Discussion #25: Action Day #3
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Class Web Site: http://www.atmos.umd.edu/~rjs/class/honr229L
ELMS Page: https://myelms.umd.edu/courses/1229919

4 December 2017
Action Day 3

5:00 to 5:10  Charge for today

5:10 to 5:20  Negotiating Session (Mail Room):
Negotiators: Focus on finalization of sticking points of Intern’l Agree.

5:10 to 5:20  Countries meet under direction of President: focus on:
a) any lingering “issues”; b) groups plans
    China (3408 here), India (3425 Seminar Room), U.S. (3426 Computer Lab)

5:20 to 5:25  Negotiators back to countries
  a) negotiator: Summarize Session
  b) Senate vote on treaty
  c) President give thumbs up or thumbs down

5:26 pm  any Pres. desiring another Negotiating Session tell Ross, outside room 3408

5:26 to 6:00  Focus on getting Senate / Presidential Approval of energy plan (written by Energy Minister), as well as economic development & population plans (written by Senate)

6:00 pm  Everyone return to 3408

6:01 to 6:10  3 mins max summary from Pres. of US, China, & India focused on any lingering issues and readiness for Wed

6:10 to 6:15  Charge for Wed & return of papers
HONR 229L: Climate Change: Science, Economics, and Governance

Grades:

a) Admission tickets (40%): lowest four dropped
 Five students received 100% (wow!)
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   Thanks for your hard work!
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   Thanks for your hard work!

b) Attendance, Presentation & Participation Grade (10%) have been entered into ELMS:
   Subjective evaluation by Ross & Walt, converted to number, according to:
   
<table>
<thead>
<tr>
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<tr>
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c) Paper 1 (35%): Evaluated based on topic/content plus writing
   
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Grades:

a) Admission tickets (40%): lowest three dropped
   Nine students received 100% (wow!)
   Three students in lowest range of 97.5 to 98% (double wow!)
   Thanks for your hard work!

b) Attendance, Presentation & Participation Grade (10%) have been entered into ELMS:

c) Paper 1 (35%): Evaluated based on topic/content plus writing

d) Paper 2 (15%): Brief write-up of the class project, from your perspective in this exercise, plus whatever legislation you authored (or co-authored)

   **Due Mon, 11 Dec, 11:59 pm, via email**
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Need to produce 8 “plans”

- **Attain & Improve, median popul. growth: US** ← Energy Plan for 50% renewables, 2060
  Economic Development Plan for transition

- **Attain & Improve, median popul. growth: China** ← Energy Plan for 50% renewables, 2060
  Economic Development Plan for transition

- **Attain & Hold, low popul. growth: India** ← Energy Plan for 33% renewables, 2060
  Economic Development Plan for transition
  Population Control Legislation

**Negotiators:** *International Agreement* setting forth mechanism(s) for achieving reductions in GHG emissions: can focus on transfer of capital, technology, international cap & trade, carbon tax, loan forgiveness, etc.

Each of these 8 “plans” should:

- a) appear on a single piece of paper using 12-point font (front and back *or* just front OK)
- b) must be approved by responsible Senates either next Monday or Wednesday
  Need unanimous approval of each piece of legislation & Presidential signature; however, each President can over-ride one single negative Senate vote
- c) on day of presentation, we will hand these 7 plans to our judges & of course you all will stand up & describe
Energy Plan Organization

**President**: Organizes group and must sign three documents, but only after Senate approval:
1) International agreement for exchange of technology and finance
2) Region’s energy plan (written by Energy Minister)
3) Region’s economic development plan (written by Senate)

**3 person Senate**: Votes on international agreement, energy plan, & authors economic plan:
- *Each* needs unanimous approval of the Senate, except the President can override a 2 to 1 vote and grant his or her “approval” ... only once!
- 3 pieces of legislation: President get’s one override

**Energy Minister**: *One to two page document* outlining how the Paris NDCs will be implemented within the region (i.e., specific mix of renewables, etc)

**Economic Development Plan**: *One to two page document* overview of how the transition to renewables will impact the economy, including jobs, to be written by the Senate

**Negotiator**: Communicates with other groups and formulates international agreement
- *One to two page document* detailing how 3 regions will cooperate to achieve their respective energy plans: could be cap & trade, carbon tax with funds flowing internationally, technology transfer, etc
Business As Usual

Global Emission (Gt CO₂-eq)

Historic
RCP 8.5
RCP 4.5
Class Agreement

Group Emission (Gt CO₂-eq)

USA (BAU mid)
China (BAU mid)
India (BAU mid)
Other Developed (BAU mid)
Other Developing (BAU mid)

Per-Capita Emission (t CO₂-eq ppy)

1990 2000 2010 2020 2030 2040 2050 2060
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Project Evaluation

Formal presentation will be held Mon, 11 Dec, 5 pm in ATL 3400, before panel of 3 judges who will be asked to evaluate:

1. **Efficacy of overall plan**

   For each country:

   2. **Are plans realistic?**
   3. **Did country give up too much or too little in the negotiation?**

Which country did the best?
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**Charge for Wednesday: students, please bringing laptops to class**

Class will immediately break into groups

Expectation is that the 8 plans (3 energy, 3 economic development, 1 population, & the int’l agreement) have been **finalized before start of this class**

Each group should devote their meeting time to developing their 6 to 8 set of powerpoint slides, to be presented to our judges as well as a public audience, that details the energy, economic development, & population control plan of their country

Negotiators should focus on their 6 to 8 slide powerpoint presentation of the International Agreement

**On Mon Dec 11 at 5 pm in ATL 3400, we’ll have four 10-minute presentations:**

* negotiators present int’l agreement

* China, India, US present their respective domestic development plans

**Would like to limit each 10-minute slot to no more than 3 speakers**

**All students expected to be present and participate in Q / A to follow**