

MGIMO University
School of Government and International Affairs

Syllabus approved
Dean, The MGIMO School of Government and International Affairs
Mikhail Troitskiy
« » 2018

Global Politics of Energy
Undergraduate Course Syllabus

Instructor
Prof. Sergei V. Golunov

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This syllabus is designed in accordance with the MGIMO Educational Standard for the Bachelor Program in International Affairs.

Author_____Prof. S.V. Golunov

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**PART 1:
INSTRUCTOR INFORMATION, COURSE DESCRIPTION,
AND TEACHING METHODS**

1.1. General information

Template

- Full course title: Global Politics of Energy.
- Type of course: Compulsory.
- Level of course: BA.
- Year of study: 2 .
- Number of ECTS credits allocated: 3.
- Academic hours: 108 hours (32 for in-class activities and 76 for home assignments).
- Lectures: 16 hours.
- Seminars: 16 hours.
- Name of lecturer:

Dr. Sergei V. Golunov

Professor, Lead Researcher of the Institute of World Economy and International Relations

E-mail: sergei.golunov@gmail.com

1.2. Course aims and learning outcomes

The main objective of the course is to provide students with a comprehensive idea of diverse and multidimensional political impacts of energy issues at the global scale. Also, the course should develop the ability to analyze political dimension of energy issues at the global and regional scale, taking into account historical, economic, logistical, social, domestic and external political, ecological, and cultural context. The course builds upon such related disciplines, as Economic Theory, Theory of International Relations, World History, Contemporary Russian Politics, Global Economic and Social Development, History of International Relations, Russian Economy, and World Economy.

Learning outcomes:

By the end of the course students should:

- be familiar with major energy-related issues affecting global and regional politics;
- understand international mechanisms of energy governance, limitations and vulnerabilities of these mechanisms;
- have a comprehensive idea of regional agendas of energy politics;
- be able to analyze prospective trends of political agendas related to energy issues;
- Be able to do case study research on particular politically relevant energy issues.

1.3 Course requirements and grading plan

Course requirements:

Students are required to attend no less than 90% of classes, to be prepared for class discussions, and to be familiar with compulsory reading materials.

During the semester, each student should make one or two presentation(s) (depending on the size of a group) at a seminar and to pass through three in-class rating tests based on lectures and assigned reading materials.

In-class tests to be based on lectures, seminars, and assigned reading materials and will cover topics already covered by lectures and seminars. Each test will last approximately 30 minutes and will contain questions requiring short responses. Some of these questions to be devoted to key

concepts and definitions and some to major phenomena typically involving ambiguous factors (to be listed in a short response). A test typically will consist of 4 to 6 questions.

Seminar presentations should fit a particular seminar topic. A topic for presentation should be either chosen among suggested ones or be proposed by a student. In both cases a presentation topic should be confirmed by the lecturer. A presentation typically should last no longer than 10 minutes (unless duration is not modified by the lecturer). The presenters are required to outline problems discussed, to consider problems from diverse perspectives of major actors involved, to outline divergent viewpoints if any, and to present her or his argued opinion about problem issues. Any instance of utilizing somebody else's texts should be duly acknowledged (by referring to the author and the year of publication immediately after citation and by providing a list of literature in the end of presentation). Presentations containing evident and major instances of plagiarism to be evaluated at 0 points.

Each presentation should be sent to the lecturer's and to the group's (or to each student's) e-mail addresses at least two days before the seminar.

Each presentation to be followed by discussion (asking questions and providing comments). Participants of discussion to be awarded with points depending on the value of their questions and comments. Any sharp criticism of a presentation by students will not affect the score to be given for a presentation: the lecturer will disregard this criticism while making his decision.

The course ends with a written exam.

Grading Plan:

Class attendance – 10%

In-class tests – 45% (15% each)

Presentations – 30% (15% each)

Participation in discussions – 15%

Written exam to be graded separately at the end of the course. The exam to be held during the last class and will contain 5-8 questions. Most of these questions (about key definitions, concepts, and phenomena, defining a statement as a true or false) will require short responses while one or two questions (analyzing a phenomenon, offering a solution for a specific practical situation) will require more detailed response.

To be admitted to the exam, a student should have a score 60% or higher. Those who fail to gain this score will have to pass through additional in-class test summarizing contents of the course.

