

Consent

Thank you for taking part in our survey, which is administered by students from the University of Bonn.

The survey includes questions about natural resources such as forests, fish, etc. Some survey questions address climate shocks, defined here as unforeseen weather events that destroy parts of natural resources, for example floods, droughts, heatwaves, and wildfires induced by extreme heat.

It will take around 15 minutes to complete this survey. **To be eligible** for participation you must reside in one of the specified countries: Germany, India, Netherlands, or Indonesia.

Please understand that your participation is voluntary. You have the right to withdraw your consent and discontinue participation at any time. Your responses are confidential, and your identity will remain anonymous throughout the survey. We will not collect any personally identifiable information. If you have any questions you may contact unibonnrm@gmail.com.

By clicking "Next", you indicate that you meet the criteria and voluntarily participate in this study.

- ☐ Next
- ☐ End of survey

JB. Judgement of described Behavior in given situations – low risk

Imagine you live in a place where natural resources (for example trees, fish, ...) are extracted, and there is a **low risk** for resources being lost due to a climate shock (for example wildfires, droughts, etc.)

Suppose there are three individuals: Person A, Person B, and Person C. You will find a description of each individual below. For each person, we will ask you to evaluate their behaviour on a scale from 1 to 5.

Person A extracts natural resources but takes care that the resource can recover over time. How would you rate this behaviour?

Scale 1 to 5

	1	2	3	4	5
In terms of sustainability :					
1 (not sustainable at all)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (very sustainable)					
In terms of morality:					
1 (immoral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (moral)					
In terms of own behaviour:					
1 (I would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I would definitely behave like this)					
How I think people would behave:					
1 (I think others would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I think others would definitely behave like this)					
How people should behave:					
1 (others think people should not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (others think people should definitely behave like this)					

Person B extracts natural resources resulting in a modest decline in the available resource over a long period of

time. How would you rate this behaviour?

Scale 1 to 5

	1	2	3	4	5
In terms of sustainability :					
1 (not sustainable at all)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (very sustainable)					
In terms of morality :					
1 (immoral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (moral)					
In terms of own behaviour :					
1 (I would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I would definitely behave like this)					
How I think people would behave:					
1 (I think others would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I think others would definitely behave like this)					
How people should behave:					
1 (others think people should not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (others think people should definitely behave like this)					

Person C extracts natural resources resulting in a strong decline in the available resource over a short period of time. How would you rate this behaviour?

Scale 1 to 5

	1	2	3	4	5
In terms of sustainability :					
1 (not sustainable at all)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (very sustainable)					
In terms of morality:					
1 (immoral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (moral)					
In terms of own behaviour:					
1 (I would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I would definitely behave like this)					
How I think people would behave:					
1 (I think others would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I think others would definitely behave like this)					
How people should behave:					
1 (others think people should not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (others think people should definitely behave like this)					

JB. Judgement of described Behavior in given situations – high risk

Imagine you live in a place where natural resources are extracted, and there is a **high risk** for resources being lost due to a climate shock (for example wildfires, droughts, etc.)

Suppose there are three individuals: Person A, Person B, and Person C. For each person, we will ask you to evaluate their behaviour on a scale from 1 to 5.

Person A extracts natural resources but takes care that the resource can recover over time. How would you rate this behaviour?

Scale 1 to 5

	1	2	3	4	5
In terms of sustainability :					
1 (not sustainable at all)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (very sustainable)					
In terms of morality:					
1 (immoral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (moral)					
In terms of own behaviour:					
1 (I would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I would definitely behave like this)					

Scale 1 to 5

12345

How I think people would behave:

1 (I think others would not at all behave like this)
5 (I think others would definitely behave like this)

☐

☐

☐

☐

☐

How people should behave:

1 (others think people should not at all behave like this)
5 (others think people should definitely behave like this)

☐

☐

☐

☐

☐

Person B extracts natural resources, resulting in a modest decline in the available resource over a long period of time. How would you rate this behaviour?

