

## Scoring Guide for the Climate Change Attitude Survey

The updated version of the CCAS has 18 items. The items created a two-factor structure that were named Climate Change Beliefs (Factor 1) and Climate Change Intentions (Factor 2). Factor 1 Climate Change Beliefs includes Items 1-8, 10 from Part 1 below and Item 1,6,7,8 from Part 2. In a recent analysis of the data, the Cronbach's alpha for the 10 items was .89. Factor 2 Climate Change Intentions has 5 items all that are negatively worded and must be reversed before scoring. (1 = 5, 2 = 4, 3 = 3, 4 = 2, 5 = 1) The items included are Item 9 from Part 1 and Items 2,3,4,5 from Part 2. The Cronbach's alpha for this factor was .76.

### Climate Change Attitude Survey

Gender: \_\_\_M \_\_\_F Year of Birth: \_\_\_\_\_

Instructions: This survey was designed to gather information about how individuals feel about the change in our climate. **Read each statement and then click on the circle which best shows how you feel.**

**How much do you agree with the following statements about climate change?**

SD = Strongly Disagree, D = Disagree, U = Undecided, A = Agree, SA = Strongly Agree

Part 1	SD	D	U	A	SA
1. I believe our climate is changing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I am concerned about global climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I believe there is evidence of global climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Global climate change will impact our environment in the next 10 years.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Global climate change will impact future generations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. The actions of individuals can make a positive difference in global climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Human activities cause global climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Climate change has a negative effect on our lives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. We cannot do anything to stop global climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I can do my part to make the world a better place for future generations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Christensen & Knezek, 2014					
Part 2	SD	D	U	A	SA
1. Knowing about environmental problems and issues is important to me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. I think most of the concerns about environmental problems have been exaggerated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Things I do have no effect on the quality of the environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. It is a waste of time to work to solve environmental problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. There is not much I can do that will help solve environmental problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I believe that I can contribute to the solution of environmental problems by my actions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Environmental problems can be solved without big changes to our way of life.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I think each of us can make a significant contribution to environmental protection.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Adapted from Wisconsin Center for Environmental Education (1994) and LeHebel, Montpied, & Fontanieu, 2014