male 2021	p- value	Female 2018	Male 2018	p- value
Major role	96 (77.4)	53 (68.8)		87 (86.1)	67 (79.8)	
Minor role	22 (17.7)	18 (23.4)		9 ( 8.9)	11 (13.1)	
No role at all or Don't know	6 (4.8)	6 (7.8)		5 (5.0)	6 (7.1)	
<b>Sinus and allergies problems (%)</b>			0.006			<0.001
Major role	112 (90.3)	60 (77.9)		98 (97.0)	66 (78.6)	
Minor role	12 (9.7)	12 (15.6)		2 ( 2.0)	14 (16.7)	
No role at all or Don't know	0 (0.0)	5 (6.5)		1 (1.0)	4 (4.8)	
<b>Birth defects (%)</b>			0.007			0.080
Major role	74 (59.7)	30 (39.0)		61 (60.4)	37 (44.0)	
Minor role	33 (26.6)	25 (32.5)		24 (23.8)	30 (35.7)	
No role at all or Don't know	17 (13.7)	22 (28.6)		16 (15.8)	17 (20.2)	
<b>Breast cancer (%)</b>			0.001			0.021
Major role	73 (58.9)	25 (32.5)		65 (64.4)	38 (45.2)	
Minor role	30 (24.2)	31 (40.3)		21 (20.8)	22 (26.2)	
No role at all or Don't know	21 (16.9)	21 (27.3)		15 (14.9)	24 (28.6)	
<b>High blood pressure (%)</b>			0.050			0.096
Major role	59 (47.6)	25 (32.5)		55 (54.5)	34 (40.5)	
Minor role	48 (38.7)	33 (42.9)		34 (33.7)	32 (38.1)	
No role at all or Don't know	17 (13.7)	19 (24.7)		12 (11.9)	18 (21.4)	
<b>Colds and flus (%)</b>			0.001			0.111
Major role	59 (47.6)	26 (33.8)		55 (54.5)	33 (39.3)	
Minor role	54 (43.5)	29 (37.7)		35 (34.7)	37 (44.0)	
No role at all or Don't know	11 (8.9)	22 (28.6)		11 (10.9)	14 (16.7)	
<b>Prostate cancer (%)</b>			0.003			<0.001

	Female 2021	Male 2021	p- value	Female 2018	Male 2018	p- value
Major role	62 (50.0)	20 (26.0)		58 (57.4)	21 (25.0)	
Minor role	36 (29.0)	31 (40.3)		19 (18.8)	29 (34.5)	
No role at all or Don't know	26 (21.0)	26 (33.8)		24 (23.8)	34 (40.5)	
<b>Brain cancer (%)</b>			0.001			0.015
Major role	70 (56.5)	23 (29.9)		67 (66.3)	38 (45.2)	
Minor role	32 (25.8)	31 (40.3)		17 (16.8)	22 (26.2)	
No role at all or Don't know	22 (17.7)	23 (29.9)		17 (16.8)	24 (28.6)	
<b>Asthma in adults (%)</b>			<0.001			0.096
Major role	104 (83.9)	45 (58.4)		85 (84.2)	60 (71.4)	
Minor role	15 (12.1)	23 (29.9)		10 ( 9.9)	17 (20.2)	
No role at all or Don't know	5 (4.0)	9 (11.7)		6 (5.9)	7 (8.3)	
<b>Obesity (%)</b>			0.004			0.014
Major role	62 (50.0)	24 (31.2)		40 (39.6)	26 (31.0)	
Minor role	45 (36.3)	29 (37.7)		42 (41.6)	26 (31.0)	
No role at all or Don't know	17 (13.7)	24 (31.2)		19 (18.8)	32 (38.1)	
<b>Diabetes type 2 (%)</b>			0.005			0.036
Major role	57 (46.0)	19 (24.7)		50 (49.5)	27 (32.1)	
Minor role	43 (34.7)	31 (40.3)		28 (27.7)	26 (31.0)	
No role at all or Don't know	24 (19.4)	27 (35.1)		23 (22.8)	31 (36.9)	
<b>Thyroid cancer (%)</b>			0.006			0.036
Major role	72 (58.1)	27 (35.1)		67 (66.3)	40 (47.6)	
Minor role	30 (24.2)	30 (39.0)		17 (16.8)	21 (25.0)	
No role at all or Don't know	22 (17.7)	20 (26.0)		17 (16.8)	23 (27.4)	
<b>Vector borne diseases (%)</b>			<0.001			<0.001

	Female 2021	Male 2021	p- value	Female 2018	Male 2018	p- value
Major role	80 (64.5)	32 (41.6)		78 (77.2)	38 (45.2)	
Minor role	37 (29.8)	27 (35.1)		15 (14.9)	31 (36.9)	
No role at all or Don't know	7 (5.6)	18 (23.4)		8 (7.9)	15 (36.9)	
<b>Infectious diseases (%)</b>			<0.001			0.004
Major role	58 (46.8)	19 (24.7)		59 (58.4)	29 (34.5)	
Minor role	46 (37.1)	28 (36.4)		25 (24.8)	28 (33.3)	
No role at all or Don't know	20 (16.1)	30 (39.0)		17 (16.8)	27 (32.1)	
<b>COVID-19 (%)</b>			0.125			
Major role	51 (41.1)	26 (33.8)				
Minor role	43 (34.7)	22 (28.6)				
No role at all or Don't know	30 (24.2)	29 (37.7)				
<b>Mental health problems such as depression and anxiety (%)</b>			0.002			
Major role	84 (67.7)	37 (48.1)				
Minor role	35 (28.2)	27 (35.1)				
No role at all or Don't know	5 (4.0)	13 (16.9)				

**Table S17.** Perceived importance level of environmental factors in causing diseases by education level for the year 2021

	Non- university	University (Bachelor's degree)	Postgraduate or PhD	p- value
Number of responses	40	58	103	
<b>Do you see evidence of climate change on the planet?</b>				0.085
Extremely	17 (42.5)	25 (43.1)	56 (54.4)	
Quite a bit	15 (37.5)	17 (29.3)	36 (35.0)	

	Non-university	University (Bachelor's degree)	Postgraduate or PhD	p-value
Moderately or Slightly or Not at all	8 (20.0)	16 (27.6)	11 (10.7)	

**Table S18.** Perceived frequency of health issues in 10 years as effect of environmental factors by educational level for 2021.

	Non-university	University (Bachelor's degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>The amount of people with an injury (%)</b>				0.400
Much more	7 (17.5)	8 (13.8)	13 (12.6)	
Somewhat more	9 (22.5)	24 (41.4)	36 (35.0)	
About the same or less	24 (60.0)	26 (44.8)	54 (52.4)	
<b>The amount of people with asthma (%)</b>				0.405
Much more	23 (57.5)	22 (37.9)	50 (48.5)	
Somewhat more	15 (37.5)	30 (51.7)	44 (42.7)	
About the same or less	2 (5.0)	6 (10.3)	9 (8.7)	
<b>The amount of people with cancer (%)</b>				0.393
Much more	24 (60.0)	26 (44.8)	46 (44.7)	
Somewhat more	14 (35.0)	24 (41.4)	42 (40.8)	
About the same or less	2 (5.0)	8 (13.8)	15 (14.6)	
<b>The amount of people with obesity (%)</b>				0.829
Much more	16 (40.0)	23 (39.7)	35 (34.0)	
Somewhat more	12 (30.0)	20 (34.5)	41 (39.8)	
About the same or less	12 (30.0)	15 (25.9)	27 (26.2)	
<b>The amount of people with diabetes type 2 (%)</b>				0.714
Much more	13 (32.5)	18 (31.0)	31 (30.1)	
Somewhat more	13 (32.5)	23 (39.7)	46 (44.7)	
About the same or less	14 (35.0)	17 (29.3)	26 (25.2)	
<b>The amount of people with high blood pressure (%)</b>				0.545
Much more	14 (35.0)	14 (24.1)	37 (35.9)	
Somewhat more	18 (45.0)	27 (46.6)	44 (42.7)	
About the same or less	8 (20.0)	17 (29.3)	22 (21.4)	
<b>The amount of people with infectious disease (%)</b>				0.364
Much more	17 (42.5)	23 (39.7)	42 (40.8)	
Somewhat more	11 (27.5)	26 (44.8)	37 (35.9)	
About the same or less	12 (30.0)	9 (15.5)	24 (23.3)	

	Non-university	University (Bachelor's degree)	Postgraduate or PhD	p-value
<b>The amount of people with mental health problems (%)</b>				0.966
Much more	21 (52.5)	32 (55.2)	55 (53.4)	
Somewhat more	14 (35.0)	19 (32.8)	32 (31.1)	
About the same or less	5 (12.5)	7 (12.1)	16 (15.5)	

**Table S19.** Perceived degree of how the following factors are being influenced by climate change by education level for the year 2021

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>Temperature rise (global warming) (%)</b>				0.105
Extremely influenced	29 (72.5)	41 (73.2)	76 (82.6)	
Quite a bit influenced	7 (17.5)	14 (25.0)	10 (10.9)	
Moderately Slightly or Not influenced	4 (10.0)	1 (1.8)	6 (6.5)	
<b>Extreme weather events(%)</b>				0.079
Extremely influenced	29 (72.5)	37 (66.1)	73 (79.3)	
Quite a bit influenced	8 (20.0)	17 (30.4)	11 (12.0)	
Moderately Slightly or Not influenced	3 (7.5)	2 (3.6)	8 (8.7)	
<b>Contamination of air (%)</b>				0.803
Extremely influenced	27 (67.5)	38 (67.9)	60 (65.2)	
Quite a bit influenced	9 (22.5)	13 (23.2)	18 (19.6)	
Moderately Slightly or Not influenced	4 (10.0)	5 (8.9)	14 (15.2)	
<b>Contamination of water (%)</b>				0.952
Extremely influenced	24 (60.0)	31 (55.4)	50 (54.3)	
Quite a bit influenced	10 (25.0)	15 (26.8)	28 (30.4)	
Moderately Slightly or Not influenced	6 (15.0)	10 (17.9)	14 (15.2)	
<b>Contamination of food (%)</b>				0.993
Extremely influenced	19 (47.5)	26 (46.4)	46 (50.0)	
Quite a bit influenced	12 (30.0)	18 (32.1)	27 (29.3)	
Moderately Slightly or Not influenced	9 (22.5)	12 (21.4)	19 (20.7)	
<b>Contamination of land (%)</b>				0.833
Extremely influenced	23 (57.5)	31 (55.4)	55 (59.8)	
Quite a bit influenced	11 (27.5)	12 (21.4)	20 (21.7)	
Moderately Slightly or Not influenced	6 (15.0)	13 (23.2)	17 (18.5)	
<b>Radiation level (%)</b>				0.913
Extremely influenced	28 (70.0)	34 (60.7)	61 (66.3)	
Quite a bit influenced	8 (20.0)	14 (25.0)	20 (21.7)	
Moderately Slightly or Not influenced	4 (10.0)	8 (14.3)	11 (12.0)	

