



Global Resource Politics

DVST-832

Department of Development Studies

National University of Sciences & Technology (NUST)

MSDS

Course Details

Course Title: **Global Resource Politics**

Course Code: **DVST-832**

Credit Hours: **03**

Program: **MS DS**

Course Faculty

Name:

Office Hours:

Email:

Course Description

Why is so little being done to combat climate change, deforestation, biodiversity loss, food insecurity, and water insecurity? How do more- *and* less-developed countries contribute to their resolution? What can individuals and alternative social forces do to tackle global environmental problems? This course provides answers to these and similar questions through detailed study of how economics, politics, power, and perceptions shape the ways in which we use and manage the Earth's natural resources. Students will build upon their knowledge of global environmental challenges by investigating how they are positioned within political structures and economic systems. They will pay particular attention to how a global system of capitalism affects our understanding of environmental issues and the viability of proposed solutions. This course culminates with due attention to concepts of political ecology and environmental justice.

Course Objectives

1. To advance student knowledge of environmental systems and the various challenges these systems face at present.
2. To increase students' awareness of the political and economic dimensions of natural resource management and conservation.
3. To encourage students to identify and critically analyze the ways in which global politics have affected our perception of environmental issues and, as a result, the solutions proposed for their resolution.

Learning Outcomes

At the end of this course, students should be able to,

- a. critically interrogate the creation and resolution of global environmental problems,

- such as climate change;
- b. understand the ways in which global environmental problems, such as food insecurity, deforestation, and peak oil, are fundamentally grounded in social, economic, and political relationships;
- c. evaluate the changing relationships between the modern nation-state system, international organizations, such as the UNEP, global capitalism, and the environment.

Required Course Material

Required materials are listed in the weekly breakdown of assigned readings. Readings for each week will be uploaded onto the LMS portal.

Teaching Methodology

This course will be taught over eighteen sessions (*including* exams) designed as a combination of lectures as well as seminars. Each session will be driven by a question based on the theme of any given week (see below). In most cases, our three-hour sessions will be divided into a lecture for the first half, followed by a short recess, after which we will deliberate over the week’s driving questions. During deliberation, I will expect students to take the lead and build upon each other’s comments. This is where class participation will also be marked. Short group activities and case studies will also be introduced where necessary.

Course Evaluation (Grade Breakup)

Mid-Term Exam	30%
Final Exam	50%
Assignment	20%

Course Content (Weekly)

Week	Lecture Topic	Reading
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1	Introduction to the Syllabus, Expectations, and Studying Guidelines	<p>Readings</p> <p>Beck, U. (2009). <i>World at risk</i> (pp. 81 – 108). Polity.</p> <p>Beck, U. (2010). Climate for change, or how to create a green modernity?. <i>Theory, Culture & Society</i>, 27(2-3), 254-266.</p>
2	Global Resources and the Environment: History and evolution <u>Question: How has the knowledge of, and public reaction to, environmental risks developed over the years?</u>	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 1 – 18). MIT press.</p> <p>Colby, M. E. (1991). Environmental management in development: the evolution of paradigms. <i>Ecological Economics</i>, 3(3), 193-213.</p> <p>Keeble, B. R. (1988). The Brundtland report: 'Our common future'. <i>Medicine and War</i>, 4(1), 17-25.</p> <p>Kraft, M. E. (2011). Defining the problems: The nature of environmental risks. In <i>Environmental policy and politics</i> (pp. 44 - 48). New York: Longman.</p> <p>Volkery, A. et al. (2006). Coordinating sustainable development - an evaluation of the state of play. In Jänicke, M. & Jacob, K. (Eds.) <i>Environmental Governance in Global Perspective. New Approaches to Ecological and Political Modernisation</i> (pp. 210 - 238). Berlin: Freie Universität Berlin.</p> <p>https://en.wikisource.org/wiki/Brundtland_Report?linklisted=2812</p> <p>Recommended Readings</p>

