Section 1. Perceptions about climate change

Q1 Do you think the world's climate is changing?

Definitely not changing 1

Probably not changing 2

Probably changing 3

Definitely changing 4

I don't know 5

Q2 Based on your understanding, which of the following best describes what is most responsible for causing climate change?

Entirely natural processes 1

Mainly natural processes 2

About equally natural processes and human activity 3

Mainly human activity 4

Entirely human activity 5

I don't think climate change is happening 6

I don't know 7

Q3 How well informed do you feel about climate change?

Not at all informed 1

Not well informed 2

Somewhat informed 3

Well informed 4

Very well informed 5

I don't know 6

Q4 How concerned are you about climate change?

Not at all concerned 1

Not very concerned 2

Somewhat concerned 3

Very concerned 4

I don't know 5

Q5 When you think about the effects of climate change in your country, what are your top concerns? Please list up to three.

Section 2. Perceptions about the value of, and threats to, coasts, oceans and their wildlife

Q6 In your opinion, what are the three most important benefits that people in your country gain from the coast and oceans, including their wildlife?

Food 1

Recreation and tourism 2

Places to support mental health and wellbeing 3

Transport and shipping 4

Natural coastal protection 5

Renewable energy 6

Raw materials for construction 7

Places to support diverse marine plants and animals 8

Climate control 9

Aesthetic pleasure 10

Places that provide a sense of identity 11

Oil and gas 12

Water quality 13

Places that support history and cultural heritage 14

Other (please specify) 15

Q6b 'Other' specification

Q7 Please rate the following threats to marine and coastal ecosystems in your country as to how serious you feel the threat is:

Very low 1

Low 2

Medium 3

High 4

Very high 5

I don't know 6

Q7\_1 Fishing / harvesting of marine and / or coastal life

Q7\_2 Extraction of non-living resources (e.g. sand, aggregates, minerals)

Q7\_3 Plastic pollution

Q7\_4 Shipping

Q7\_5 Climate change

Q7\_6 Coastal development

Q7\_7 Tourism / recreation

Q7\_8 Aquaculture

Q7\_9 Land runoff

Q7\_10 Marine noise

Q7\_11 Invasive species

Q7\_12 Chemical pollution

Q7\_13 Other infrastructure (e.g. renewable energy, communications)

Q8 To what extent do you agree or disagree with the following statements:

Strongly disagree 1

Disagree 2

Neither agree nor disagree 3

Agree 4

Strongly agree 5

I don't know 6

Q8\_1 The health of marine and coastal ecosystems is critical for human wellbeing

Q8\_2 Marine and coastal ecosystems are in excellent health in your country

Q8\_3 Climate change is causing irrevocable damage to marine and coastal ecosystems in your country

Q8\_4 The oceans are too large for humans to cause lasting damage

Q8\_5 Marine and coastal ecosystems have a major influence on weather and climate

Q8\_6 Marine and coastal ecosystems are essential for reducing or slowing climate change

Q8\_7 Marine and coastal ecosystems are essential for supporting global and local economies

Q9 The following is a list of possible effects of climate change on coasts, oceans and marine wildlife. From these, please select the three that you feel are of most concern in your country.

Coastal erosion 1

The ocean becoming more acidic 2

Changes to ocean currents 3

Changes in ocean productivity 4

Changes in sea temperature 5

Sea level rise 6

Changes in the distribution of marine and coastal plants and animals 7

Changes in the frequency of extreme weather events 8

Reduced ability to take up and store carbon 9

Coastal flooding 10

Other (please specify) 11

None 12

Q9b 'Other' specification

Section 3. Perceptions about climate change response

Q10 In your opinion, which three of the following key goals should be of greatest priority for governments to address?

Protecting natural resources and ecosystems 1

Improving human health and healthcare systems 2

Improving management of agriculture and forestry 3

Improving education opportunities 4

Managing the environment to improve human health (e.g. air quality, access to greenspace, green roofs, etc.) 5

Addressing climate change 6

Reducing economic insecurity and inequality 7

Improving management of marine fisheries 8

None 9

Q11 How much responsibility do you think the following should have for acting on climate change?