PART 2:
COURSE CONTENT

Types of work	Academic hours
Total	108
<i>Total for lectures, seminars</i>	32
Lectures	16
Seminars	16
Written tests and/or exam	
<i>Homework</i>	76
Written and oral home assignments	36
Preparation for lectures, seminars and written exam	40

2.1. Course schedule

Week	Lecture	Seminar
Part I. Major issues		
1	Energy demand and supply	
2	Exploration issues	
3	Transportation issues	
4		Pipeline politics
5	Social and political issues related to energy	
6		Energy and political conflicts
7	Energy governance	
8	Political impacts of introducing new energy sources	
9		Energy and political dimension of environmental debates
Part II. Regional agendas		
10	Russia and Eurasia: geopolitics of energy production and transportation	
11		Central Asian and Caspian energy geopolitics
12	European Union: political dimension of energy production and consumption	
13	Asian and African energy issues	
14		China: internal consumption and expansion of geopolitical influence
15	Americas: political impacts of production and consumption	
16		Summary and conclusions

2.1. Course content and reading

PART I. MAJOR ISSUES

Lecture 1

Energy demand and supply

Summary: Key energy resources. Oil and gas. Electricity. Energy security. Structure of world energy markets. Impacts of prices fluctuation. Strategies of energy exporters and energy importers. Future development scenarios.

Reading:

API, 'Understanding Crude Oil and Product Markets,' <https://www.api.org/~media/Files/Oil-and-Natural-Gas/Crude-Oil-Product-Markets/Crude-Oil-Primer/Understanding-Crude-Oil-and-Product-Markets-Primer-High.pdf/>

International Energy Agency, 'World Energy Balances: Overview,' 2018, <https://webstore.iea.org/world-energy-balances-2018-overview/>

Further reading:

BP Global, '60 Years. BP Statistical Review of World Energy.1951–2011', <http://www.bp.com/60yearsstatisticalreview/>

Andreas Economou, Paolo Agnolucci, Bassam Fattouh, and Vincenzo De Lipis, 'A Structural Model of the World Oil Market: The Role of Investment Dynamics and Capacity Constraints in Explaining the Evolution of the Real Price of Oil,' *The Oxford Institute for Energy Studies*, December 2017, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/12/A-Structural-Model-of-the-World-Oil-Market-Insight-23.pdf/>

Federal Energy Regulation Commission, 'Energy Primer. A Handbook of Energy Market Basics,' November 2015, <https://www.ferc.gov/market-oversight/guide/energy-primer.pdf/>

International Energy Agency, 'Outlook for Natural Gas,' 2018, <https://webstore.iea.org/world-energy-outlook-2017-excerpt-outlook-for-natural-gas/>

The Corner House, 'Energy Security For Whom? For What?' February 2012, <http://www.thecornerhouse.org.uk/resource/energy-security-whom-what/>

Thijs Van de Graaf and Aviel Verbruggen, 'The oil endgame: Strategies of Oil Exporters in a Carbon-Constrained World,' *Environmental Science & Policy* 54 (2015), pp. 456–462.

Bassam Fattouh, 'Oil Price Paths in 2018: The Interplay between OPEC, US Shale and Supply Interruptions,' *The Oxford Institute for Energy Studies*, February 2018, <https://www.oxfordenergy.org/publications/oil-price-paths-2018-interplay-opec-us-shale-supply-interruptions/>

Internet resources:

International Energy Agency, <http://www.iea.org/>

Lecture 2

Exploration issues

Summary: Geography of energy exploration. Energy assets and value of territories. Major exploration issues: availability, access, costs, infrastructure, legitimacy, disputes. Offshore exploration. Social and political impacts of exploration.

Reading:

Encyclopedia.com, 'Petroleum, History Of Exploration,' <https://www.encyclopedia.com/science/encyclopedias-almanacs-transcripts-and->

maps/petroleum-history-exploration/

David Victor, 'National Oil Companies and the Future of the Oil Industry,' *Annual Review of Resource Economics*, 5 (2013), pp. 445–462.

Further reading:

Gavin Bridge and Andrew Wood, 'Less Is More: Spectres of Scarcity and the Politics of Resource Access in the Upstream Oil Sector,' *Geoforum* 41 (2010), pp. 565–576.

Ben Caudle, 'Petroleum Production,' *Encyclopaedia Britannica*, <https://www.britannica.com/technology/petroleum-production>

Federal Energy Regulation Commission, 'Energy Primer. A Handbook of Energy Market Basics,' November 2015, <https://www.ferc.gov/market-oversight/guide/energy-primer.pdf>

International Energy Agency, 'Offshore Energy Outlook,' 2018, https://webstore.iea.org/download/direct/1034?fileName=WEO_2018_Special_Report_Offshore_Energy_Outlook.pdf

Lecture 3

Transportation issues

Summary: Modes of transportation. Delivery Logistics and networks. Transborder issues. Delivery security.