		<p>Cohen, S. (2014). Understanding Environmental Policy. In <i>Understanding environmental policy</i> (pp. 29 - 49). New York, NY: Columbia University Press.</p> <p>DesJardins, J. R. (2013). Critical Challenges. In <i>Environmental Ethics: An introduction to environmental philosophy</i> (pp. 115 - 118). Belmont, CA: Wadsworth.</p>
<p>3</p>	<p>The Environmental Movement and Global Commons <u>Question: How do environmental issues arrive on the public and political agenda?</u></p>	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 26 – 39). MIT press.</p> <p>Dietz, T., Ostrom, E., & Stern, P. C. (2003). The struggle to govern the commons. <i>science</i>, 302(5652), 1907-1912.</p> <p>Downs, A. (1972). Up and down with ecology: The issue-attention cycle. <i>The public</i>.</p> <p>Goldman, M. (2004). Imperial science, imperial nature: environmental knowledge for the World (Bank). <i>Earthly politics: local and global environmental governance</i>. Massachusetts Institute of Technology, Cambridge, Massachusetts, USA, 55-80.</p> <p>Hardin, G. (1968). The tragedy of the commons. <i>science</i>, 162(3859), 1243-1248.</p> <p>Pralle, S. B. (2009). Agenda-setting and climate change. <i>Environmental Politics</i>, 18(5), 781-799.</p> <p>Recommended Readings</p> <p>Birkland, T. A. & DeYoung, S. E. (2012) Focusing events and policy windows. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 175 - 188). Routledge.</p>

Cohen, S. (2014). Understanding Environmental Policy. In *Understanding environmental policy* (pp. 29 - 49). New York, NY: Columbia University Press.

DesJardins, J. R. (2013). Science, Politics, and Ethics. In *Environmental Ethics: An introduction to environmental philosophy* (pp. 15 - 17). Belmont, CA: Wadsworth.

DesJardins, J. R. (2013). Sustainability and Responsibilities to the Future. In *Environmental Ethics: An introduction to environmental philosophy* (pp. 74 - 94). Belmont, CA: Wadsworth.

Green-Pedersen & Mortensen, P. B. (2012) Policy agenda-setting studies: attention, politics and the public. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). *Routledge handbook of public policy* (pp. 167 - 174). Routledge.

Stone, D. A. (1989). Causal stories and the formation of policy agendas. *Political science quarterly*, 104(2), 281-300.

Weible, C. M. & Nohrstedt, D. (2012) The advocacy coalition framework: coalitions, learning, and policy change. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). *Routledge handbook of public policy* (pp. 125 - 137). Routledge.

5	Global resources, Commons, and Policymaking	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 45 – 82). MIT press.</p>
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		<p>Kraft, M. E. (2011). Environmental policy and politics. In <i>Environmental policy and politics</i> (pp. 26 - 29). New York: Longman.</p> <p>Kraft, M. E. (2011). Making Environmental Policy. In <i>Environmental policy and politics</i> (pp. 115 - 133). New York: Longman.</p> <p>O'Neill, K. (2009). Actors in international environmental politics. In <i>The environment and international relations</i> (pp. 48 - 70). Cambridge University Press.</p> <p>Ostrom, E., Burger, J., Field, C. B., Norgaard, R. B., & Policansky, D. (1999). Revisiting the commons: local lessons, global challenges. <i>science</i>, 284(5412), 278-282.</p> <p>Recommended Readings</p> <p>-</p>
6	Environmental Policymaking: Democracy, policy process, and path dependency	<p>Required Readings</p> <p>Forsyth, T. (2004). Social movements and environmental democratization in Thailand. <i>Earthly politics: Local and global in environmental governance</i>, 195-215.</p> <p>Kay, A. (2012). Policy trajectories and legacies: Path dependency revisited. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 462 - 472). Routledge.</p> <p>Kraft, M. E. (2011). Public policy responses. In <i>Environmental policy and politics</i> (pp. 52 - 53). New York: Longman.</p> <p>Recommended Readings</p> <p>Berkes, F. (2007). Community-based conservation in a globalized world. <i>Proceedings of the National</i></p>

