**Climate Change Unit 2: Global Sea-Level Response to Temperature Changes –Assessment Rubric**

Graphing questions (3 point questions). Questions 1, 3, 6

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| Question # | Exemplary: 3 points  Data is plotted correctly in a graph; the axes of the graph are labeled; and correct units are included. | Good: 2 points  Data is plotted correctly in a graph, but the axes are not labeled OR the proper units are not included. | Basic: 1 point  Data is plotted correctly in a graph, but the axes are not labeled OR the proper units are not included. | Nonperformance: 0 points  Student does not submit a completed graph | Score |
| 1 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 6 |  |  |  |  |  |

Quantification questions: Questions 2, 4, 5, 7, 8

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| Question # | Exemplary: 3 points  Methodology described and appropriate; equations or methodology components defined; calculations/products are correct | Good: 2 points  Characteristics of 3-point response but lacking in details; incorrect results or products; AND/OR demonstration of having minor conceptual errors. | Basic: 1 point  Major conceptual errors for methodology and selection of equations; lacking definitions or clarifications; no comments | Nonperformance: 0 points  No effort made to respond to task | Score |
| 2 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |

Synthesis questions: Questions 9 and 10

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| Question # | Exemplary: 3 points  Student provides a detailed response to the question that includes at least **two** correct answers to the question. | Good: 2 points  Student provides a detailed response to the question that includes at least **one** correct answer to the question. | Basic: 1 point  Student provides a basic response to the question. Answer may not be factually correct. | Nonperformance: 0 points  No effort made to respond to task | Score |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |

Reflection question: Question 11

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| Question # | Exemplary: 3 points  Student provides a detailed response that addresses both portions of the question. | Good: 2 points  Student provides a detailed response to one of the questions, or a basic answer to both portions of the question. | Basic: 1 point  Student provides a basic answer to one of the questions | Nonperformance: 0 points  No effort made to respond to task | Score |
| 11 |  |  |  |  |  |
| Assignment total score (out of 33) | | | | |  |