**Table S20.** Perceived importance level of environmental factors in causing diseases by education level for the year 2021

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>How important do you think environmental factors are in causing diseases?</b>				0.305
Very important	29 (72.5)	43 (74.1)	83 (80.6)	
Somewhat important	7 (17.5)	12 (20.7)	18 (17.5)	
Not too important or Not at all important or Don't know	4 (10.0)	3 (5.2)	2 (1.9)	

**Table S21.** Perceived danger level of environmental factors by education level for health for the year 2021

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>Air pollution (%)</b>				0.920
Very serious danger	31 (77.5)	41 (70.7)	78 (75.7)	
Somewhat serious danger	8 (20.0)	15 (25.9)	21 (20.4)	
Somewhat minor danger or No danger at all or Don't know	1 (2.5)	2 (3.4)	4 (3.9)	
<b>Water pollution (%)</b>				0.885
Very serious danger	26 (65.0)	42 (72.4)	75 (72.8)	
Somewhat serious danger	12 (30.0)	14 (24.1)	23 (22.3)	
Somewhat minor danger or No danger at all or Don't know	2 (5.0)	2 (3.4)	5 (4.9)	
<b>Chemicals in water and food (%)</b>				0.858
Very serious danger	30 (75.0)	43 (74.1)	83 (80.6)	
Somewhat serious danger	8 (20.0)	13 (22.4)	17 (16.5)	
Somewhat minor danger or No danger at all or Don't know	2 (5.0)	2 (3.4)	3 (2.9)	
<b>(Toxic) waste (%)</b>				0.923
Very serious danger	27 (67.5)	41 (70.7)	76 (73.8)	
Somewhat serious danger	10 (25.0)	12 (20.7)	21 (20.4)	
Somewhat minor danger or No danger at all or Don't know	3 (7.5)	5 (8.6)	6 (5.8)	
<b>Heatwave (%)</b>				0.342
Very serious danger	21 (52.5)	21 (36.2)	46 (44.7)	
Somewhat serious danger	13 (32.5)	24 (41.4)	44 (42.7)	
Somewhat minor danger or No danger at all or Don't know	6 (15.0)	13 (22.4)	13 (12.6)	

	Non- university	University (Bachelor degree)	Postgraduate or PhD	p- value
<b>Flooding (%)</b>				0.340
Very serious danger	18 (45.0)	17 (29.3)	29 (28.2)	
Somewhat serious danger	12 (30.0)	26 (44.8)	43 (41.7)	
Somewhat minor danger or No danger at all or Don't know	10 (25.0)	15 (25.9)	31 (30.1)	
<b>Water scarcity (%)</b>				0.527
Very serious danger	25 (62.5)	26 (44.8)	55 (53.4)	
Somewhat serious danger	10 (25.0)	23 (39.7)	35 (34.0)	
Somewhat minor danger or No danger at all or Don't know	5 (12.5)	9 (15.5)	13 (12.6)	
<b>Agricultural pollution (%)</b>				0.596
Very serious danger	21 (52.5)	32 (55.2)	66 (64.1)	
Somewhat serious danger	16 (40.0)	23 (39.7)	30 (29.1)	
Somewhat minor danger or No danger at all or Don't know	3 (7.5)	3 (5.2)	7 (6.8)	
<b>Noise pollution (%)</b>				0.318
Very serious danger	16 (40.0)	13 (22.4)	36 (35.0)	
Somewhat serious danger	12 (30.0)	25 (43.1)	32 (31.1)	
Somewhat minor danger or No danger at all or Don't know	12 (30.0)	20 (34.5)	35 (34.0)	
<b>Consumption habits (%)</b>				0.147
Very serious danger	16 (40.0)	21 (36.2)	54 (52.4)	
Somewhat serious danger	12 (30.0)	24 (41.4)	33 (32.0)	
Somewhat minor danger or No danger at all or Don't know	12 (30.0)	13 (22.4)	16 (15.5)	
<b>Invasive species (%)</b>				0.125
Very serious danger	13 (32.5)	12 (20.7)	25 (24.3)	
Somewhat serious danger	10 (25.0)	29 (50.0)	36 (35.0)	
Somewhat minor danger or No danger at all or Don't know	17 (42.5)	17 (29.3)	42 (40.8)	
<b>Exhaustion of natural resources (%)</b>				0.187
Very serious danger	23 (57.5)	26 (44.8)	51 (49.5)	
Somewhat serious danger	8 (20.0)	24 (41.4)	39 (37.9)	
Somewhat minor danger or No danger at all or Don't know	9 (22.5)	8 (13.8)	13 (12.6)	
<b>Biodiversity loss (%)</b>				0.574
Very serious danger	21 (52.5)	27 (46.6)	48 (46.6)	
Somewhat serious danger	10 (25.0)	23 (39.7)	38 (36.9)	
Somewhat minor danger or No danger at all or Don't know	9 (22.5)	8 (13.8)	17 (16.5)	
<b>Soil degradation (%)</b>				0.148
Very serious danger	20 (50.0)	20 (34.5)	53 (51.5)	
Somewhat serious danger	10 (25.0)	26 (44.8)	29 (28.2)	
Somewhat minor danger or No danger at all or Don't know	10 (25.0)	12 (20.7)	21 (20.4)	

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
<b>SARS-CoV-2 (virus causing COVID-19) (%)</b>				0.031
Very serious danger	14 (35.0)	21 (36.2)	42 (40.8)	
Somewhat serious danger	7 (17.5)	24 (41.4)	35 (34.0)	
Somewhat minor danger or No danger at all or Don't know	19 (47.5)	13 (22.4)	26 (25.2)	

**Table S22.** Perceived role of environmental factors in causing illnesses by educational level for the year 2021

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>Cancer in children, such as leukaemia (%)</b>				0.274
Major role	28 (70.0)	40 (69.0)	74 (71.8)	
Minor role	5 (12.5)	14 (24.1)	21 (20.4)	
No role at all or Don't know	7 (17.5)	4 (6.9)	8 (7.8)	
<b>Infertility (%)</b>				0.316
Major role	16 (40.0)	27 (46.6)	58 (56.3)	
Minor role	13 (32.5)	21 (36.2)	28 (27.2)	
No role at all or Don't know	11 (27.5)	10 (17.2)	17 (16.5)	
<b>Asthma in children (%)</b>				0.268
Major role	26 (65.0)	40 (69.0)	83 (80.6)	
Minor role	10 (25.0)	14 (24.1)	16 (15.5)	
No role at all or Don't know	4 (10.0)	4 (6.9)	4 (3.9)	
<b>Sinus and allergy problems (%)</b>				0.080
Major role	33 (82.5)	45 (77.6)	94 (91.3)	
Minor role	6 (15.0)	12 (20.7)	6 (5.8)	
No role at all or Don't know	1 (2.5)	1 (1.7)	3 (2.9)	
<b>Birth defects (%)</b>				0.127
Major role	16 (40.0)	36 (62.1)	52 (50.5)	
Minor role	12 (30.0)	12 (20.7)	34 (33.0)	
No role at all or Don't know	12 (30.0)	10 (17.2)	17 (16.5)	
<b>Breast cancer (%)</b>				0.079
Major role	19 (47.5)	31 (53.4)	48 (46.6)	
Minor role	7 (17.5)	17 (29.3)	37 (35.9)	
No role at all or Don't know	14 (35.0)	10 (17.2)	18 (17.5)	
<b>High blood pressure (%)</b>				0.022
Major role	19 (47.5)	19 (32.8)	46 (44.7)	
Minor role	9 (22.5)	27 (46.6)	45 (43.7)	
No role at all or Don't know	12 (30.0)	12 (20.7)	12 (11.7)	
<b>Colds and flus (%)</b>				0.172
Major role	14 (35.0)	24 (41.4)	47 (45.6)	