		<p><i>academy of sciences</i>, 104(39), 15188-15193.</p> <p>Hayes, M. (2012). Incrementalism. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 287 - 298). Routledge.</p> <p>Howlett, M. & Giest, S. (2012). The policy-making process. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 17 - 28). Routledge.</p> <p>Lejan, R. P. (2012). Postpositivism and the policy process. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 98 - 112). Routledge.</p> <p>Mucciaroni, G. (2012). The garbage can model and the study of the policy-making process. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 320 - 328). Routledge.</p>
7	Global Resources and the Environment: Policy Analysis	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 83 – 118). MIT press.</p> <p>Jacob, K. & Volkery, A. (2006). Institutions and instruments for government self-regulation: Environmental policy integration in a cross-country perspective. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 239 - 264). Berlin: Freie Universität Berlin.</p> <p>Mayer, I. S. et al. (2012). Policy analytical styles. In Araral, E.,</p>

		<p>Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 254 - 270). Routledge.</p> <p>Vedung, E. (2012). Six models of evaluation. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 387 - 400). Routledge.</p> <p>Recommended Readings</p> <p>Bartlett, A. A. (1994). Reflections on sustainability, population growth, and the environment. <i>Population and Environment</i>, 16(1), 5-35.</p> <p>Kraft, M. E. (2011). The benefits of dispersed power. In <i>Environmental policy and politics</i> (pp. 144 - 149). New York: Longman.</p>
9	MID TERM EXAM	
10	<p>a) Cross-Continental Env. Hazards and Climate System Response Scenarios.</p> <p>b) Poverty-NR Nexus: An Analytical Framework for Water, Forest, Land and Air Sectors.</p>	<p>Tentative: This lecture will be delivered by Dr. Umer Khayyam</p>
8	Energy and Natural Resource Management	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 119 – 187). MIT press.</p> <p>Dahlman, C. J. (1979). The problem of externality. <i>The journal</i></p>

		<p><i>of law and economics</i>, 22(1), 141-162.</p> <p>Tietenberg, T. H., & Lewis, L. (2016). Energy: The transition from depletable to renewable resources. In <i>Environmental and natural resource economics</i> (pp. 140 - 179). Routledge.</p> <p>Recommended Readings</p> <p>Poocharoen, O. (2012). Bureaucracy and the policy process. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 331 - 346). Routledge.</p>
11	Globalization and the Environment: Challenges, changes, and international politics	<p>Required Readings</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The political economy of the global environment</i> (pp. 189 – 220). MIT press.</p> <p>Dessler, A., & Parson, E. A. (2010). Global climate change: A new type of environmental problem. In <i>The science and politics of global climate change: A guide to the debate</i> (pp. 1 - 30). Cambridge University Press.</p> <p>Fogel, C. (2004). The local, the global, and the Kyoto Protocol. <i>Earthly politics: Local and global in environmental governance</i>, 103125.</p> <p>Janicke, M. (2006). Trend setters in environmental policy: The character and role of pioneer countries. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 51 - 66). Berlin: Freie Universität Berlin.</p> <p>Najam, A. (2003). The case against a new international</p>

