Lecture 3:
We Don’t Tenure Mother Teresa

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Homework #1: Due in class for L#3
List one item raised by Klein
in Chapters 1 – 3 where you:

a) want more information

b) have a strong factual agreement or disagreement

c) have a strong visceral agreement or disagreement

(b) is optional

Resources:

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A revolution on climate politics
U.S.-China Joint Announcement on Climate Change

Born Agnes Gonxha Bojaxhiu in Macedonia in 1910
Energy Poverty:
There are 1.4 billion people lacking access to electricity today. Based on current trends, 1.2 billion people will still lack access in 2030. Another 1+ billion have intermittent/unreliable access.

International Energy Agency, 2010

Technological and Entrepreneurial Opportunity: Lighting Africa

Quantitative Assessments: Energy and Human Development
Sustainable Energy for All (UN)
Hot Topic: Kerosene for Lighting

- Warming of 1 kg of BC = 700 kg of CO2 over 100 years
- Low organic carbon emissions (OC)
- Lung function, asthma, cancer risks

Source: Lam et al., EST (2012)

Time/Activity/Personal Exposure Daily Histories

The Effect of Exposure Patterns

Stove and Fuel Comparison (Average Emissions)

Exposure in Rural Kenya: Age and Gender

Developed Country Studies

- Valid for Concentrations below 200 µg/m³
Learning Rates of 108 Technologies

- Positive learning: Lockheed Tristar
- Negative learning: French nuclear reactors

Source: Argote & Epple, 1990

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