	Non- university	University (Bachelor degree)	Postgraduate or PhD	p- value
Minor role	15 (37.5)	23 (39.7)	45 (43.7)	0.478
No role at all or Don't know	11 (27.5)	11 (19.0)	11 (10.7)	
<b>Prostate cancer (%)</b>				
Major role	15 (37.5)	23 (39.7)	44 (42.7)	0.163
Minor role	12 (30.0)	17 (29.3)	38 (36.9)	
No role at all or Don't know	13 (32.5)	18 (31.0)	21 (20.4)	
<b>Brain tumours (%)</b>				0.459
Major role	20 (50.0)	24 (41.4)	49 (47.6)	
Minor role	7 (17.5)	20 (34.5)	36 (35.0)	
No role at all or Don't know	13 (32.5)	14 (24.1)	18 (17.5)	0.508
<b>Asthma in adults (%)</b>				
Major role	30 (75.0)	40 (69.0)	79 (76.7)	
Minor role	6 (15.0)	12 (20.7)	20 (19.4)	0.439
No role at all or Don't know	4 (10.0)	6 (10.3)	4 (3.9)	
<b>Obesity (%)</b>				
Major role	16 (40.0)	23 (39.7)	47 (45.6)	0.519
Minor role	13 (32.5)	21 (36.2)	40 (38.8)	
No role at all or Don't know	11 (27.5)	14 (24.1)	16 (15.5)	
<b>Diabetes type 2 (%)</b>				0.213
Major role	12 (30.0)	21 (36.2)	43 (41.7)	
Minor role	14 (35.0)	21 (36.2)	39 (37.9)	
No role at all or Don't know	14 (35.0)	16 (27.6)	21 (20.4)	0.584
<b>Thyroid cancer (%)</b>				
Major role	17 (42.5)	27 (46.6)	55 (53.4)	
Minor role	11 (27.5)	19 (32.8)	30 (29.1)	0.119
No role at all or Don't know	12 (30.0)	12 (20.7)	18 (17.5)	
<b>Vector borne diseases, such as malaria and dengue (%)</b>				
Major role	17 (42.5)	31 (53.4)	64 (62.1)	0.994
Minor role	15 (37.5)	21 (36.2)	28 (27.2)	
No role at all or Don't know	8 (20.0)	6 (10.3)	11 (10.7)	
<b>Infectious diseases, such as measles, tuberculosis, hepatitis (%)</b>				0.119
Major role	14 (35.0)	23 (39.7)	40 (38.8)	
Minor role	12 (30.0)	22 (37.9)	40 (38.8)	
No role at all or Don't know	14 (35.0)	13 (22.4)	23 (22.3)	0.994
<b>COVID-19 (%)</b>				
Major role	14 (35.0)	22 (37.9)	41 (39.8)	
Minor role	8 (20.0)	19 (32.8)	38 (36.9)	0.994
No role at all or Don't know	18 (45.0)	17 (29.3)	24 (23.3)	
<b>Mental health problems such as depression and anxiety (%)</b>				0.994
Major role	23 (57.5)	36 (62.1)	62 (60.2)	

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Minor role	13 (32.5)	17 (29.3)	32 (31.1)	
No role at all or Don't know	4 (10.0)	5 (8.6)	9 (8.7)	

**Table S23.** Perceived amount of action for protection against infectious diseases and health problems caused by environmental problems by education level for the years 2021.

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	40	58	103	
<b>Infectious diseases such as measles, tuberculosis (%)</b>				0.640
A great deal	18 (45.0)	22 (37.9)	52 (50.5)	
Moderate amount	14 (35.0)	27 (46.6)	40 (38.8)	
A little	6 (15.0)	7 (12.1)	9 (8.7)	
Nothing at all or Don't know	2 (5.0)	2 (3.4)	2 (1.9)	
<b>Health problems caused by environmental problems such as climate change, pollution or (toxic)waste (%)</b>				0.500
A great deal	22 (55.0)	27 (46.6)	39 (37.9)	
Moderate amount	9 (22.5)	15 (25.9)	39 (37.9)	
A little	7 (17.5)	13 (22.4)	20 (19.4)	
Nothing at all or Don't know	2 (5.0)	3 (5.2)	5 (4.9)	

**Table S24.** Perceived evidence of climate change on the planet by age category for the year 2021

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>Do you see evidence of climate change on the planet?</b>				0.387
Extremely	48 (49.0)	39 (46.4)	11 (57.9)	
Quite a bit	29 (29.6)	32 (38.1)	7 (36.8)	
Moderately or Slightly or Not at all	21 (21.4)	13 (15.5)	1 (5.3)	

**Table S25.** Perceived frequency of health issues in 10 years as effect of environmental factors by age category for the year 2021

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>The amount of people with an injury (%)</b>				0.520
Much more	13 (13.3)	13 (15.5)	2 (10.5)	
Somewhat more	38 (38.8)	23 (27.4)	8 (42.1)	
About the same or less	47 (48.0)	48 (57.1)	9 (47.4)	
<b>The amount of people with asthma (%)</b>				0.210
Much more	41 (41.8)	45 (53.6)	9 (47.4)	

	18-34	35-54	>54	p-value
Somewhat more	49 (50.0)	30 (35.7)	10 (52.6)	
About the same or less	8 (8.2)	9 (10.7)	0 (0.0)	
<b>The amount of people with cancer (%)</b>				0.690
Much more	43 (43.9)	45 (53.6)	8 (42.1)	
Somewhat more	42 (42.9)	29 (34.5)	9 (47.4)	
About the same or less	13 (13.3)	10 (11.9)	2 (10.5)	
<b>The amount of people with obesity (%)</b>				0.664
Much more	35 (35.7)	32 (38.1)	7 (36.8)	
Somewhat more	33 (33.7)	31 (36.9)	9 (47.4)	
About the same or less	30 (30.6)	21 (25.0)	3 (15.8)	
<b>The amount of people with diabetes type 2 (%)</b>				0.464
Much more	28 (28.6)	28 (33.3)	6 (31.6)	
Somewhat more	37 (37.8)	35 (41.7)	10 (52.6)	
About the same or less	33 (33.7)	21 (25.0)	3 (15.8)	
<b>The amount of people with high blood pressure (%)</b>				0.194
Much more	24 (24.5)	34 (40.5)	7 (36.8)	
Somewhat more	47 (48.0)	33 (39.3)	9 (47.4)	
About the same or less	27 (27.6)	17 (20.2)	3 (15.8)	
<b>The amount of people with infectious disease (%)</b>				0.555
Much more	40 (40.8)	37 (44.0)	5 (26.3)	
Somewhat more	34 (34.7)	30 (35.7)	10 (52.6)	
About the same or less	24 (24.5)	17 (20.2)	4 (21.1)	
<b>The amount of people with mental health problems (%)</b>				0.970
Much more	54 (55.1)	44 (52.4)	10 (52.6)	
Somewhat more	31 (31.6)	27 (32.1)	7 (36.8)	
About the same or less	13 (13.3)	13 (15.5)	2 (10.5)	

**Table S26.** Perceived degree of how the following factors are being influenced by climate change by age category for the year 2021

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>Temperature rise (global warming) (%)</b>				0.771
Extremely influenced	74 (80.4)	60 (75.9)	12 (70.6)	
Quite a bit influenced	14 (15.2)	14 (17.7)	3 (17.6)	
Moderately Slightly or Not influenced	4 (4.3)	5 (6.3)	2 (11.8)	
<b>Extreme weather events (%)</b>				0.635
Extremely influenced	70 (76.1)	59 (74.7)	10 (58.8)	
Quite a bit influenced	17 (18.5)	14 (17.7)	5 (29.4)	
Moderately Slightly or Not influenced	5 (5.4)	6 (7.6)	2 (11.8)	

	18-34	35-54	>54	p-value
<b>Contamination of air (%)</b>				0.505
Extremely influenced	64 (69.6)	51 (64.6)	10 (58.8)	
Quite a bit influenced	18 (19.6)	16 (20.3)	6 (35.3)	
Moderately Slightly or Not influenced	10 (10.9)	12 (15.2)	1 (5.9)	
<b>Contamination of water (%)</b>				0.666
Extremely influenced	51 (55.4)	45 (57.0)	9 (52.9)	
Quite a bit influenced	25 (27.2)	21 (26.6)	7 (41.2)	
Moderately Slightly or Not influenced	16 (17.4)	13 (16.5)	1 (5.9)	
<b>Contamination of food (%)</b>				0.101
Extremely influenced	46 (50.0)	39 (49.4)	6 (35.3)	
Quite a bit influenced	25 (27.2)	22 (27.8)	10 (58.8)	
Moderately Slightly or Not influenced	21 (22.8)	18 (22.8)	1 (5.9)	
<b>Contamination of land (%)</b>				0.309
Extremely influenced	55 (59.8)	45 (57.0)	9 (52.9)	
Quite a bit influenced	18 (19.6)	18 (22.8)	7 (41.2)	
Moderately Slightly or Not influenced	19 (20.7)	16 (20.3)	1 (5.9)	
<b>Radiation level (%)</b>				0.735
Extremely influenced	62 (67.4)	52 (65.8)	9 (52.9)	
Quite a bit influenced	18 (19.6)	19 (24.1)	5 (29.4)	
Moderately Slightly or Not influenced	12 (13.0)	8 (10.1)	3 (17.6)	

**Table S27.** Perceived importance level of environmental factors in causing diseases by age category for the years 2021

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>How important do you think environmental factors are in causing diseases?</b>				0.656
Very important	75 (76.5)	66 (78.6)	14 (73.7)	
Somewhat important	19 (19.4)	13 (15.5)	5 (26.3)	
Not too important or Not at all important or Don't know	4 (4.1)	5 (6.0)	0 (0.0)	

**Table S28.** Perceived danger level of environmental factors by age category for the year 2021

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>Air pollution (%)</b>				0.533
Very serious danger	69 (70.4)	68 (81.0)	13 (68.4)	
Somewhat serious danger	25 (25.5)	14 (16.7)	5 (26.3)	
Somewhat minor danger or No danger at all or Don't know	4 (4.1)	2 (2.4)	1 (5.3)	
<b>Water pollution (%)</b>				0.155
Very serious danger	70 (71.4)	62 (73.8)	11 (57.9)	
Somewhat serious danger	25 (25.5)	16 (19.0)	8 (42.1)	