Reading:

Federal Energy Regulation Commission, 'Energy Primer. A Handbook of Energy Market Basics,' November 2015, <https://www.ferc.gov/market-oversight/guide/energy-primer.pdf/>

Chris Le Fevre, 'A Review of Demand Prospects for LNG as a Marine Transport Fuel,' *OIES Paper: NG 133*, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/07/A-review-of-demand-prospects-for-LNG-as-a-marine-fuel-NG-133.pdf/>

Yuri Yegorov, Franz Wirl, 'Gas Transportation, Geopolitics and Future Market Structure,' *Futures* 43 (2011), pp. 1056–1068.

Further reading:

Warner ten Kate, Lászlo Varró, Anne-Sophie Corbeau, 'Developing a Natural Gas Trading Hub in Asia: Obstacles and Opportunities,' *Energy Policy* 35 (2007), pp. 6188–6194.

Thierry Bros, 'The global effect of LNG growth on European Gas Markets,' *Energy Policy* 35 (2007), <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/06/The-global-effect-of-LNG-growth-on-European-gas-markets-presentation.pdf/>

Seminar 1

Pipeline politics

Questions:

- 1) Pipeline logistics: what factors determine pipeline routes?
- 2) Pipelines as factors contributing to conflict and cooperation.
- 3) Pipelines vs other modes of energy transportation.

Reading:

Paul Stevens, 'Transit Troubles: Pipelines as a Source of Conflict,' *A Chatham House Report*, 2009,

https://www.chathamhouse.org/sites/default/files/public/Research/Energy,%20Environment%20and%20Development/r0309_pipelines.pdf

Ekpen Omonbude, 'The Transit Oil and Gas Pipeline and the Role of Bargaining: A Non-

technical Discussion,' *Energy Policy* 35 (2007), pp. 6188–6194.

Further reading:

Federal Energy Regulation Commission, 'Energy Primer. A Handbook of Energy Market Basics,' November 2015, <https://www.ferc.gov/market-oversight/guide/energy-primer.pdf>

Randall Newnham, 'Pipeline politics: Russian energy sanctions and the 2010 Ukrainian Elections,' *Journal of Eurasian Studies* 4 (2013), pp. 115–122.

Lecture 4

Social and political issues related to energy

Summary: Actors of energy politics. Energy and political regime. 'Resource curse'. Energy and social justice. Securitization of energy issues. Energy as a factor of a state's foreign policy behavior.

Reading:

Aleh Cherp et al. 'Integrating Techno-economic, Socio-technical and Political Perspectives on National Energy Transitions: A Meta-theoretical framework,' *Energy Research & Social Science*, 37 (2018), pp. 175–190.

Thomas Friedman, 'The First Law of Petropolitics,' *Foreign Policy*, May/June (2006), pp. 28-36.

Michael Ross, 'What Have We Learned about the Resource Curse?' *Annual Review of Political Science*, 18 (2015), pp. 239–259.

Further reading:

Matthias Basedau and Jann Lay, 'Resource Curse or Rentier Peace? The Ambiguous Effects of Oil Wealth and Oil Dependence on Violent Conflict,' *Journal of Peace Research*, 46 6 (2009), pp. 757-776.

Aleh Cherp, Jessica Jewell, 'The Concept of Energy Security: Beyond the four As,' *Energy Policy* 75 (2014), pp. 415–421.

Llewelyn Hughes and Phillip Lipsy, 'The Politics of Energy,' *Annual Review of Political Science*, 16 (2013), pp. 449-469.

Simon Langlois-Bertrand et al., 'Political-institutional barriers to energy efficiency,' *Energy Strategy Reviews*, 8 (2015), pp. 30-38.

Paasha Mahdavi, 'Why Do Leaders Nationalize the Oil Industry? The Politics of Resource Expropriation,' *Energy Policy*, 75 (2014), 228–243.

Timothy Mitchell, 'Carbon democracy,' *Economy and Society*, 38:3 (2009), 399-432.

Jeffrey Sachs and Andrew Warner, 'Natural Resource Abundance and Economic Growth,' *Center for International Development and Harvard Institute for International Development*, 1997, <https://pdfs.semanticscholar.org/7b14/045909f42117197b82a910782ab68330a3e7.pdf/>

I.H. Rehman et al., 'Understanding the Political Economy and Key Drivers of Energy Access in Addressing National Energy Access Priorities and Policies,' *Energy Policy*, 47 (2012), 27–37.

