**ESM803 – Tutorial Questions for discussion next Wednesday 31st August.**

Review the video and slides for Lecture 1. Also read Chapter 3 of the Text Reference “ Sustainability – A Comprehensive Foundation”

Q1. Select any two Climate System components and briefly discuss the interaction taking place, and how the interaction affects the climate of the earth.

Q2. The Koppean Climate Classification system – what are the 5 main types of climate identified by this scientist?

Q3. “The changing atmospheric temperature affects the different parts of the world in the same way”. Do you agree or disagree with this statement? (Refer slide 12 of Lecture 1)

Q4. Natural Climate change – what are the causes – explain

Q5. Explain the causes the of anthropogenic climate change.

Q6. Read the Text Reference “Sustainability – A Comprehensive Foundation” Chapter 3: Discuss the meaning of the terms ‘insolation’ and ‘albedo’. Explain how ‘insolation’ and ‘albedo’ affects the climate of the earth.

**Submit your answers by email to** [**Ulukalesi.tamata@fnu.ac.fj**](mailto:Ulukalesi.tamata@fnu.ac.fj) **for assessment by next Wednesday. This worth 10% of the Coursework.**