

# 1st TSE Lecture

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ECOR 1010

- Energy is the key to everything
- Extra-genetic means outside the body
- Fossil fuels have formed the modern society
- Agriculture (ten millennia ago) was the first great energetic leap
- Widespread use of fossil fuels was the second great energetic leap
- Kyoto was meeting of multiple countries who created a pact to lower CO2 emissions
- Easily accessible oil stocks are going to be used up soon and then the harder to access stocks will come on the market, but because they're harder to get they will be more expensive.
- Peak oil is the hypothetical time in which the earth will eventually run out of oil.
- Predictions show in a best case scenario we will run out of oil by 2030 and gas a little later
- As engineers we must not only think about form and function but also the sustainability of everything we do.
- Oil embargo stopped giving people, and people said the economy was going to crash however the wealth increased and energy and co2 decreased.
- We must do that on a grand scale, increase economy lower fossil fuels (lol good luck)