Benjamin Smith, 'Oil Wealth and Regime Survival in the Developing World, 1960-1999,' *American Journal of Political Science*, 48 2 (2014), pp. 232-246.

Seminar 2

Energy and political conflicts

Questions:

1. Typical actors of energy-related conflicts.

2. Access to resources, resource scarcity, and resource abundance as conflict issues.
3. Conflicts and energy security.
4. Energy conflicts management.

Reading:

Philippe le Billon, 'The Political Ecology of War: Natural Resources and Armed Conflicts,' *Political Geography*, 20 (2001), pp. 561–584.

Jeff Colgan, 'Fueling the Fire. Pathways from Oil to War,' *International Security*, 38 2, (Fall 2013), pp. 147–180.

Jeff Colgan, 'Oil, Domestic Politics, and International Conflict,' *Energy Research & Social Science* 1 (2014), pp. 198–205.

Further reading:

Jeff Colgan, 'Oil and Revolutionary Governments: Fuel for International Conflict,' *International Organization*, 64 4 (Fall 2010), pp. 661-694.

Itay Fischhendler, Lior Herman, and Nir Maoz, 'The Political Economy of Energy sanctions: Insights from a Global Outlook 1938–2017,' *Energy Research & Social Science*, 34 (2017), pp. 62–71.

Jonathan Di John, 'Abundance and Violent Political Conflict: A Critical Assessment,' *Journal of Development Studies*, 43 6 (2007), pp. 961–986.

Emmanuel Karagiannis, 'Comparative Islamist Perspectives on the Politics of Energy in the Middle East and Beyond,' *Studies in Conflict & Terrorism*, 37 8 (2014), pp. 619-637.

Michael Ross, 'Blood Barrels: Why Oil Wealth Fuels Conflict,' *Foreign Affairs*, 87 3 (May-Jun., 2008), pp. 2-8.

Jeffrey Sachs and Andrew Warner, 'Natural Resource Abundance and Economic Growth,' *Center for International Development and Harvard Institute for International Development*, 1997, <https://pdfs.semanticscholar.org/7b14/045909f42117197b82a910782ab68330a3e7.pdf>

Lecture 5

Energy governance

Summary: Goals. Actors. Structures and interactions. Efficiency issue. Prospects and obstacles for global energy order.

Reading:

Bassam Fattouh, Lavan Mahadeva, 'OPEC: What Difference Has It Made?' *The Oxford Institute for Energy Studies*, January 2013, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2013/01/MEP-3.pdf>

Robert Keohane and David Victor, 'The Transnational Politics of Energy,' *Daedalus*, 142 1 (2013), pp. 98-109, <https://wps.princeton.edu/sites/default/files/content/docs/news/KeohaneDaedalusArticle0113.pdf>

Benjamin Sovacool and Anna Florini, 'Examining the Complications of Global Energy Governance,' *Journal of Energy and Natural Resources Law*, 30 3 (2012), pp. 235-263.

Further reading:

Gerry Carrington, Janet Stephenson, 'The politics of energy scenarios: Are International Energy Agency and other conservative projections hampering the renewable energy transition?' *Energy Research & Social Science* 46 (2018), pp. 103–113.

Andreas Economou and Bassam Fattouh, '5+1 Key Facts about the OPEC Declaration of Cooperation,' *Oxford Energy Comment*, September 2018,

<https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/09/5plus1-Key-Facts-about-the-OPEC-Declaration-of-Cooperation-.pdf/>

Thijs Van de Graaf, 'Obsolete or resurgent? The International Energy Agency in a Changing Global Landscape,' *Energy Policy* 48 (2012), pp. 233–241.

Pierre Noël, 'The New Oil Regime,' *Survival*, 58 5 (2016), pp. 71-82.

David Victor and Linda Yueh, 'The New Energy Order: Managing Insecurities in the Twenty-first Century,' *Foreign Affairs*, 89 1 (2010), pp. 61-73.

Lecture 6

Political impacts of introducing new energy sources

Summary: Biofuel. Shale oil and gas. Renewables: sun, water, wind, thermal, hydrogen, and tidal energy.

Reading:

Sergey Paltsev, 'The Complicated Geopolitics of Renewable Energy,' *Bulletin of the Atomic Scientists*, 72 6 (2016), pp. 390-395.

Daniel Scholten and Rick Bosman, 'The Geopolitics of Renewables: Exploring the Political Implications of Renewable Energy Systems,' *Technological Forecasting & Social Change*, 103 (2016), pp. 273–283.

Nasir Sheikh, Dundar Kocaoglu, Loren Lutzenhiser, 'Social and Political Impacts of Renewable Energy: Literature Review,' *Technological Forecasting & Social Change*, 108 (2016), pp. 102–110.