		<p>environmental organization. <i>Global Governance</i>, 9, 367.</p> <p>Najam, A., Papa, M., & Taiyab, N. (2006). Global environmental governance: A reform agenda.</p> <p>Recommended Readings</p> <p>Busch, P. et al. (2006). The global diffusion of regulatory instruments: The making of a new international environmental regime. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 123 - 144). Berlin: Freie Universität Berlin.</p> <p>Jacob, K. & Volkery, A. (2006). Modelling capacities for environmental policy-making in global environmental politics. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 67 - 96). Berlin: Freie Universität Berlin.</p> <p>O'Neill, K. (2009). Introduction: The environment and international relations. In <i>The environment and international relations</i> (pp. 1 - 23). Cambridge University Press.</p> <p>O'Neill, K. (2009). International environmental problems. In <i>The environment and international relations</i> (pp. 24 - 47). Cambridge University Press.</p> <p>O'Neill, K. (2009). State-led global environmental governance: International cooperation and regime formation. In <i>The environment and international</i></p>
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		<i>relations</i> (pp. 71 - 103). Cambridge University Press.
12	Local dynamics of global environmental changes	<p>Required Readings</p> <p>Bauer, S. (2006). Does Bureaucracy really matter? The authority of intergovernmental treaty secretariats in global environmental politics. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 353 - 385). Berlin: Freie Universität Berlin.</p> <p>Beck, S. (2004). Localizing global change in Germany. <i>Earthly Politics: Local and Global in Environmental Governance. The MIT Press, Cambridge, MA</i>, 173-194.</p> <p>Coase, R. H. (1960). The problem of social cost. In <i>Classic papers in natural resource economics</i> (pp. 87-137). Palgrave Macmillan, London.</p> <p>Iles, A. (2004). Patching local and global knowledge together: Citizens inside the US chemical industry. <i>Earthly politics: Local and global in environmental governance</i>, 285-308.</p> <p>Najam, A., & Robins, N. (2001). Seizing the future: The South, sustainable development and international trade. <i>International Affairs</i>, 77(1), 49-68.</p> <p>O'Neill, K. (2009). The impacts and effectiveness of environmental treaty regimes. In <i>The environment and international relations</i> (pp. 104 - 134). Cambridge University Press.</p> <p>Recommended Readings</p> <p>Bäckstrand, K. (2006). Multi-stakeholder partnerships for</p>

		<p>sustainable development: rethinking legitimacy, accountability and effectiveness. <i>European Environment</i>, 16(5), 290-306.</p> <p>Mez, L. (2006). Ecological tax reform - An environmental policy innovation in an international comparison. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 303- 321). Berlin: Freie Universität Berlin.</p> <p>O'Neill, K. (2009). Non-state global environmental governance. In <i>The environment and international relations</i> (pp. 167 - 196). Cambridge University Press.</p> <p>Pattberg, P. (2006). The institutionalization of private governance: How business and non-profit organizations agree on transnational rules. In Jacob, K., & Jänicke, M. (Eds.). <i>Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation</i> (pp. 386 - 410). Berlin: Freie Universität Berlin.</p>
13	<p>a) Environmental (Non-/Point) Pollution and NR Utilities.</p> <p>b) Actors in Global Environmental Politics.</p>	<p>Tentative: This lecture will be delivered by Dr. Umer Khayyam</p>
14	Climate Change Refugees	This lecture will be delivered jointly with the Migration and Development Class.

15	Media, Ethics, and the use of Science	<p>Required Readings</p> <p>Dessler, A., & Parson, E. A. (2010). Science, politics, and science in politics. In <i>The science and politics of global climate change: A guide to the debate</i> (pp. 31 - 60). Cambridge University Press.</p> <p>Dessler, A., & Parson, E. A. (2010). Human-induced climate change: Present scientific knowledge and uncertainties. In <i>The science and politics of global climate change: A guide to the debate</i> (pp. 61 - 111). Cambridge University Press.</p> <p>Kraft, M. E. (2011). Scientific knowledge and its use. In <i>Environmental policy and politics</i> (pp. 30 - 32). New York: Longman.</p> <p>Kraft, M. E. (2011). Environmental values and ethics. In <i>Environmental policy and politics</i> (pp. 34 - 35). New York: Longman.</p> <p>Soroka, S. et al. (2012). Mass media and policy-making. In Araral, E., Fritzen, S., Howlett, M., Ramesh, M., & Wu, X. (Eds.). <i>Routledge handbook of public policy</i> (pp. 204 - 214). Routledge.</p> <p>Recommended Readings</p> <p>-</p>
16	Environmental Policy: What's in store?	<p>Required Readings</p> <p>Beck, U. (2009). <i>World at risk</i> (pp. 160 – 186). Polity.</p> <p>Bullard, R. (2000). Environmental justice in the 21st century. <i>People of color environmental groups. Directory</i>, 1-21.</p> <p>Clapp, J., & Dauvergne, P. (2005). <i>Paths to a green world: The</i></p>