No responsibility 1

Some responsibility 2

A lot of responsibility 3

I don't know 4

Not applicable because climate change isn't happening 5

Q11\_1 United Nations

Q11\_2 Regional organisations (e.g. EU, CARICOM)

Q11\_3 National governments

Q11\_4 Local governments

Q11\_5 Business and industry

Q11\_6 Individuals

Q11\_7 Community groups

Q11\_8 NGOs / charities

Q12 To what extent do you agree or disagree with the following statements:

Strongly disagree 1

Disagree 2

Neither agree nor disagree 3

Agree 4

Strongly agree 5

I don't know 6

Q12\_1 Society is doing much to address the impacts of climate change

Q12\_2 Protecting specific places along the coasts and in the oceans is unlikely to improve their health or benefit people

Q12\_3 Climate change will hurt future generations

Q12\_4 People do not need to worry about climate change because new technologies will be developed to help address adverse environmental changes

Q12\_5 Enhancing and preserving marine and coastal ecosystems should be a key focus of policies that address climate change, nature conservation and sustainable development

Q12\_6 I would support actions to protect the oceans, even if it meant eating less seafood and paying more for it

Q12\_7 Taking action on climate change will damage my country’s economy

Q12\_8 Climate change will harm me personally at some point in my lifetime

Q12\_9 Society should be doing more about climate change

Q12\_10 Solutions working with natural systems (e.g. restoring ecosystems) can improve the health of marine and coastal ecosystems and benefit people

Q12\_11 There is too much uncertainty in scientific evidence to know how best to act on climate change

Q12\_12 Improving the health of marine and coastal ecosystems will benefit people by contributing to climate change mitigation and adaptation

Q13 One approach currently being considered to help address key societal issues is Nature-Based Solutions. Have you heard about Nature-Based Solutions?

I have not heard of Nature-Based Solutions 1

I have heard of Nature-Based Solutions 2

I know a lot about Nature-Based Solutions 3

Section 4. About you

Q14 Where do you live?

Australia 1

Austria 2

Barbados 3

Belgium 4

Brazil 6

Cameroon 7

Canada 8

China 9

Colombia 10

Djibouti 11

Ecuador 12

Finland 13

France 14

Germany 16

Ghana 17

Greece 18

Guinea 19

Guyana 20

Ireland 21

Italy 22

Jamaica 23

Kenya 24

Madagascar 25

Mexico 27

Monaco 28

Netherlands 29

Nicaragua 30

Niger 31

Norway 32

Other 33

Panama 34

Philippines 35

Portugal 36

Senegal 39

Seychelles 40

South Africa 41

Spain 42

Sweden 43

Switzerland 44

Turkey 45

United Kingdom of Great Britain and Northern Ireland 46

United States of America 47

Q14b 'Other' specification

Q15 Of the following, which best describes how you mostly interact with coasts and oceans?

I produce food through fishing and/or seafood production 1

I am a tourist and/or recreational user 2

I am actively involved in conservation, management and/or scientific advice 3

Other (please specify) 4

I provide tourism and/or recreation services 5

Q15b 'Other' specification

Q16 How old are you?

<18 1

18-30 2

31-40 3

41-50 4

51-60 5

>60 6

Prefer not to answer but over 18 7

Q17 What best describes your gender identity?

Female 1

Male 2

Prefer to self-describe 3

Prefer not to say 4

Q17b Gender identity described by participant

Q18 What is the highest level of education you have completed?

Did not attend school 1

High / secondary school or equivalent 2

Bachelor's degree (e.g. BA, BSc) 3

Master's degree (e.g. MA, MSc, Mres, MEd) 4

Doctorate (e.g. PhD) 5

Prefer not to answer 6

Other (please specify) 7

Q18b 'Other' specification