Scale 1 to 5

12345

In terms of sustainability :

1 (not sustainable at all)
5 (very sustainable)

☐

☐

☐

☐

☐

In terms of morality:

1 (immoral)
5 (moral)

☐

☐

☐

☐

☐

Scale 1 to 5

12345

**In terms of own
behaviour:**

1 (I would not at all
behave like this)

5 (I would definitely
behave like this)

☐

☐

☐

☐

☐

**How I think people
would behave:**

1 (I think others
would not at all
behave like this)

5 (I think others
would definitely
behave like this)

☐

☐

☐

☐

☐

**How people should
behave:**

1 (others think
people should not at
all behave like this)

5 (others think
people should
definitely behave like
this)

☐

☐

☐

☐

☐

Person C, extracts natural resources, resulting in a strong decline in the available resource over a short period of time. How would you rate this behaviour?

Scale 1 to 5

	1	2	3	4	5
In terms of sustainability :					
1 (not sustainable at all)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (very sustainable)					
In terms of morality:					
1 (immoral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (moral)					
In terms of own behaviour:					
1 (I would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I would definitely behave like this)					
How I think people would behave:					
1 (I think others would not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (I think others would definitely behave like this)					
How people should behave:					
1 (others think people should not at all behave like this)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 (others think people should definitely behave like this)					

EAI

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
I do not believe humans were created or evolved to dominate the rest of nature.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human beings were created or evolved to dominate the rest of nature.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not believe that the environment has been severely abused by humans.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whenever possible, I try to save natural resources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am not the kind of person who makes efforts to conserve natural resources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I really like going on trips into the countryside, for example to forests or fields.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think spending time in nature is boring.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
It makes me sad to see forests cleared for agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We need to keep rivers and lakes clean in order to protect the environment, and not as places for people to enjoy water sports.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am opposed to governments controlling and regulating the way raw materials are used in order to try and make them last longer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would not get involved in an environmentalist organization.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
One of the most important reasons to keep lakes and rivers clean is so that people have a place to enjoy water sports.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
I'd prefer a garden that is wild and natural to a well groomed and ordered one.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Protecting peoples' jobs is more important than protecting the environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would like to join and actively participate in an environmentalist group.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Families should be encouraged to limit themselves to two children or less.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Modern science will solve our environmental problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A family should have as many children as they wish, as long as they can adequately provide for them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humans are severely abusing the environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
Modern science will not be able to solve our environmental problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I'd much prefer a garden that is well groomed and ordered to a wild and natural one.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It does not make me sad to see natural environments destroyed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Governments should control the rate at which raw materials are used to ensure that they last as long as possible.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Protecting the environment is more important than protecting peoples' jobs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



How worried are you about climate shocks?

- ☐ Very worried
- ☐ Somewhat worried
- ☐ Not very worried
- ☐ Not at all worried

How much do you think climate shocks will harm people in your place?

- ☐ Not at all
- ☐ Only a little
- ☐ Quite a bit
- ☐ A great deal

Do you think that climate shocks are mainly...

- ☐ a result of human activities
- ☐ a result of natural causes

In your opinion, is the increased probability of climate shocks in recent times mainly...

- ☐ a result of human activities
- ☐ a result of natural causes

EP

How willing are you to give up something that is beneficial for you today in order to benefit more from that in the future?

012345678910

0 (completely unwilling to do so)
10 (very willing to do so)

In general, how willing are you to take risks?

012345678910

0 (completely unwilling to take risks)
10 (very willing to take risks)

When someone does me a favor, I am willing to return it.

0 1 2 3 4 5 6 7 8 9 10

0 (does not describe me at all)
10 (describes me perfectly)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

If I am treated very unjustly, I will take revenge at the first occasion, even if there is a cost to do so.

0 1 2 3 4 5 6 7 8 9 10

0 (does not describe me at all)
10 (describes me perfectly)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

How willing are you to punish someone who treats **you** unfairly, even if there may be costs for you?

0 1 2 3 4 5 6 7 8 9 10

0 (completely unwilling to do so)
10 (very willing to do so)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

How willing are you to punish someone who treats **others** unfairly, even if there may be costs for you?

012345678910

0 (completely
unwilling to do so)
10 (very willing to do
so)

How willing are you to give to good causes without expecting anything in return?

