

Biol. 463

Study Questions for the Richard Alley video talk (Good news on energy & environment)

Watch the youtube video (https://www.youtube.com/watch?v=z_qYtUeKU14&feature=youtu.be) and answer the questions given below.

Any of these questions may appear on your last exam.

1. Why does Dr. Alley suggest that we currently have more trees and whales than we did in the 1800s?
2. What did you find to be the most troubling potential consequence of future warming that he mentioned, and why?
3. Quantitatively compare the energy requirements of human society to the energy available from the Sun and the wind. Is there enough to meet our needs?
4. Why have some ranchers embraced the placement of wind turbines on their cattle ranches?
5. If you decide you want to help avert the worst of global warming, what does he suggest you might do?
6. Did you find this talk depressing, inspiring, or something else, and why?