Further reading:

Matthew Burke and Jennie Stephens, 'Political Power and Renewable Energy Futures: A Critical Review,' *Energy Research & Social Science*, 35 (2018), pp. 78–93.

Bassam Fattouh, Rahmatallah Poudineh, and Rob West, 'The rise of renewables and energy transition: What Adaptation Strategy for Oil Companies and Oil-Exporting Countries?,' *OIES Paper: MEP* 19, May 2018, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/05/The-rise-of-renewables-and-energy-transition-what-adaptation-strategy-for-oil-companies-and-oil-exporting-countries-MEP-19.pdf>

International Energy Agency, 'Renewables Information: Overview,' 2018, https://webstore.iea.org/download/direct/2260?fileName=Renewables_Information_2018_Overview.pdf

Martin Lambert, 'Biogas: A significant contribution to decarbonising gas markets?' *Energy Insight* 15 (June 2017), <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/06/Biogas-A-significant-contribution-to-decarbonising-gas-markets.pdf>

Tiago Sequeira and Marcelo Santos, 'Renewable Energy and Politics: A Systematic Review and New Evidence,' *Journal of Cleaner Production*, 192 (2018), pp. 553-568.

Nasir Sheikh, Dundar Kocaoglu, Loren Lutzenhiser, 'Social and political impacts of renewable energy: Literature review,' *Technological Forecasting & Social Change*, 108 (2016), pp. 102–110.

Seminar 3

Energy and political dimension of environmental debates

Questions:

1. Energy and environmental pollution.
2. Energy and global warming.

3. Environment protection as a factor for choosing among various kinds of energy.

Reading:

International Energy Agency, 'Energy Climate and Change. World Energy Outlook Special Report 2015,'

<https://www.iea.org/publications/freepublications/publication/WEO2015SpecialReportonEnergyandClimateChange.pdf>

International Energy Agency, 'Energy and Air Pollution. World Energy Outlook Special Report 2016,'

<https://www.iea.org/publications/freepublications/publication/WorldEnergyOutlookSpecialReport2016EnergyandAirPollution.pdf>

Robert Falkner, 'Global Environmental Politics and Energy: Mapping the Research Agenda,' *Energy Research & Social Science* 1 (2014), pp. 188–197.

Further reading:

Branko Bošnjaković, 'Geopolitics of Climate Change: A Review,' *Thermal Science*, 16 3 (2012), pp. 629-654.

Mike Bradshaw, 'Global Energy Dilemmas: Energy Security, Globalization and Climate Change,' *Stockholm School of Economics*, 2013, <https://www.hhs.se/contentassets/a445095292e540559ec989e0a7ed6d8c/bradshaw.pdf/>

Filip Johnsson, Jan Kjærstad & Johan Rootzén, 'The threat to Climate Change Mitigation posed by the abundance of fossil fuels,' *Climate Policy*, 2018, <https://www.tandfonline.com/doi/full/10.1080/14693062.2018.1483885/>

Caroline Kuzemko et al., 'Governing for Sustainable Energy System Change: Politics, Contexts and Contingency,' *Energy Research & Social Science*, 12 (2016) pp. 96–105.

Karena Shaw, 'Climate Deadlocks: The Environmental Politics of Energy Systems,' *Environmental Politics*, 20 5 (2011) pp. 743–763.

Andy Stirling, 'Transforming Power: Social Science and the Politics of Energy Choices,' *Energy Research & Social Science* 1 (2014), pp. 83–95.

PART II. REGIONAL AGENDAS

Lecture 7

Russia and Eurasia: geopolitics of energy production and transportation

Summary: Main oil and gas producers. Transportation networks. Russian energy issues. Russian energy relations with neighboring post-Soviet states. Arctic energy issues.

Reading:

Shebonti Dadwal, 'Arctic: The Next Great Game in Energy Geopolitics?' *Strategic Analysis*, 38 6 (2014), pp. 812-824.

Catherine Locatelli, Mehdi Abbas & Sylvain Rossiaud, 'The Emerging Hydrocarbon Interdependence between Russia and China: Institutional and Systemic Implications,' *Europe-Asia Studies* 69 1 (2017), pp. 157-170.

Nalin Mohaptra, 'Energy Security and Russia's Foreign Policy,' CRP Working Paper Series, Working Paper no 11, *University of Cambridge*, May 2013, <https://www.crp.polis.cam.ac.uk/documents/working-papers/crp-working-paper-11-mohaptra-energy-security-russ.pdf>

Further reading:

John R.Haines, 'The Geopolitics of Russia's Networked Energy Infrastructure,' *Orbis* 59 4

(2015), pp. 557-599.

