**LTER VTC, 03/14/2018 – Questions**

1. What inspired you to go to Antarctica in the first place? – Aiden, Jefferson Township High School
2. Why is the Western Antarctic Peninsula the fastest warming place on Earth? What are the factors that make this place vulnerable to faster change? – Laurianni, New Brunswick High School
3. With the water becoming warmer, will that result in organisms moving deeper to reach cooler water? Will their predators be able to reach them? Will something else eat them in the deeper water? – Quaterria, JFK STEM Academy
4. What are some trends that you see in the data collected at Palmer Station? – Patrick, Jefferson Township High School
5. In the video “Antarctica – The Story of an Oceanographer”, she mentions how being a marine biologist and oceanographer isn’t always about swimming with dolphins and penguins, but instead about computer work and fieldwork preparation. How do you prepare yourself? – Ashley, New Brunswick High School
6. If the ice plankton live under the sea ice, how do they get sunlight for photosynthesis? – Shaad, JFK STEM Academy
7. How has the increase in tourism left a human footprint on Antarctica? Does this leave reason for concern? – Alysza, Jefferson Township High School
8. What is the most difficult part of living/researching in Antarctica? – Luis, New Brunswick High School
9. What are your ideas as to how the sea ice melting can be slowed? What do you think the area will look like in 100 years? – Minhajur, JFK STEM Academy
10. What are your favorite things about living in Antarctica? – Ali, Jefferson Township High School
11. We understand that research is important to theorize what will happen next, but what actions have been done to slow down the negative impacts occurring? How has this research helped bring change to the threat of the huge melting of ice? – Mixtzy, New Brunswick High School
12. Do krill camouflage themselves? How is this affected by the retreat of sea ice? – Ahjanae, JFK STEM Academy
13. Are there plans on establishing additional research centers throughout Antarctica? – Tyler, Jefferson Township High School
14. Due to warmer weather and the result of climate change, how much has Antarctica’s ecosystem changed or been influenced by it? – Maritza, New Brunswick High School
15. If an organism has to change its range and niche, does it affect their life span? – Kay, JFK STEM Academy