012345678910

0 (completely
unwilling to do so)
10 (very willing to do
so)

I assume that people have only the best intentions.

012345678910

0 (does not
describe me at all)
10 (describes me
perfectly)

CS

In the following section, we will ask questions about your personal experience with climate shocks. If, for personal

reasons, you prefer not to answer these questions, you may skip this section.

- ☐ Continue
- ☐ Skip section

In the past, have you personally experienced any climate-related shocks or extreme weather events?

- ☐ Yes
- ☐ No

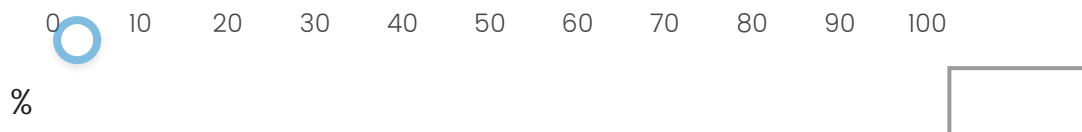
How concerned are you about the potential impact of climate shocks on your place?

- ☐ Not concerned at all
- ☐ Slightly concerned
- ☐ Very concerned
- ☐ Extremely concerned

What is your perspective on the likelihood (in percent) of your place experiencing a climate shock?

0% = a climate shock is not going to happen

100% = a climate shock is definitely going to happen



Please specify which climate-related shocks or extreme weather events you have experienced.

(multiple answers allowed)

- ☐ Heatwaves
- ☐ Hurricanes
- ☐ Floods
- ☐ Droughts
- ☐ Wildfires
- ☐ Extreme rainfall
- ☐ Landslides
- ☐ Other

Have you ever lived in a place where natural resources are extracted?

- ☐ Yes
- ☐ No

Are you aware of any resource conservation initiatives in that place?

- ☐ Yes
- ☐ No
- ☐ Not sure

Resource extraction has a significant impact on the environment.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

AB

I believe that individual actions to conserve the environment are important.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral

- ☐ Agree
- ☐ Strongly agree

I believe that only group actions such as NGOs or community based actions have real impact on the environment.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Demography

What is your age?

Gender

- ☐ Male
- ☐ Female
- ☐ Non-binary / third gender

☐ Prefer not to say

Country of residence

- ☐ Germany
- ☐ India
- ☐ Indonesia
- ☐ Netherlands
- ☐ Not listed above

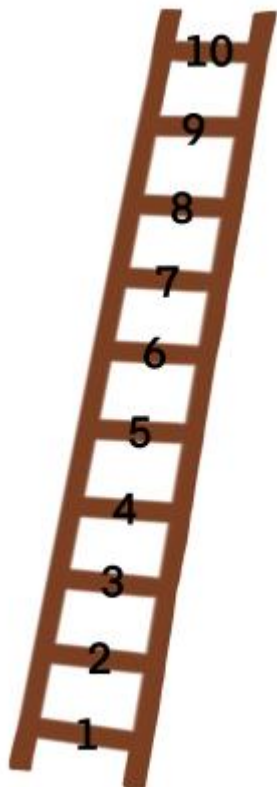
What is your highest level of education?

- ☐ Less than high school
- ☐ High school graduate
- ☐ Some college/technical training
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ Doctorate (PhD.)
- ☐ Other

Specify your field of study

- ☐ Related to natural resources
- ☐ Not related
- ☐ Not sure if it is related

Think of a ladder (see image below) as representing where people stand in society. At the top of the ladder are the people who are best off—those who have the most money, most education and the best jobs. At the bottom are the people who are worst off—who have the least money, least education and the worst jobs or no job. The higher up you are on this ladder, the closer you are to people at the very top and the lower you are, the closer you are to the bottom. Choose the number whose position best represents where you would be on this ladder.



Choose the number whose position best represents where you would be on this ladder.

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Block 11

Do you believe that you answered all the survey questions carefully and accurately, and that your responses should be included in the analyses? Please select the option that best reflects your assessment.

- ☐ Yes, I believe my responses are accurate and should be included.
- ☐ No, I think some of my responses should be excluded from analyses.

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