Appendix A

CLIMATE CHANGE HOPE SCALE (CCHS)

*Definition: Climate change refers to changes in the Earth’s climate including changes in temperature, precipitation, and wind patterns over a period of several decades or longer, primarily due to the emission of greenhouse gases from burning fossil fuels and land-use change. It may cause problems such as changes in sea level, more extreme heat events, fires and drought, more extreme storms, and floods. Scientists project that the problems caused by climate change could affect, for example, forest health, agriculture, freshwater supplies, coastlines, human health, economy, wildlife habitat, and human migration.*

-3 = Strongly disagree 1 = Slightly agree

-2 = Disagree 2 = Agree

-1 = Slightly disagree 3 = Strongly agree

0 = Neutral X = I do not think climate is changing.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | I believe people will be able to solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 2 | I believe scientists will be able to find ways to solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 3 | Even when some people give up, I know there will be others who will continue to try to solve problems caused by climate change.  | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 4 | If everyone works together, we can solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 5 | I am willing to take actions to help solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 6  | I believe more people are willing to take actions to help solve problems caused by climate change.  | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 7 | I know that there are things that I can do to help solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 8 | I know what to do to help solve problems caused by climate change.  | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 9 | Climate change is beyond my control, so I won’t even bother trying to solve problems caused by climate change. | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 10  | Climate change is so complex we will not be able to solve problems that it causes.  | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |
| 11 | The actions I can take are too small to help solve problems caused by climate change.  | -3 | -2 | -1 | 0 | 1 | 2 | 3 | X |