James Henderson and Arild Moe, 'Russia's gas "Triopoly": Implications of a Changing Gas Sector Structure,' *Eurasian Geography and Economics*, 58 4 (2017), pp. 442-468.

Vladimir Milov, Leonard Coburn and Igor Danchenko, 'Russia's Energy Policy, 1992-2005,' *Eurasian Geography and Economics*, 47:3 (2006) pp. 285-313.

Simon Pirani, 'Adversity and Reform: Ukrainian Gas Market Prospects,' *Energy Insight* 7 (March 2017), <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/03/Adversity-and-reform-Ukrainian-gas-market-prospects-OIES-Energy-Insight.pdf/>

Filippos Proedrou, 'Russian Energy Policy and Structural Power in Europe,' *Europe-Asia Studies*, 70 1 (2018), pp. 75-89.

Elena Shadrina, 'Russia's Natural Gas Policy Toward Northeast Asia: Rationales, Objectives and Institutions,' *Energy Policy*, 74 (2014), pp. 54-67.

Kataryna Wolczuk, 'Managing the Flows of Gas and Rules: Ukraine between the EU and Russia,' *Eurasian Geography and Economics*, 57 1 (2016), pp. 113-137.

Seminar 4

Central Asian and Caspian energy geopolitics

Questions:

1. Producers and consumers.
2. Political interests of governmental and non-governmental actors.
3. Key transportation routes: cooperation and competition.

Reading:

Paul Kubicek, 'Energy Politics and Geopolitical Competition in the Caspian Basin,' *Journal of Eurasian Studies*, 4 2013, pp. 171-180.

Andreas Heinrich and Heiko Pleines, 'Mixing Geopolitics and Business: How Ruling Elites in the Caspian States Justify Their Choice of Export Pipelines,' *Journal of Eurasian Studies*, 6 (2015), pp. 107-113.

Simon Pirani, 'Central Asian and Caspian Gas Production and the Constraints on Export,' *Oxford Energy Institute*, December 2012, https://www.oxfordenergy.org/wpcms/wp-content/uploads/2012/12/NG_69.pdf/

Further reading:

Mert Bilgin, 'Geopolitics of European Natural Gas Demand: Supplies from Russia, Caspian and the Middle East,' *Energy Policy* 37 (2009), pp. 4482-4492.

International Energy Agency, 'Eastern Europe, Caucasus and Central Asia,' 2015, https://www.iea.org/publications/freepublications/publication/IDR_EasternEuropeCaucasus_2015.pdf

Simon Pirani, 'Let's not Exaggerate: Southern Gas Corridor Prospects to 2030,' *OIES Paper*: NG 135, July 2018, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/07/Lets-not-exaggerate-Southern-Gas-Corridor-prospects-to-2030-NG-135.pdf/>

Sam Raphael and Doug Stokes, 'US Oil Strategy in the Caspian Basin: Hegemony through Interdependence,' *International Relations*, 28 (2014), pp. 183-206.

Lecture 8

European Union: political dimension of energy production and consumption

Summary: EU as an energy producer and consumer. Relations with suppliers, supply routes, and supply management. Introducing renewables.

Reading:

Thierry Bros, 'A New Narrative for Gas,' *The Oxford Institute for Energy Studies*, 25.09.2018, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/09/A-new-narrative-for-gas.pdf>

Gabriel Collins and Anna Mikulska, 'Gas Geoeconomics in Europe,' *Baker Institute for Public Policy*, May 2018, <https://www.bakerinstitute.org/media/files/files/74c5d977/ces-pub-gasgeoeconeurope-060318.pdf>

Richard Youngs, 'A New Geopolitics of EU Energy Security,' *Carnegie Europe*, 23 September 2014, <http://carnegieeurope.eu/2014/09/23/new-geopolitics-of-eu-energy-security-pub-56705/>

Further reading:

Thierry Bros, 'European Pricing Dynamics,' *The Oxford Institute for Energy Studies*, 11 May 2017, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/05/European-Pricing-Dynamics-Thierry-Bros-1.pdf>

David Buchan and Malcolm Keay, 'EU Energy Policy – 4th Time Lucky?' *Oxford Energy Comment*, December 2016, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2016/12/EU-energy-policy-4th-time-lucky.pdf>

Malcolm Keay and Klaus Hammes, 'Fiscal Policy for Decarbonisation of Energy in Europe.' *OIES Paper* 22, September 2017, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/09/Fiscal-policy-for-decarbonization-of-energy-in-Europe-EL-25.pdf/>

