



A World with Plastic Trees

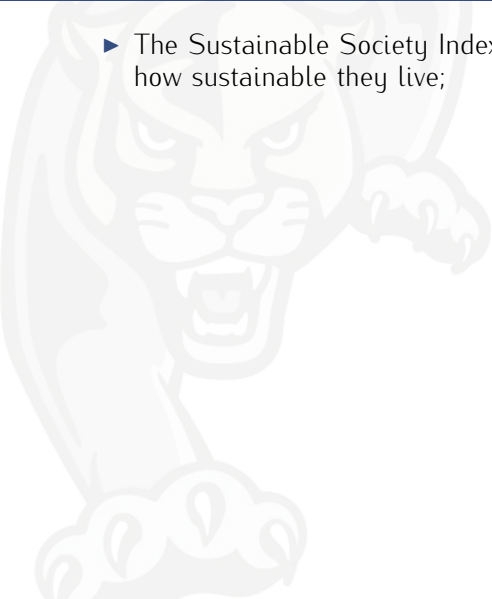
Corbin Fletcher ©

Public Speaking an Informative Speech

July 11, 2011

Sustain Society Foundation

- ▶ The Sustainable Society Index is used to score societies on how sustainable they live;



Sustain Society Foundation

- ▶ The Sustainable Society Index is used to score societies on how sustainable they live;
 - ▶ North America score is a **five** and a score of ten would represent full sustainability.

Climate Change

HUMAN INDUCED CLIMATE CHANGE

- ▶ Humans are causing climate change:
 - ▶ Sea levels have risen over the last 100 years.
 - ▶ Severe weather is becoming more variable and less predictable.
 - ▶ There is a continues build up of green house gases such as carbon dioxide

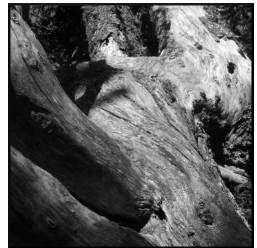
- ▶ “To harm nature is to harm ourselves, and to defend earth is self-defence.” (Næss, 1989)

Over Consumption

- ▶ The average US citizen uses 300 times the energy that a third world citizen uses.
- ▶ A person in North America consumes more than a person in Latin America.
- ▶ And the US produces 25–50% of the total industrial waste on the planet.

Over Population

- ▶ Globally we over use our natural resource; such as:
 - ▶ Wood
 - ▶ Oil
- ▶ Human induced deforestation is occurring at approximately 17 million hectares per year.
- ▶ World wide 1.2 billion people lack safe drinking water.



Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;
5. Keep within the earth's carrying capacity;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;
5. Keep within the earth's carrying capacity;
6. Change personal attitudes and practices;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;
5. Keep within the earth's carrying capacity;
6. Change personal attitudes and practices;
7. Enable communities to care for their own environments;

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;
5. Keep within the earth's carrying capacity;
6. Change personal attitudes and practices;
7. Enable communities to care for their own environments;
8. Provide a national framework for integrating development and conservation and

Principles of a Sustainable Society

The nine principles of a sustainable society are interrelated and mutually supporting:

1. Respect and care for the community of life;
2. Improve the quality of human life;
3. Conserve the Earth's vitality and diversity;
4. Minimize the depletion of non-renewable resources;
5. Keep within the earth's carrying capacity;
6. Change personal attitudes and practices;
7. Enable communities to care for their own environments;
8. Provide a national framework for integrating development and conservation and
9. Create a global alliance

In Summation

We are smack in the middle of the Earth's sixth major extinction. Unless we want to live in a world with plastic trees *as a society* we must live more sustainably.

Credits

- ▶ Brought to you by <http://blog.protectedareas.us>
- ▶ Sustainable Society Foundation <http://www.ssfindex.com/>
- ▶ This presentation was created using L^AT_EX !

Questions





- ▶ P. M. Shearer, **Introduction to seismology**, 1999.
- ▶ T. C. Wallace and T. Lay, **Modern global seismology**, 1995.
- ▶ Lawrence, J. F., and M. E. Wyssession, **Seismic evidence for subduction-transported water in the lower mantle**, Earth's Deep-Water Cycle, AGU Monograph, **2006**, 251-261.
- ▶ P. W. Burton, J. D. Bennel, Q^{-1} and lithospheric thickness, Earth and planetary science letter, 30, **1976**, 151-154.
- ▶ S. Gregersen, F. Vaccari, **Lg-wave modelling for the North Sea**, 114, **1993**, 76-80.
- ▶ B. Romanowicz, **On the measurement of anelastic attenuation using amplitudes of low frequency surfaces waves.**, Physics of the earth and planetary interiors, 84, **1994**, 179-191.
- ▶ L. Ottemöller, **Lg wave Q tomography in Central America**, Geophys. J. Int., 150, **2002**, 295-302.
- ▶ C. A. Dalton, G. Ekström, **Global models of surface wave**