

Project Section	Criteria	Points				Sub Total	Notes
		Complete	Partially Complete	Attempted	Not Present		
Abstract (Summary)	● State the research question	3	2	1	0		
	● Describe why you chose this research topic	3	2	1	0		
	● Describe the investigation you planned and conducted	3	2	1	0		
	● State your claim and describe your supporting or refuting evidence (data)	3	2	1	0		
Background Information for Research	● State how you decided to do this research	3	2	1	0		
	● What prior knowledge did you have about this research topic?	3	2	1	0		
Research Question & Hypothesis	● Write the research question	3	2	1	0		
	● Write your claim, prediction, or hypothesis.	3	2	1	0		
	● How does the question relate to an environmental or global community issue?	3	2	1	0		

<b>Investigation Data Collection Plan</b>	<ul style="list-style-type: none"> <li>Identify the type or source of the data that you collected or downloaded, e.g., observations you made, GLOBE data you found.</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>How were the data collected (i.e., when, where, how often, etc.)</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Include a map showing where the data were collected</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>(Optional) Describe changes that were made to the data collection plan and explain why these changes were made</li> </ul>	3	2	1	0		
<b>Data Analysis</b>	<ul style="list-style-type: none"> <li>Show your data in two ways using graphs, figures, and/or tables</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Add a title for each visual that describes the graph, figure, and/or table</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Describe any trends, patterns, or other relationships you notice in the data</li> </ul>	3	2	1	0		
<b>Interpretation of Data (Relating Data &amp; Question)</b>	<ul style="list-style-type: none"> <li>State whether the research question can be answered based on the data, and why</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>State whether your data support or refute your claim (hypothesis/prediction), and how</li> </ul>	3	2	1	0		
<b>Conclusions</b>							

	<ul style="list-style-type: none"> <li>Describe the uncertainties and limitations of the investigation including possible sources of error</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>State whether there might or might not be a cause-and-effect relationship</li> </ul>	3	2	1	0		
<b>Conclusion/ Next Steps</b>	<ul style="list-style-type: none"> <li>Describe how your thinking about the research question has changed</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Describe another way that you could interpret your data</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Discuss ways you could improve how you planned and/or carried out the investigation</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>Discuss recommendations for follow-up investigations/future research</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>(Optional) Describe additional background information that could support your conclusion</li> </ul>	3	2	1	0		
<b>References/ Bibliography</b>	<ul style="list-style-type: none"> <li>Cite the GLOBE website</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>(Optional) List GLOBE materials and/or NASA assets that were used</li> </ul>	3	2	1	0		
	<ul style="list-style-type: none"> <li>(Optional) Cite other relevant sources</li> </ul>	3	2	1	0		
<b>Total</b>							