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BIO 102 Gleeson

Test 1

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BIO 102 Gleeson
Spring 2010
Test 1

Biology 102

Professor: Gleeson

Class Time: TR 9:30-10:45

January 14, 2010- Introduction

- **Slide 3: Introduction Song**
 - The native Hawaiian song sings about the natural beauty of the world and enjoying it as it is.
- **Bio News: Arctic Sea Ice Shatters All-Time Minimum**
 - With increasing temperatures this raises a whole group of problems that need to be addressed.
 - **Possible Results of Declining Sea Ice:**
 - Increase in greenhouse gases
 - Raise in water level
- **Slide 19: Dr. Gleeson's Slogan:** "Living in Paradise, working on Utopia."
- **Bio News: Coal Ash Spills**
 - With the largest coal ash spill on record, many problems are expected to follow.
 - The runoff is leaking into the water system and flooding local ponds, rivers, and streams.
- **Bio News: Chemical linked to Parkinson's**
 - A worker is trying to receive worker's compensation after working with a chemical (TCE) for multiple years while at a job and later developing Parkinson's disease.
 - TCE: (the chemical the worker used in the factory) is able to soak through the skin and lead to signs of Parkinson's.
- **Slide 29: Margaritaville**
 - **Main Message:**
 - It talks about an accessible fantasy get away from everything.
 - It allows people to go to a place that is free of the world's problems.

January 19, 2010- Introduction (continued...)

- **Slide 34-36: Natural Capital**
 - **Natural Capital:** can be thought of as our environment. It is the natural resources
 - **For Example:**
 - *Hydroelectric Power*
 - Everything we do and the activities we do can affect the environment.
 - The question is how do we go about using natural capital?
 - It's free!
- **Slide 37-38: Why we use the term "Natural Capital"**
 - **Capital:** implies a store of wealth that can generate interest.
 - You can live off of capital forever as long as the spending never surpasses the supply and the interest received from it.
 - As we speak we are degrading our supply of natural capital.
 - **Ways we are degrading our supply of natural capital:**