	18-34	35-54	>54	p-value
Somewhat minor danger or No danger at all or Don't know	3 (3.1)	6 (7.1)	0 (0.0)	0.544
<b>Chemicals in water and food (%)</b>				
Very serious danger	73 (74.5)	70 (83.3)	13 (68.4)	
Somewhat serious danger	21 (21.4)	12 (14.3)	5 (26.3)	0.485
Somewhat minor danger or No danger at all or Don't know	4 (4.1)	2 (2.4)	1 (5.3)	
<b>(Toxic) waste (%)</b>				
Very serious danger	65 (66.3)	65 (77.4)	14 (73.7)	0.262
Somewhat serious danger	26 (26.5)	13 (15.5)	4 (21.1)	
Somewhat minor danger or No danger at all or Don't know	7 (7.1)	6 (7.1)	1 (5.3)	
<b>Heatwave (%)</b>				0.991
Very serious danger	38 (38.8)	40 (47.6)	10 (52.6)	
Somewhat serious danger	45 (45.9)	32 (38.1)	4 (21.1)	
Somewhat minor danger or No danger at all or Don't know	15 (15.3)	12 (14.3)	5 (26.3)	0.800
<b>Flooding (%)</b>				
Very serious danger	32 (32.7)	26 (31.0)	6 (31.6)	
Somewhat serious danger	40 (40.8)	34 (40.5)	7 (36.8)	0.388
Somewhat minor danger or No danger at all or Don't know	26 (26.5)	24 (28.6)	6 (31.6)	
<b>Water scarcity (%)</b>				
Very serious danger	53 (54.1)	43 (51.2)	10 (52.6)	0.390
Somewhat serious danger	31 (31.6)	29 (34.5)	8 (42.1)	
Somewhat minor danger or No danger at all or Don't know	14 (14.3)	12 (14.3)	1 (5.3)	
<b>Agricultural pollution (%)</b>				0.108
Very serious danger	54 (55.1)	56 (66.7)	9 (47.4)	
Somewhat serious danger	38 (38.8)	23 (27.4)	8 (42.1)	
Somewhat minor danger or No danger at all or Don't know	6 (6.1)	5 (6.0)	2 (10.5)	0.467
<b>Noise pollution (%)</b>				
Very serious danger	26 (26.5)	33 (39.3)	6 (31.6)	
Somewhat serious danger	34 (34.7)	28 (33.3)	7 (36.8)	0.693
Somewhat minor danger or No danger at all or Don't know	38 (38.8)	23 (27.4)	6 (31.6)	
<b>Consumption habits (%)</b>				
Very serious danger	40 (40.8)	42 (50.0)	9 (47.4)	0.700
Somewhat serious danger	33 (33.7)	32 (38.1)	4 (21.1)	
Somewhat minor danger or No danger at all or Don't know	25 (25.5)	10 (11.9)	6 (31.6)	
<b>Invasive species (%)</b>				0.700
Very serious danger	21 (21.4)	25 (29.8)	4 (21.1)	
Somewhat serious danger	36 (36.7)	33 (39.3)	6 (31.6)	
Somewhat minor danger or No danger at all or Don't know	41 (41.8)	26 (31.0)	9 (47.4)	0.700
<b>Exhaustion of natural resources (%)</b>				
Very serious danger	46 (46.9)	44 (52.4)	10 (52.6)	
Somewhat serious danger	34 (34.7)	31 (36.9)	6 (31.6)	0.700
Somewhat minor danger or No danger at all or Don't know	18 (18.4)	9 (10.7)	3 (15.8)	
<b>Biodiversity loss (%)</b>				
Very serious danger	45 (45.9)	43 (51.2)	8 (42.1)	

	18-34	35-54	>54	p-value
Somewhat serious danger	38 (38.8)	27 (32.1)	6 (31.6)	0.196
Somewhat minor danger or No danger at all or Don't know	15 (15.3)	14 (16.7)	5 (26.3)	
<b>Soil degradation (%)</b>				
Very serious danger	38 (38.8)	47 (56.0)	8 (42.1)	0.015
Somewhat serious danger	35 (35.7)	24 (28.6)	6 (31.6)	
Somewhat minor danger or No danger at all or Don't know	25 (25.5)	13 (15.5)	5 (26.3)	
<b>SARS-CoV-2 (virus causing COVID-19) (%)</b>				
Very serious danger	30 (30.6)	37 (44.0)	10 (52.6)	0.015
Somewhat serious danger	29 (29.6)	30 (35.7)	7 (36.8)	
Somewhat minor danger or No danger at all or Don't know	39 (39.8)	17 (20.2)	2 (10.5)	

**Table S29.** Perceived role of environmental factors in causing illnesses by age category for the year 2021

	18-34	35-54	>54	P-value
Number of responses	98	84	19	
<b>Cancer in children, such as leukemia (%)</b>				0.173
Major role	63 (64.3)	66 (78.6)	13 (68.4)	0.179
Minor role	25 (25.5)	10 (11.9)	5 (26.3)	
No role at all or Don't know	10 (10.2)	8 (9.5)	1 (5.3)	
<b>Infertility (%)</b>				0.179
Major role	46 (46.9)	49 (58.3)	6 (31.6)	0.015
Minor role	30 (30.6)	23 (27.4)	9 (47.4)	
No role at all or Don't know	22 (22.4)	12 (14.3)	4 (21.1)	
<b>Asthma in children (%)</b>				0.015
Major role	62 (63.3)	72 (85.7)	15 (78.9)	0.748
Minor role	27 (27.6)	10 (11.9)	3 (15.8)	
No role at all or Don't know	9 (9.2)	2 (2.4)	1 (5.3)	
<b>Sinus and allergy problem (%)</b>				0.748
Major role	82 (83.7)	73 (86.9)	17 (89.5)	0.134
Minor role	14 (14.3)	8 (9.5)	2 (10.5)	
No role at all or Don't know	2 (2.0)	3 (3.6)	0 (0.0)	
<b>Birth defects (%)</b>				0.134
Major role	52 (53.1)	46 (54.8)	6 (31.6)	0.202
Minor role	23 (23.5)	26 (31.0)	9 (47.4)	
No role at all or Don't know	23 (23.5)	12 (14.3)	4 (21.1)	
<b>Breast cancer (%)</b>				0.202
Major role	42 (42.9)	47 (56.0)	9 (47.4)	0.297
Minor role	29 (29.6)	25 (29.8)	7 (36.8)	
No role at all or Don't know	27 (27.6)	12 (14.3)	3 (15.8)	
<b>High blood pressure (%)</b>				0.297
Major role	36 (36.7)	40 (47.6)	8 (42.1)	0.297
Minor role	39 (39.8)	33 (39.3)	9 (47.4)	
No role at all or Don't know	23 (23.5)	11 (13.1)	2 (10.5)	

	18-34	35-54	>54	P-value
<b>Colds and flus (%)</b>				0.236
Major role	47 (48.0)	32 (38.1)	6 (31.6)	
Minor role	34 (34.7)	41 (48.8)	8 (42.1)	
No role at all or Don't know	17 (17.3)	11 (13.1)	5 (26.3)	
<b>Prostate cancer (%)</b>				0.115
Major role	33 (33.7)	43 (51.2)	6 (31.6)	
Minor role	34 (34.7)	25 (29.8)	8 (42.1)	
No role at all or Don't know	31 (31.6)	16 (19.0)	5 (26.3)	
<b>Brain tumor (%)</b>				0.116
Major role	37 (37.8)	48 (57.1)	8 (42.1)	
Minor role	34 (34.7)	22 (26.2)	7 (36.8)	
No role at all or Don't know	27 (27.6)	14 (16.7)	4 (21.1)	
<b>Asthma in adults (%)</b>				0.311
Major role	74 (75.5)	64 (76.2)	11 (57.9)	
Minor role	16 (16.3)	15 (17.9)	7 (36.8)	
No role at all or Don't know	8 (8.2)	5 (6.0)	1 (5.3)	
<b>Obesity (%)</b>				0.731
Major role	40 (40.8)	36 (42.9)	10 (52.6)	
Minor role	35 (35.7)	32 (38.1)	7 (36.8)	
No role at all or Don't know	23 (23.5)	16 (19.0)	2 (10.5)	
<b>Diabetes type 2(%)</b>				0.197
Major role	35 (35.7)	34 (40.5)	7 (36.8)	
Minor role	32 (32.7)	36 (42.9)	6 (31.6)	
No role at all or Don't know	31 (31.6)	14 (16.7)	6 (31.6)	
<b>Thyroid cancer (%)</b>				0.247
Major role	43 (43.9)	49 (58.3)	7 (36.8)	
Minor role	31 (31.6)	22 (26.2)	7 (36.8)	
No role at all or Don't know	24 (24.5)	13 (15.5)	5 (26.3)	
<b>Vector borne diseases, such as malaria and dengue (%)</b>				0.305
Major role	54 (55.1)	50 (59.5)	8 (42.1)	
Minor role	31 (31.6)	23 (27.4)	10 (52.6)	
No role at all or Don't know	13 (13.3)	11 (13.1)	1 (5.3)	
<b>Infectious diseases, such as measles, tuberculosis, hepatitis (%)</b>				0.465
Major role	43 (43.9)	29 (34.5)	5 (26.3)	
Minor role	35 (35.7)	31 (36.9)	8 (42.1)	
No role at all or Don't know	20 (20.4)	24 (28.6)	6 (31.6)	
<b>Covid19 (%)</b>				0.342
Major role	34 (34.7)	34 (40.5)	9 (47.4)	
Minor role	30 (30.6)	31 (36.9)	4 (21.1)	
No role at all or Don't know	34 (34.7)	19 (22.6)	6 (31.6)	
<b>Mental health problems such as depression and anxiety (%)</b>				0.937

	18-34	35-54	>54	P-value
Major role	57 (58.2)	52 (61.9)	12 (63.2)	
Minor role	33 (33.7)	24 (28.6)	5 (26.3)	
No role at all or Don't know	8 (8.2)	8 (9.5)	2 (10.5)	

**Table S30.** Perceived amount of action for protection against infectious diseases and health problems caused by environmental problems by age category for the year 2021.