Jonathan Stern, 'The Future of Gas in Decarbonising European Energy Markets: the Need for a New Approach,' *OIES Paper 116*, January 2017, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/01/The-Future-of-Gas-in-Decarbonising-European-Energy-Markets-the-need-for-a-new-approach-NG-116.pdf/>

Jonathan Stern and Katja Yafimava, 'The EU Competition Investigation into Gazprom's Sales to Central and Eastern Europe: a Comment on Commitments,' *OIES Paper 121*, April 2017, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2017/07/The-EU-Competition-investigation-of-Gazproms-sales-in-central-and-eastern-Europe-a-detailed-analysis-of-the-commitments-and-the-way-forward-NG-121.pdf>

Katja Yafimava, 'Building New Gas Transportation Infrastructure in the EU – what Are the Rules of the Game?,' *OIES Paper no 134*, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/07/Building-New-Gas-Transportation-Infrastructure-in-the-EU-what-are-the-rules-of-the-game.pdf>

Lecture 9

Asian and African energy issues

Summary: Geopolitical issues of major energy producing regions: Middle Eastern and African energy geopolitics. Economic demands and energy politics of Far Eastern oil consumers. Interests of other major Asian energy consumers. Transition to producing and utilizing renewables in Asia and Africa.

Reading:

Bassam Fattouh, 'Heightened Geopolitical Risks in the Middle East and Potential Impacts on Oil Markets,' *The Oxford Institute for Energy Studies*, 22.02.2018, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/02/Heightened-Geopolitical-Risks-in-the-Middle-East-and-Potential-Impacts-on-Oil-Markets.pdf>

Jayant Prasad and Shebonti R. Dadwal, eds., *Asian Strategic Review 2017. Energy Security in Times of Uncertainty*, New Delhi: Pentagon Press, 2018, https://idsa.in/system/files/book/book_ASR2017.pdf

Further reading:

Ole G. Austvik and Gülmira Rzayeva, 'Turkey in the geopolitics of energy,' *Energy Policy* 107 (2017), pp. 539–547.

Tamás Dudlák, 'After the sanctions: Policy challenges in transition to a new political economy of the Iranian oil and gas sectors,' *Energy Policy* 121 (2018), pp. 464–475.

Bassam Fattouh and Amrita Sen, 'Saudi Arabia's Vision 2030, Oil Policy and the Evolution of the Energy Sector,' *Oxford Energy Comment*, July 2016, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2016/07/Saudi-Arabias-Vision-2030-Oil-Policy-and-the-Evolution-of-the-Energy-Sector.pdf>

International Energy Agency, 'Africa Energy Outlook. A Focus on Energy Prospects in Sub-Saharan Africa. World Energy Outlook Special Report,' 2014, https://www.iea.org/publications/freepublications/publication/WEO2014_AfricaEnergyOutlook.pdf

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Mahsa Rouhi, 'US–Iran Tensions and the Oil Factor,' *Survival*, 60 5 (2018), pp. 33-40.

Seminar 5

China: internal consumption and expansion of geopolitical influence

Questions:

1. Domestic economic and political implications of Chinese growing energy consumption demand.
2. Geopolitical implications of Chinese energy demand.
3. Environmental concerns and increasing role of renewables.

Reading:

Michal Meidan, 'The structure of China's oil industry: Past Trends and Future Prospects,' *OIES Paper: WPM 66*, May 2016, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2016/05/The-structure-of-Chinas-oil-industry-past-trends-and-future-prospects-WPM-66.pdf/>

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Lecture 10

Americas: political impacts of production and consumption

Summary: 1) **USA.** The USA as an importer and as an exporter of energy resources. U.S. energy consumption and geopolitical activity worldwide. Shale revolution. Renewables. 2) **Canada.** Energy production and consumption. Shale oil and gas potential. 3) **Latin America energy issues.**

Reading:

Jeff Colgan, Thijs Van de Graaf, 'A Crude Reversal: The Political Economy of the United States Crude Oil Export Policy,' *Energy Research & Social Science*, 24 (2017), pp. 30–35.

Konrad Adenauer Stiftung, 'The Geopolitics of Oil and Gas: The Role of Latin America,' February 2016, https://www.kas.de/c/document_library/get_file?uuid=dec202ba-72f8-4793-2bc7-f65236b972fd&groupId=252038

Leah Stokes and Hanna Breetz, 'Politics in the U.S. Energy Transition: Case Studies of Solar, Wind, Biofuels and Electric Vehicles Policy,' *Energy Policy*, 113 (2018), pp. 76–86.

