

Syllabus

DISS428. Energy & International Relations

Spring, 2017

Prof. Jae-Seung Lee

Class Hours: Mon., Wed 14:00-15:15

Office Hours: Mon, Tue 15:30-17:30

E-mail: jaselab@korea.ac.kr

Course Overview

- Understanding the concept of energy security
- Understanding major energy statistics
- Understanding key regional issues in global energy transaction
- Understanding the rising issues in global energy relations

Text:

- Jan Kalicki & David Goldwyn, eds., <Energy & Security> (Johns Hopkins University Press, 2nd Edition, 2013) (Purchase either soft copy or kindle)
- Statistics: BP, EIA, IEA
- Other readings will be posted on the class website

Evaluation:

- Mid-term Exam (40%)
- Final Exam (40%)
- Attendance & Presentation (20%)

Useful Links

- <http://www.eia.doe.gov>
- Individual countries: <http://www.eia.gov/countries/#allcountries>;
<http://www.eia.gov/countries/#cabs> (with Analysis Briefs)
- Regional & Topic Analysis Briefs: <http://www.eia.gov/countries/#rtabs>
- <http://www.iea.org>
- <http://www.opec.org>
- <http://www.bp.com>
- Download Statistical Review: <http://www.bp.com/en/global/corporate/about-bp/energy-economics/statistical-review-of-world-energy/statistical-review-downloads.html>

Class Schedule

(Tentative: A detailed reading list will be posted later)

Part I. Energy Sources and Forecasts

| | |
|-----------------|--|
| Week 1-1 (3/6) | Course Introduction |
| Week 1-2 (3/8) | Understanding Energy Sources (I) <ul style="list-style-type: none">● BP, "Statistical Review of World Energy" (File on the blackboard) |
| Week 2-1 (3/13) | Understanding Energy Sources (II) |
| Week 2-2 (3/15) | Understanding Energy Sources (III) <ul style="list-style-type: none">● BP, "Statistical Review of World Energy" |
| Week 3-1 (3/20) | Energy Forecast (IEA) <ul style="list-style-type: none">● IEA, "World Energy Outlook" |
| Week 3-2 (3/22) | The Global Energy Outlook <ul style="list-style-type: none">● Kalicki & Goldwyn, Ch.1 |

Part II. Geopolitics of Energy: Regional and Country Analysis

| | |
|-----------------|--|
| Week 4-1 (3/27) | Middle East (I): Saudi Arabia |
| Week 4-2 (3/29) | Middle East (II): Iran-Iraq <ul style="list-style-type: none">● Kalicki & Goldwyn, Ch.10● To be added |
| Week 5-1 (4/3) | Middle East (III): OPEC <ul style="list-style-type: none">● Kalicki & Goldwyn, Ch.5 |
| Week 5-2 (4/4) | AV: <Blood & Oil> |
| Week 6-1 (4/10) | North America (I) |
| Week 6-2 (4/12) | North America (II) <ul style="list-style-type: none">● Kalicki & Goldwyn, Ch.15● Readings to be added |
| Week 7-1 (4/17) | Russia <ul style="list-style-type: none">● Kalicki & Goldwyn, Ch.8● Readings to be added |
| Week 7-2 (4/19) | Caspian Sea <ul style="list-style-type: none">● Readings to be added |
| Week 8-1 (4/24) | Reading period |
| Week 8-2 (4/26) | Mid-term exam |

| | |
|------------------|---|
| Week 9-1 (5/1) | Research proposal |
| Week 9-2 (5/3) | Holiday-No Class |
| Week 10-1 (5/8) | Europe <ul style="list-style-type: none"> ● Kalicki & Goldwyn, Ch.7 |
| Week 10-2 (5/10) | Arctic <ul style="list-style-type: none"> ● Kalicki & Goldwyn, Ch.9 |
| Week 11-1 (5/15) | Africa <ul style="list-style-type: none"> ● Kalicki & Goldwyn, Ch.11-12 |
| Week 11-2 (5/17) | Latin America <ul style="list-style-type: none"> ● Kalicki & Goldwyn, Ch.16 |
| Week 12-1 (5/22) | East Asia (China & Japan) <ul style="list-style-type: none"> ● Kalicki & Goldwyn, Ch.13-14 |
| Week 12-2 (5/24) | Korea <ul style="list-style-type: none"> ● Readings to be added |

Part III. Climate Change, Renewable Energy & Nuclear Energy

| | |
|------------------|--|
| Week 13-1 (5/29) | Climate Change (I) |
| Week 13-2 (5/31) | Climate Change (II) <ul style="list-style-type: none"> ● Readings to be added |
| Week 14-1 (6/5) | Renewable Energies (I) |
| Week 14-2 (6/7) | Renewable Energies (II) <ul style="list-style-type: none"> ● IEA, Renewable Energy-Medium Term Market Report 2015 (Executive Summary) ● IEA, Energy Technology Perspectives 2015 (Executive Summary) ● Readings to be added |
| Week 15-1 (6/12) | Nuclear Energy (I) |
| Week 15-2 (6/14) | Nuclear Energy (II): Nuclear Waste <ul style="list-style-type: none"> ● NEI, Nuclear Energy 2016-Status and Outlook (Wall Street Briefing) ● Readings to be added |
| Week 16-1 (6/19) | Final Exam |
| Week 16-2 (6/21) | Wrap-up |