	18-34	35-54	>54	p-value
Number of responses	98	84	19	
<b>Infectious diseases such as measles, tuberculosis (%)</b>				0.471
A great deal	39 (39.8)	43 (51.2)	10 (52.6)	
Moderate amount	41 (41.8)	33 (39.3)	7 (36.8)	
A little	13 (13.3)	7 (8.3)	2 (10.5)	
Nothing at all or Don't know	5 (5.1)	1 (1.2)	0 (0.0)	
<b>Health problems caused by environmental problems such as climate change, pollution or (toxic)waste (%)</b>				0.162
A great deal	52 (53.1)	29 (34.5)	7 (36.8)	
Moderate amount	25 (25.5)	32 (38.1)	6 (31.6)	
A little	16 (16.3)	18 (21.4)	6 (31.6)	
Nothing at all or Don't know	5 (5.1)	5 (6.0)	0 (0.0)	

**Table S31.** Perceived evidence of climate change on the planet by education level for the year 2018

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
Number of responses	33	115	37	
<b>Do you see evidence of climate change on the planet?</b>				0.906
Extremely	13 (39.4)	51 (44.3)	14 (37.8)	
Quite a bit	14 (42.4)	47 (40.9)	18 (48.6)	
Moderately or Slightly or Not at all	6 (18.2)	17 (14.8)	5 (13.5)	

**Table S32.** Perceived frequency of health issues in 10 years as effect of environmental factors by education level for the year 2018

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
Number of responses	33	115	37	
<b>The amount of people with an injury (%)</b>				0.699
Much more	4 (12.1)	20 (17.4)	6 (16.2)	
Somewhat more	16 (48.5)	45 (39.1)	12 (32.4)	

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
About the same or less	13 (39.4)	50 (43.5)	19 (51.4)	0.091
<b>The amount of people with asthma (%)</b>				
Much more	10 (30.3)	63 (54.8)	19 (51.4)	
Somewhat more	19 (57.6)	42 (36.5)	17 (45.9)	0.020
About the same or less	4 (12.1)	10 (8.7)	1 (2.7)	
<b>The amount of people with cancer (%)</b>				
Much more	11 (33.3)	68 (59.1)	23 (62.2)	0.811
Somewhat more	18 (54.5)	39 (33.9)	8 (21.6)	
About the same or less	4 (12.1)	8 (7.0)	6 (16.2)	
<b>The amount of people with obesity (%)</b>				0.154
Much more	10 (30.3)	40 (34.8)	10 (27.0)	
Somewhat more	13 (39.4)	49 (42.6)	16 (43.2)	
About the same or less	10 (30.3)	26 (22.6)	11 (29.7)	0.177
<b>The amount of people with diabetes type 2 (%)</b>				
Much more	8 (24.2)	38 (33.0)	9 (24.3)	
Somewhat more	13 (39.4)	54 (47.0)	14 (37.8)	0.177
About the same or less	12 (36.4)	23 (20.0)	14 (37.8)	
<b>The amount of people with high blood pressure (%)</b>				
Much more	9 (27.3)	49 (42.6)	14 (37.8)	0.837
Somewhat more	14 (42.4)	51 (44.3)	15 (40.5)	
About the same or less	10 (30.3)	15 (13.0)	8 (21.6)	

**Table S33.** Perceived degree of how the following factors are being influenced by climate change by education level for the year 2018

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
Number of responses	33	115	37	0.006
<b>Temperature rise (global warming) (%)</b>				
Extremely influenced	22 (66.7)	95 (82.6)	24 (64.9)	
Quite a bit influenced	5 (15.2)	16 (13.9)	11 (29.7)	0.129
Moderately Slightly or Not influenced	6 (18.2)	4 (3.5)	2 (5.4)	
<b>Extreme weather events (%)</b>				
Extremely influenced	21 (63.6)	89 (77.4)	27 (73.0)	0.837
Quite a bit influenced	9 (27.3)	22 (19.1)	5 (13.5)	
Moderately Slightly or Not influenced	3 (9.1)	4 (3.5)	5 (13.5)	
<b>Contamination of air (%)</b>				

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
Extremely influenced	20 (60.6)	78 (67.8)	24 (64.9)	0.794
Quite a bit influenced	7 (21.2)	24 (20.9)	9 (24.3)	
Moderately Slightly or Not influenced	6 (18.2)	13 (11.3)	4 (10.8)	
<b>Contamination of water (%)</b>				
Extremely influenced	16 (48.5)	69 (60.0)	23 (62.2)	0.423
Quite a bit influenced	10 (30.3)	27 (23.5)	8 (21.6)	
Moderately Slightly or Not influenced	7 (21.2)	19 (16.5)	6 (16.2)	
<b>Contamination of food (%)</b>				
Extremely influenced	13 (39.4)	64 (55.7)	19 (51.4)	0.389
Quite a bit influenced	10 (30.3)	32 (27.8)	10 (27.0)	
Moderately Slightly or Not influenced	10 (30.3)	19 (16.5)	8 (21.6)	
<b>Contamination of land (%)</b>				
Extremely influenced	14 (42.4)	67 (58.3)	20 (54.1)	0.324
Quite a bit influenced	12 (36.4)	26 (22.6)	12 (32.4)	
Moderately Slightly or Not influenced	7 (21.2)	22 (19.1)	5 (13.5)	
<b>Radiation level (%)</b>				
Extremely influenced	13 (39.4)	69 (60.0)	19 (51.4)	0.324
Quite a bit influenced	12 (36.4)	29 (25.2)	11 (29.7)	
Moderately Slightly or Not influenced	8 (24.2)	17 (14.8)	7 (18.9)	

**Table S34.** Perceived importance level of environmental factors in causing diseases by education level for the year 2018

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p-value
Number of responses	33	115	37	0.106
<b>How important do you think environmental factors are in causing diseases?</b>				
Very important	22 (66.7)	98 (85.2)	29 (78.4)	
Somewhat important	8 (24.2)	15 (13.0)	7 (18.9)	
Not too important or Not at all important or Don't know	3 (9.1)	2 (1.7)	1 (2.7)	

**Table S35.** Perceived danger level of environmental factors by education level for health for the year 2018

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p
Number of responses	33	115	37	0.659
<b>Air pollution (%)</b>				
Very serious danger	25 (75.8)	97 (84.3)	31 (83.8)	
Somewhat serious danger	7 (21.2)	15 (13.0)	6 (16.2)	0.025
Somewhat minor danger or No danger at all or Don't know	1 (3.0)	3 (2.6)	0 (0.0)	
<b>Water pollution (%)</b>				

	Non- university	Postgraduate or PhD	University (Bachelor degree)	p
Very serious danger	21 (63.6)	96 (83.5)	32 (86.5)	
Somewhat serious danger	10 (30.3)	16 (13.9)	2 (5.4)	
Somewhat minor danger or No danger at all or Don't know	2 (6.1)	3 (2.6)	3 (8.1)	
<b>Chemicals in water and food (%)</b>				0.179
Very serious danger	27 (81.8)	100 (87.0)	31 (83.8)	
Somewhat serious danger	5 (15.2)	14 (12.2)	3 (8.1)	
Somewhat minor danger or No danger at all or Don't know	1 (3.0)	1 (0.9)	3 (8.1)	
<b>(toxic) waste (%)</b>				0.712
Very serious danger	27 (81.8)	98 (85.2)	29 (78.4)	
Somewhat serious danger	5 (15.2)	12 (10.4)	7 (18.9)	
Somewhat minor danger or No danger at all or Don't know	1 (3.0)	5 (4.3)	1 (2.7)	
<b>Heatwave (%)</b>				0.469
Very serious danger	11 (33.3)	48 (41.7)	14 (37.8)	
Somewhat serious danger	16 (48.5)	53 (46.1)	21 (56.8)	
Somewhat minor danger or No danger at all or Don't know	6 (18.2)	14 (12.2)	2 (5.4)	
<b>Flooding (%)</b>				0.357
Very serious danger	6 (18.2)	36 (31.3)	10 (27.0)	
Somewhat serious danger	18 (54.5)	48 (41.7)	13 (35.1)	
Somewhat minor danger or No danger at all or Don't know	9 (27.3)	31 (27.0)	14 (37.8)	
<b>Water scarcity (%)</b>				0.696
Very serious danger	18 (54.5)	61 (53.0)	20 (54.1)	
Somewhat serious danger	13 (39.4)	40 (34.8)	15 (40.5)	
Somewhat minor danger or No danger at all or Don't know	2 (6.1)	14 (12.2)	2 (5.4)	
<b>Agricultural pollution (%)</b>				0.793
Very serious danger	18 (54.5)	71 (61.7)	23 (62.2)	
Somewhat serious danger	13 (39.4)	35 (30.4)	10 (27.0)	
Somewhat minor danger or No danger at all or Don't know	2 (6.1)	9 (7.8)	4 (10.8)	
<b>Noise pollution (%)</b>				0.306
Very serious danger	8 (24.2)	25 (21.7)	12 (32.4)	
Somewhat serious danger	11 (33.3)	45 (39.1)	17 (45.9)	
Somewhat minor danger or No danger at all or Don't know	14 (42.4)	45 (39.1)	8 (21.6)	
<b>Consumption habits (%)</b>				0.183
Very serious danger	14 (42.4)	42 (36.5)	18 (48.6)	
Somewhat serious danger	8 (24.2)	50 (43.5)	12 (32.4)	

	Non-university	Postgraduate or PhD	University (Bachelor degree)	p
Somewhat minor danger or No danger at all or Don't know	11 (33.3)	23 (20.0)	7 (18.9)	
<b>Invasive species (%)</b>				0.396
Very serious danger	7 (21.2)	24 (20.9)	6 (16.2)	
Somewhat serious danger	10 (30.3)	48 (41.7)	11 (29.7)	
Somewhat minor danger or No danger at all or Don't know	16 (48.5)	43 (37.4)	20 (54.1)	
<b>Exhaustion of natural resources (%)</b>				0.442
Very serious danger	15 (45.5)	65 (56.5)	18 (48.6)	
Somewhat serious danger	11 (33.3)	39 (33.9)	14 (37.8)	
Somewhat minor danger or No danger at all or Don't know	7 (21.2)	11 (9.6)	5 (13.5)	
<b>Biodiversity loss (%)</b>				0.536
Very serious danger	13 (39.4)	57 (49.6)	17 (45.9)	
Somewhat serious danger	11 (33.3)	40 (34.8)	11 (29.7)	
Somewhat minor danger or No danger at all or Don't know	9 (27.3)	18 (15.7)	9 (24.3)	
<b>Soil degradation (%)</b>				0.909
Very serious danger	13 (39.4)	53 (46.1)	16 (43.2)	
Somewhat serious danger	15 (45.5)	46 (40.0)	14 (37.8)	
Somewhat minor danger or No danger at all or Don't know	5 (15.2)	16 (13.9)	7 (18.9)	