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Seminar 6

Summary and conclusions

Questions:

1. What are common and special features of energy demand and supply issues in various regions (post-Soviet Eurasia, Europe, Asia, Africa, North America, and Latin America)?
2. Do energy governance mechanisms work efficiently in these regions?
3. How much promising are prospects of introducing renewables in these regions? What are economic and political obstacles?

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Bassam Fattouh, Rahmatallah Poudineh, and Rob West, 'The Rise of Renewables and Energy Transition: What Adaptation Strategy for Oil Companies and Oil-Exporting Countries?,' *OIES Paper: MEP 19*, May 2018, <https://www.oxfordenergy.org/wpcms/wp-content/uploads/2018/05/The-rise-of-renewables-and-energy-transition-what-adaptation-strategy-for-oil-companies-and-oil-exporting-countries-MEP-19.pdf>

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API, 'Understanding Crude Oil and Product Markets,' <https://www.api.org/~media/Files/Oil-and-Natural-Gas/Crude-Oil-Product-Markets/Crude-Oil-Primer/Understanding-Crude-Oil-and-Product-Markets-Primer-High.pdf>

Branko Bošnjaković, 'Geopolitics of Climate Change: A Review,' *Thermal Science*, 16 3 (2012), pp. 629-654.

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Paul Stevens, 'Transit Troubles: Pipelines as a Source of Conflict,' *A Chatham House Report*, 2009, https://www.chathamhouse.org/sites/default/files/public/Research/Energy,%20Environment%20and%20Development/r0309_pipelines.pdf/

2.3. Exam questions

1. Social and economic importance of traditional energy resources (coal, oil, and gas).
2. Agenda of energy security: what issues are usually included and why?
3. What are the typical key actors of world energy markets?
4. What are typical political impacts of energy prices fluctuation?
5. What are typical strategies of major energy exporters and energy importers?
6. What are major social and political issues related to energy exploration?
7. What major political problems can involve energy transportation?
8. How oil and gas pipelines can contribute to international cooperation and conflicts?
9. How energy issues can influence a state's economic and political development?
10. Please explain the 'resource curse' concept and cite key pro et contra arguments.
11. What ways energy issues are related to social justice?
12. How abundance or deficit of energy resources can affect a state's foreign policy behavior?
13. What ways abundance or deficit of energy resources can contribute to domestic and international conflicts? How these conflicts could be managed?
14. What actors and institutions participate in international energy governance? How efficient is this governance?
15. Prospects and obstacles for global energy order.
16. Social and political importance of introducing renewable energy sources.
17. What ways energy production and consumption is connected with environmental issues? What are political implications of such connections?
18. Who are the top oil and gas producers in post-Soviet Eurasia? What are the main features of their energy-related foreign policies?
19. What are the main energy transportation networks in post-Soviet Eurasia? How these networks interrelate in terms of conflict and cooperation?
20. What are key developments and prospects related to exploitation of Arctic energy issues?
21. What are energy issues specific for Caspian and Central Asian regions? What key actors participate in regional energy geopolitics and what major interests do they have?
22. What are the key EU's political interests related to energy production and consumption?
23. Who are the key energy suppliers to the EU? What are the main issues of the EU's relations with these suppliers.
24. Who are the major energy suppliers in Asia and Africa? What relevant political interests do they have?
25. Who are the major energy consumers in Asia? What relevant political interests do they have?
26. Please outline the key issues of energy-related political agenda of the Middle East. Who are the most important regional and external players and what relevant political interests do they have?
27. What are the key energy-related political interests of China? In what ways these interests shape its geopolitical activities?
28. Who are the key energy producers and consumers in Americas? What relevant political interests do they have?
29. In what ways energy issues contribute to U.S. external policy?
30. What are major geopolitical implications of the 'shale revolution'?

2.4. Exam timing

Fall semester written exam: June.

2.5. Consolidated reading list (in alphabetic order)

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Matthew Burke and Jennie Stephens, 'Political Power and Renewable Energy Futures: A Critical Review,' *Energy Research & Social Science*, 35 (2018), pp. 78–93.

Gerry Carrington, Janet Stephenson, 'The Politics of Energy Scenarios: Are International Energy Agency and Other Conservative Projections Hampering the Renewable Energy Rransition?' *Energy Research & Social Science* 46 (2018), pp. 103–113.

Ben Caudle, 'Petroleum Production,' *Encyclopaedia Britannica*, <https://www.britannica.com/technology/petroleum-production>

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