**Table S36.** Perceived role of environmental factors in causing illnesses by education level for the year 2018

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
Number of responses	33	37	115	
<b>Cancer in children, such as leukemia(%)</b>				0.453
Major role	23 (69.7)	26 (70.3)	93 (80.9)	
Minor role	6 (18.2)	5 (13.5)	13 (11.3)	
No role at all or Don't know	4 (12.1)	6 (16.2)	9 (7.8)	
<b>Infertility (%)</b>				0.032
Major role	12 (36.4)	14 (37.8)	67 (58.3)	
Minor role	17 (51.5)	15 (40.5)	30 (26.1)	
No role at all or Don't know	4 (12.1)	8 (21.6)	18 (15.7)	
<b>Asthma in children (%)</b>				0.104
Major role	26 (78.8)	26 (70.3)	102 (88.7)	
Minor role	4 (12.1)	7 (18.9)	9 (7.8)	
No role at all or Don't know	3 (9.1)	4 (10.8)	4 (3.5)	
<b>Sinus and allergy problem (%)</b>				0.645

	Non- university	University (Bachelor degree)	Postgraduate or PhD	p- value
Major role	28 (84.8)	34 (91.9)	102 (88.7)	0.395
Minor role	3 (9.1)	3 (8.1)	10 (8.7)	
No role at all or Don't know	2 (6.1)	0 (0.0)	3 (2.6)	
<b>Birth defects (%)</b>				0.395
Major role	15 (45.5)	22 (59.5)	61 (53.0)	0.406
Minor role	14 (42.4)	9 (24.3)	31 (27.0)	
No role at all or Don't know	4 (12.1)	6 (16.2)	23 (20.0)	
<b>Breast cancer (%)</b>				0.406
Major role	18 (54.5)	17 (45.9)	68 (59.1)	0.451
Minor role	9 (27.3)	8 (21.6)	26 (22.6)	
No role at all or Don't know	6 (18.2)	12 (32.4)	21 (18.3)	
<b>High blood pressure (%)</b>				0.451
Major role	13 (39.4)	17 (45.9)	59 (51.3)	0.995
Minor role	16 (48.5)	12 (32.4)	38 (33.0)	
No role at all or Don't know	4 (12.1)	8 (21.6)	18 (15.7)	
<b>Colds and flus (%)</b>				0.995
Major role	16 (48.5)	18 (48.6)	54 (47.0)	0.041
Minor role	12 (36.4)	14 (37.8)	46 (40.0)	
No role at all or Don't know	5 (15.2)	5 (13.5)	15 (13.0)	
<b>Prostate cancer (%)</b>				0.041
Major role	14 (42.4)	10 (27.0)	55 (47.8)	0.363
Minor role	13 (39.4)	11 (29.7)	24 (20.9)	
No role at all or Don't know	6 (18.2)	16 (43.2)	36 (31.3)	
<b>Brain tumours (%)</b>				0.363
Major role	19 (57.6)	19 (51.4)	67 (58.3)	0.427
Minor role	10 (30.3)	7 (18.9)	22 (19.1)	
No role at all or Don't know	4 (12.1)	11 (29.7)	26 (22.6)	
<b>Asthma in adults (%)</b>				0.427
Major role	25 (75.8)	26 (70.3)	94 (81.7)	0.355
Minor role	6 (18.2)	6 (16.2)	15 (13.0)	
No role at all or Don't know	2 (6.1)	5 (13.5)	6 (5.2)	
<b>Obesity (%)</b>				0.355
Major role	11 (33.3)	14 (37.8)	41 (35.7)	0.383
Minor role	15 (45.5)	9 (24.3)	44 (38.3)	
No role at all or Don't know	7 (21.2)	14 (37.8)	30 (26.1)	
<b>Diabetes type 2 (%)</b>				0.383
Major role	13 (39.4)	11 (29.7)	53 (46.1)	0.050
Minor role	11 (33.3)	11 (29.7)	32 (27.8)	
No role at all or Don't know	9 (27.3)	15 (40.5)	30 (26.1)	
<b>Thyroid cancer (%)</b>				0.050
Major role	20 (60.6)	15 (40.5)	72 (62.6)	0.050
Minor role	9 (27.3)	12 (32.4)	17 (14.8)	

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p-value
No role at all or Don't know	4 (12.1)	10 (27.0)	26 (22.6)	0.886
<b>Vector borne diseases, such as malaria and dengue (%)</b>				
Major role	21 (63.6)	21 (56.8)	74 (64.3)	
Minor role	7 (21.2)	11 (29.7)	28 (24.3)	0.757
No role at all or Don't know	5 (15.2)	5 (13.5)	13 (11.3)	
<b>Infectious diseases, such as measles, tuberculosis or hepatitis (%)</b>				
Major role	17 (51.5)	14 (37.8)	57 (49.6)	0.757
Minor role	9 (27.3)	12 (32.4)	32 (27.8)	
No role at all or Don't know	7 (21.2)	11 (29.7)	26 (22.6)	

**Table S37.** Perceived amount of action for protection against infectious diseases and health problems caused by environmental problems by education level for the year 2018

	Non-university	University (Bachelor degree)	Postgraduate or PhD	p
Number of responses	33	37	115	0.091
<b>Infectious diseases such as measles, tuberculosis (%)</b>				
A great deal	14 (42.4)	12 (32.4)	47 (40.9)	
Moderate amount	9 (27.3)	13 (35.1)	53 (46.1)	0.242
A little	5 (15.2)	7 (18.9)	9 (7.8)	
Nothing at all or Don't know	5 (15.2)	5 (13.5)	6 (5.2)	
<b>Health problems caused by environmental problems such as climate change, pollution or (toxic) waste (%)</b>				0.242
A great deal	13 (39.4)	15 (40.5)	48 (41.7)	
Moderate amount	8 (24.2)	9 (24.3)	32 (27.8)	
A little	7 (21.2)	13 (35.1)	23 (20.0)	0.242
Nothing at all or Don't know	5 (15.2)	0 (0.0)	12 (10.4)	

**Table S38.** Perceived evidence of climate change on the planet by age category for the year 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	0.160
<b>Do you see evidence of climate change on the planet?</b>				
Extremely	30 (43.5)	37 (48.7)	11 (27.5)	
Moderately or Slightly or Not at all	9 (13.0)	13 (17.1)	6 (15.0)	0.160
Quite a bit	30 (43.5)	26 (34.2)	23 (57.5)	

**Table S39.** Perceived frequency of health issues in 10 years as effect of environmental factors by age category for the year 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>The amount of people with an injury (%)</b>				0.959
Much more	10 (14.5)	13 (17.1)	7 (17.5)	
Somewhat more	29 (42.0)	30 (39.5)	14 (35.0)	
About the same or less	30 (43.5)	33 (43.4)	19 (47.5)	
<b>The amount of people with asthma (%)</b>				0.741
Much more	36 (52.2)	40 (52.6)	16 (40.0)	
Somewhat more	28 (40.6)	30 (39.5)	20 (50.0)	
About the same or less	5 (7.2)	6 (7.9)	4 (10.0)	
<b>The amount of people with cancer (%)</b>				0.112
Much more	42 (60.9)	45 (59.2)	15 (37.5)	
Somewhat more	22 (31.9)	25 (32.9)	18 (45.0)	
About the same or less	5 (7.2)	6 (7.9)	7 (17.5)	
<b>The amount of people with obesity (%)</b>				0.564
Much more	20 (29.0)	29 (38.2)	11 (27.5)	
Somewhat more	29 (42.0)	32 (42.1)	17 (42.5)	
About the same or less	20 (29.0)	15 (19.7)	12 (30.0)	
<b>The amount of people with diabetes type 2(%)</b>				0.134
Much more	15 (21.7)	26 (34.2)	14 (35.0)	
Somewhat more	32 (46.4)	36 (47.4)	13 (32.5)	
About the same or less	22 (31.9)	14 (18.4)	13 (32.5)	
<b>The amount of people with high blood pressure (%)</b>				0.103
Much more	22 (31.9)	35 (46.1)	15 (37.5)	
Somewhat more	31 (44.9)	34 (44.7)	15 (37.5)	
About the same or less	16 (23.2)	7 (9.2)	10 (25.0)	

**Table S40.** Perceived degree of how the following factors are being influenced by climate change by age category for the year 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>Temperature rise (global warming) (%)</b>				0.030
Extremely influenced	55 (79.7)	60 (78.9)	26 (65.0)	
Quite a bit influenced	11 (15.9)	14 (18.4)	7 (17.5)	
Moderately Slightly or Not influenced	3 (4.3)	2 (2.6)	7 (17.5)	
<b>Extreme weather events (%)</b>				0.426
Extremely influenced	54 (78.3)	57 (75.0)	26 (65.0)	
Quite a bit influenced	12 (17.4)	15 (19.7)	9 (22.5)	
Moderately Slightly or Not influenced	3 (4.3)	4 (5.3)	5 (12.5)	
<b>Contamination of air (%)</b>				0.925

	18-34	35-54	55+	p-value
Extremely influenced	46 (66.7)	52 (68.4)	24 (60.0)	
Quite a bit influenced	15 (21.7)	15 (19.7)	10 (25.0)	
Moderately Slightly or Not influenced	8 (11.6)	9 (11.8)	6 (15.0)	
<b>Contamination of water (%)</b>				0.316
Extremely influenced	43 (62.3)	47 (61.8)	18 (45.0)	
Quite a bit influenced	17 (24.6)	15 (19.7)	13 (32.5)	
Moderately Slightly or Not influenced	9 (13.0)	14 (18.4)	9 (22.5)	
<b>Contamination of food (%)</b>				0.384
Extremely influenced	39 (56.5)	41 (53.9)	16 (40.0)	
Quite a bit influenced	19 (27.5)	21 (27.6)	12 (30.0)	
Moderately Slightly or Not influenced	11 (15.9)	14 (18.4)	12 (30.0)	
<b>Contamination of land (%)</b>				0.419
Extremely influenced	41 (59.4)	43 (56.6)	17 (42.5)	
Quite a bit influenced	15 (21.7)	20 (26.3)	15 (37.5)	
Moderately Slightly or Not influenced	13 (18.8)	13 (17.1)	8 (20.0)	
<b>Radiation level (%)</b>				0.016
Extremely influenced	39 (56.5)	45 (59.2)	17 (42.5)	
Quite a bit influenced	23 (33.3)	20 (26.3)	9 (22.5)	
Moderately Slightly or Not influenced	7 (10.1)	11 (14.5)	14 (35.0)	

**Table S41.** Perceived importance level of environmental factors in causing diseases by age category for the years 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>How important do you think environmental factors are in causing diseases?</b>				0.096
Very important	56 (81.2)	64 (84.2)	29 (72.5)	
Somewhat important	12 (17.4)	11 (14.5)	7 (17.5)	
Not too important or Not at all important or Don't know	1 (1.4)	1 (1.3)	4 (10.0)	

**Table S42.** Perceived danger level of environmental factors for health by age category for the year 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>Air pollution (%)</b>				0.078
Very serious danger	56 (81.2)	64 (84.2)	33 (82.5)	
Somewhat serious danger	13 (18.8)	11 (14.5)	4 (10.0)	
Somewhat minor danger or No danger at all or Don't know	0 (0.0)	1 (1.3)	3 (7.5)	
<b>Water pollution (%)</b>				0.003
Very serious danger	59 (85.5)	63 (82.9)	27 (67.5)	
Somewhat serious danger	8 (11.6)	13 (17.1)	7 (17.5)	
Somewhat minor danger or No danger at all or Don't know	2 (2.9)	0 (0.0)	6 (15.0)	
<b>Chemicals in water and food (%)</b>				0.181

	18-34	35-54	55+	p-value
Very serious danger	60 (87.0)	65 (85.5)	33 (82.5)	0.001
Somewhat serious danger	7 (10.1)	11 (14.5)	4 (10.0)	
Somewhat minor danger or No danger at all or Don't know	2 (2.9)	0 (0.0)	3 (7.5)	
<b>(toxic) waste (%)</b>				
Very serious danger	62 (89.9)	64 (84.2)	28 (70.0)	0.804
Somewhat serious danger	7 (10.1)	11 (14.5)	6 (15.0)	
Somewhat minor danger or No danger at all or Don't know	0 (0.0)	1 (1.3)	6 (15.0)	
<b>Heatwave (%)</b>				
Very serious danger	30 (43.5)	26 (34.2)	17 (42.5)	0.088
Somewhat serious danger	32 (46.4)	40 (52.6)	18 (45.0)	
Somewhat minor danger or No danger at all or Don't know	7 (10.1)	10 (13.2)	5 (12.5)	
<b>Flooding (%)</b>				
Very serious danger	20 (29.0)	19 (25.0)	13 (32.5)	0.127
Somewhat serious danger	30 (43.5)	39 (51.3)	10 (25.0)	
Somewhat minor danger or No danger at all or Don't know	19 (27.5)	18 (23.7)	17 (42.5)	
<b>Water scarcity (%)</b>				
Very serious danger	42 (60.9)	34 (44.7)	23 (57.5)	0.122
Somewhat serious danger	23 (33.3)	30 (39.5)	15 (37.5)	
Somewhat minor danger or No danger at all or Don't know	4 (5.8)	12 (15.8)	2 (5.0)	
<b>Agricultural pollution (%)</b>				
Very serious danger	49 (71.0)	40 (52.6)	23 (57.5)	0.181
Somewhat serious danger	18 (26.1)	28 (36.8)	12 (30.0)	
Somewhat minor danger or No danger at all or Don't know	2 (2.9)	8 (10.5)	5 (12.5)	
<b>Noise pollution (%)</b>				
Very serious danger	17 (24.6)	23 (30.3)	5 (12.5)	0.135
Somewhat serious danger	24 (34.8)	28 (36.8)	21 (52.5)	
Somewhat minor danger or No danger at all or Don't know	28 (40.6)	25 (32.9)	14 (35.0)	
<b>Consumption habits (%)</b>				
Very serious danger	32 (46.4)	30 (39.5)	12 (30.0)	0.211
Somewhat serious danger	21 (30.4)	34 (44.7)	15 (37.5)	
Somewhat minor danger or No danger at all or Don't know	16 (23.2)	12 (15.8)	13 (32.5)	
<b>Invasive species (%)</b>				
Very serious danger	18 (26.1)	15 (19.7)	4 (10.0)	0.183
Somewhat serious danger	27 (39.1)	28 (36.8)	14 (35.0)	
Somewhat minor danger or No danger at all or Don't know	24 (34.8)	33 (43.4)	22 (55.0)	
<b>Exhaustion of natural resources (%)</b>				
Very serious danger	41 (59.4)	38 (50.0)	19 (47.5)	0.001
Somewhat serious danger	23 (33.3)	29 (38.2)	12 (30.0)	
Somewhat minor danger or No danger at all or Don't know	5 (7.2)	9 (11.8)	9 (22.5)	
<b>Biodiversity loss (%)</b>				
Very serious danger	39 (56.5)	36 (47.4)	12 (30.0)	0.044
Somewhat serious danger	26 (37.7)	18 (23.7)	18 (45.0)	
Somewhat minor danger or No danger at all or Don't know	4 (5.8)	22 (28.9)	10 (25.0)	
<b>Soil degradation (%)</b>				

	18-34	35-54	55+	p-value
Very serious danger	40 (58.0)	27 (35.5)	15 (37.5)	
Somewhat serious danger	23 (33.3)	33 (43.4)	19 (47.5)	
Somewhat minor danger or No danger at all or Don't know	6 (8.7)	16 (21.1)	6 (15.0)	

**Table S43.** Perceived role of environmental factors in causing illnesses by age category for the years 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>Cancer in children, such as leukemia (%)</b>				0.354
Major role	56 (81.2)	60 (78.9)	26 (65.0)	
Minor role	8 (11.6)	8 (10.5)	8 (20.0)	
No role at all or Don't know	5 (7.2)	8 (10.5)	6 (15.0)	
<b>Infertility (%)</b>				0.274
Major role	39 (56.5)	40 (52.6)	14 (35.0)	
Minor role	21 (30.4)	24 (31.6)	17 (42.5)	
No role at all or Don't know	9 (13.0)	12 (15.8)	9 (22.5)	
<b>Asthma in children (%)</b>				0.153
Major role	56 (81.2)	65 (85.5)	33 (82.5)	
Minor role	6 (8.7)	7 (9.2)	7 (17.5)	
No role at all or Don't know	7 (10.1)	4 (5.3)	0 (0.0)	
<b>Sinus and allergy problem (%)</b>				0.763
Major role	63 (91.3)	67 (88.2)	34 (85.0)	
Minor role	5 (7.2)	6 (7.9)	5 (12.5)	
No role at all or Don't know	1 (1.4)	3 (3.9)	1 (2.5)	
<b>Birth defects (%)</b>				0.655
Major role	41 (59.4)	39 (51.3)	18 (45.0)	
Minor role	18 (26.1)	22 (28.9)	14 (35.0)	
No role at all or Don't know	10 (14.5)	15 (19.7)	8 (20.0)	
<b>Breast cancer (%)</b>				0.403
Major role	39 (56.5)	47 (61.8)	17 (42.5)	
Minor role	16 (23.2)	15 (19.7)	12 (30.0)	
No role at all or Don't know	14 (20.3)	14 (18.4)	11 (27.5)	
<b>High blood pressure (%)</b>				0.275
Major role	37 (53.6)	39 (51.3)	13 (32.5)	
Minor role	22 (31.9)	25 (32.9)	19 (47.5)	
No role at all or Don't know	10 (14.5)	12 (15.8)	8 (20.0)	
<b>Colds and flus (%)</b>				0.052
Major role	42 (60.9)	32 (42.1)	14 (35.0)	
Minor role	22 (31.9)	32 (42.1)	18 (45.0)	
No role at all or Don't know	5 (7.2)	12 (15.8)	8 (20.0)	
<b>Prostate cancer (%)</b>				0.892
Major role	30 (43.5)	31 (40.8)	18 (45.0)	
Minor role	19 (27.5)	21 (27.6)	8 (20.0)	
No role at all or Don't know	20 (29.0)	24 (31.6)	14 (35.0)	

	18-34	35-54	55+	p-value
<b>Brain tumours (%)</b>				0.341
Major role	44 (63.8)	43 (56.6)	18 (45.0)	
Minor role	13 (18.8)	17 (22.4)	9 (22.5)	
No role at all or Don't know	12 (17.4)	16 (21.1)	13 (32.5)	
<b>Asthma in adults (%)</b>				0.478
Major role	53 (76.8)	63 (82.9)	29 (72.5)	
Minor role	10 (14.5)	8 (10.5)	9 (22.5)	
No role at all or Don't know	6 (8.7)	5 (6.6)	2 (5.0)	
<b>Obesity (%)</b>				0.506
Major role	22 (31.9)	29 (38.2)	15 (37.5)	
Minor role	30 (43.5)	27 (35.5)	11 (27.5)	
No role at all or Don't know	17 (24.6)	20 (26.3)	14 (35.0)	
<b>Diabetes type 2 (%)</b>				0.898
Major role	30 (43.5)	31 (40.8)	16 (40.0)	
Minor role	20 (29.0)	24 (31.6)	10 (25.0)	
No role at all or Don't know	19 (27.5)	21 (27.6)	14 (35.0)	
<b>Thyroid cancer (%)</b>				0.610
Major role	40 (58.0)	46 (60.5)	21 (52.5)	
Minor role	17 (24.6)	12 (15.8)	9 (22.5)	
No role at all or Don't know	12 (17.4)	18 (23.7)	10 (25.0)	
<b>Vector borne diseases, such as malaria and dengue (%)</b>				0.006
Major role	55 (79.7)	41 (53.9)	20 (50.0)	
Minor role	10 (14.5)	22 (28.9)	14 (35.0)	
No role at all or Don't know	4 (5.8)	13 (17.1)	6 (15.0)	
<b>Infectious diseases, such as measles, tuberculosis or hepatitis (%)</b>				0.014
Major role	43 (62.3)	33 (43.4)	12 (30.0)	
Minor role	16 (23.2)	21 (27.6)	16 (40.0)	
No role at all or Don't know	10 (14.5)	22 (28.9)	12 (30.0)	

**Table S44.** Perceived amount of action for protection against infectious diseases and health problems caused by environmental problems by age category for the year 2018

	18-34	35-54	55+	p-value
Number of responses	69	76	40	
<b>Infectious diseases such as measles, tuberculosis (%)</b>				0.439
A great deal	22 (31.9)	30 (39.5)	21 (52.5)	
Moderate amount	33 (47.8)	31 (40.8)	11 (27.5)	
A little	9 (13.0)	8 (10.5)	4 (10.0)	
Nothing at all or Don't know	5 (7.2)	7 (9.2)	4 (10.0)	
<b>Health problems caused by environmental problems such as climate change, pollution or (toxic) waste (%)</b>				0.190
A great deal	35 (50.7)	24 (31.6)	17 (42.5)	
Moderate amount	18 (26.1)	23 (30.3)	8 (20.0)	

	18-34	35-54	55+	p-value
A little	12 (17.4)	22 (28.9)	9 (22.5)	
Nothing at all or Don't know	4 (5.8)	7 (9.2)	6 (15.0)	

### Details on the development of the survey questionnaire and analysis

The surveys questionnaires used developed based on the following three previously validated tools:

1. The Short-Form (SF) 36 Health Survey [34]: We used seven out of the eight concepts/scales of the survey (physical functioning, role limitations due to physical health problems, role limitations due to emotional problems, social functioning, energy/fatigue, emotional well-being and general health perceptions), to describe the self-assessed health status of the participants and the question on perceived change in health. The range of the scores for these scales is by 0 and 100, with a higher score indicating a more favourable health state for all scales, except the health change scale. The health change scale, which is comprised of only one item, shows the perceived difference by the current health status and the health status one year before, with a higher score indicating that the current health status is perceived as better compared to the previous year's health status.
2. The European Survey on Public Perceptions of Environmental Health [35]: We formulated questions based on the quantitative results of this survey using Likert-scale questions.
3. The National (USA) Survey of Public Perceptions of Environmental Health Risks [36] after adjusting the publicly available questions of this survey to the specific context of our study.

The original English questionnaire of 2018 was translated to Greek. The Greek version was subsequently translated back to the original language by a different person. The back translation was then compared with the original English version to identify potential discrepancies. The pilot version of the questionnaire, in both languages, was tested and based on comments and time needed to complete the questionnaire, questions were adjusted. This process was repeated twice before finalizing the questionnaire.

The 2021 questionnaire is the same as the 2018 survey with minor modifications. Specifically, the 2021 questionnaire has additional categories in some questions regarding COVID-19 and mental health. Before dissemination of the final questionnaire, adjustments were made based on the piloting of the questionnaire.

Between- and within-survey associations were examined among environment and health risk perceptions and stratified by sociodemographics (age, sex, educational level) using chi-square tests. One of the chi-square test assumptions is that the expected value of cell counts should be  $\geq 5$  in at least 80% of cells. The assumption was satisfied by re-grouping categories of some variables (Table S1).

## CHERRIES Checklist

<b>Checklist Item</b>	<b>Explanation</b>	<b>Section in which the information is reported in the manuscript</b>
Describe survey design	Describe target population, sample frame. Is the sample a convenience sample? (In “open” surveys this is most likely.)	Methods
IRB approval	Mention whether the study has been approved by an IRB.	Methods
Informed consent	Describe the informed consent process. Where were the participants told the length of time of the survey, which data were stored and where and for how long, who the investigator was, and the purpose of the study?	Methods
Data protection	If any personal information was collected or stored, describe what mechanisms were used to protect unauthorized access.	Methods
Development and testing	State how the survey was developed, including whether the usability and technical functionality of the electronic questionnaire had been tested before fielding the questionnaire.	Methods
Open survey versus closed survey	An “open survey” is a survey open for each visitor of a site, while a closed survey is only open to a sample which the investigator knows (password-protected survey).	Methods
Contact mode	Indicate whether or not the initial contact with the potential participants was made on the Internet. (Investigators may also send out questionnaires by mail and allow for Web-based data entry.)	Methods
Advertising the survey	How/where was the survey announced or advertised? Some examples are offline media (newspapers), or online (mailing lists – If yes, which ones?) or banner ads (Where were these banner ads posted and what did they look like?). It is important to know the wording of the announcement as it will heavily influence who chooses to participate. Ideally the survey announcement should be published as an appendix.	Methods
Web/E-mail	State the type of e-survey (eg, one posted on a Web site, or one sent out through e-mail). If it is an e-mail survey, were the responses entered manually into a database, or was there an automatic method for capturing responses?	Methods
Context	Describe the Web site (for mailing list/newsgroup) in which the survey was posted. What is the Web site about, who is visiting it, what are visitors normally looking for? Discuss to what degree the content of the Web site could pre-select the sample or influence the results. For example, a survey about vaccination on a anti-immunization Web site will have different results from a Web survey conducted on a government Web site	Methods
Mandatory/voluntary	Was it a mandatory survey to be filled in by every visitor who wanted to enter the Web site, or was it a voluntary survey?	Methods
Incentives	Were any incentives offered (eg, monetary, prizes, or non-monetary incentives such as an offer to provide the survey results)?	Not applicable
Time/Date	In what timeframe were the data collected?	Methods
Randomization of items or questionnaires	To prevent biases items can be randomized or alternated.	Not applicable
Adaptive questioning	Use adaptive questioning (certain items, or only conditionally displayed based on responses to other items) to reduce number and complexity of the questions.	Not applicable
Number of Items	What was the number of questionnaire items per page? The number of items is an important factor for the completion rate.	Supplementary material

Number of screens (pages)	Over how many pages was the questionnaire distributed? The number of items is an important factor for the completion rate.	Supplementary material
Completeness check	It is technically possible to do consistency or completeness checks before the questionnaire is submitted. Was this done, and if “yes”, how (usually JavaScript)? An alternative is to check for completeness after the questionnaire has been submitted (and highlight mandatory items). If this has been done, it should be reported. All items should provide a non-response option such as “not applicable” or “rather not say”, and selection of one response option should be enforced.	Not applicable
Review step	State whether respondents were able to review and change their answers (eg, through a Back button or a Review step which displays a summary of the responses and asks the respondents if they are correct).	Not applicable
Unique site visitor	If you provide view rates or participation rates, you need to define how you determined a unique visitor. There are different techniques available, based on IP addresses or cookies or both.	Not available
View rate (Ratio of unique survey visitors/unique site visitors)	Requires counting unique visitors to the first page of the survey, divided by the number of unique site visitors (not page views!). It is not unusual to have view rates of less than 0.1 % if the survey is voluntary.	Not available
Participation rate (Ratio of unique visitors who agreed to participate/unique first survey page visitors)	Count the unique number of people who filled in the first survey page (or agreed to participate, for example by checking a checkbox), divided by visitors who visit the first page of the survey (or the informed consents page, if present). This can also be called “recruitment” rate.	Results
Completion rate (Ratio of users who finished the survey/users who agreed to participate)	The number of people submitting the last questionnaire page, divided by the number of people who agreed to participate (or submitted the first survey page). This is only relevant if there is a separate “informed consent” page or if the survey goes over several pages. This is a measure for attrition. Note that “completion” can involve leaving questionnaire items blank. This is not a measure for how completely questionnaires were filled in. (If you need a measure for this, use the word “completeness rate”.)	Not explored
Cookies used	Indicate whether cookies were used to assign a unique user identifier to each client computer. If so, mention the page on which the cookie was set and read, and how long the cookie was valid. Were duplicate entries avoided by preventing users access to the survey twice; or were duplicate database entries having the same user ID eliminated before analysis? In the latter case, which entries were kept for analysis (eg, the first entry or the most recent)?	Platform defaults were used
IP check	Indicate whether the IP address of the client computer was used to identify potential duplicate entries from the same user. If so, mention the period of time for which no two entries from the same IP address were allowed (eg, 24 hours). Were duplicate entries avoided by preventing users with the same IP address access to the survey twice; or were duplicate database entries having the same IP address within a given period of time eliminated before analysis? If the latter, which entries were kept for analysis (eg, the first entry or the most recent)?	Not performed
Log file analysis	Indicate whether other techniques to analyze the log file for identification of multiple entries were used. If so, please describe.	Not performed
Registration	In “closed” (non-open) surveys, users need to login first and it is easier to prevent duplicate entries from the same user. Describe how this was done. For example, was the survey never displayed a second time once the user had filled it in, or was the username stored together with the	Not applicable

	survey results and later eliminated? If the latter, which entries were kept for analysis (eg, the first entry or the most recent)?	
Handling of incomplete questionnaires	Were only completed questionnaires analyzed? Were questionnaires which terminated early (where, for example, users did not go through all questionnaire pages) also analyzed?	Excluded
Questionnaires submitted with an atypical timestamp	Some investigators may measure the time people needed to fill in a questionnaire and exclude questionnaires that were submitted too soon. Specify the timeframe that was used as a cut-off point and describe how this point was determined.	Not explored
Statistical correction	Indicate whether any methods such as weighting of items or propensity scores have been used to adjust for the non-representative sample; if so, please describe the methods.	Not applicable