political economy of the global environment (pp. 221 – 244). MIT press.

Dessler, A., & Parson, E. A. (2010). The state of climate policy and a path forward. In *The science and politics of global climate change: A guide to the debate* (pp. 160 - 196). Cambridge University Press.

Najam, A., Christopoulou, I., & Moomaw, W. R. (2004). The emergent “system” of global environmental governance. *Global Environmental Politics*, 4(4), 23-35.

O'Neill, K. (2009). Conclusions: The environment and international relations in the twenty-first century. In *The environment and international relations* (pp. 197 - 211). Cambridge University Press.

Recommended Readings

Janicke, M. & Jacob, K. (2006). Lead markets for environmental innovations: A new role for the nation state. In Jacob, K., & Jänicke, M. (Eds.). *Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation* (pp. 30 - 50). Berlin: Freie Universität Berlin.

Janicke, M. & Jorgens, H. (2006). New approaches to environmental governance. In Jacob, K., & Jänicke, M. (Eds.). *Environmental Governance in Global Perspective: New Approaches to Ecological and Political Modernisation* (pp. 167 - 209). Berlin: Freie Universität Berlin.

Latacz-Lohmann, U., & Hodge, I. (2003). European agri-environmental policy for the 21st century. *Australian*

		<p><i>Journal of Agricultural and Resource Economics</i>, 47(1), 123-139.</p> <p>Najam, A., Papa, M., & Taiyab, N. (2006). Global environmental governance: A reform agenda.</p>
17	Final Exams Week	-

Course Policies

Email and Office Hours

Given that this class will be taught while the Covid-19 pandemic is ongoing, **the meetings for this course will be only on Monday's**. I will, however, be available for individual meetings online via Teams. In order to set up an e-meeting, you can send me an email at least one day in advance.

If you need to contact me email on sheebafarooq@s3h.nust.edu.pk . Please get in the habit of emailing and responding to emails. Please note that I will not be responding to emails outside of working hours.

Attendance:

- In the event of a missed session, it is the student's responsibility to consult LMS and their classmates for missed content.
- Class attendance will be taken in first 5 minutes of the class. Do not be late for class otherwise you will be marked **ABSENT** for the session(s).
- If you are away on official NUST duty¹, it is the student's responsibility to inform the instructor on time with an official notice². Consequently, the student will still be marked as present, but as "On Duty". **AIESEC events and activities related duties don't qualify for "On Duty" status unless instructed by Dean/Principal S3H.**

¹ Duties include representing NUST at any forum both at national and international level and being assigned duties by NUST societies/authorities for NUST/NBS level events.

²An application duly signed by the Principal/Dean of NBS

- It is the student's responsibility to continuously monitor his/her attendance. **DO NOT ask the instructor to change/modify the attendance**, unless there has been an accidental oversight. In such an event, the student should inform the instructor of the error (with proof) **before** the month ends.

Assignments:

Weekly readings:

As you will see in the course breakdown, I have assigned two types of readings each week – required and recommended. Required readings, as the title suggests, are essential. I will expect you to come to class having gone over the essential readings, and prepared to discuss these in class. Recommended readings will help you should you decide to write your response paper and/or term paper on the topic for a particular week.

Academic Dishonesty:

Students need to carefully consider NUST policies regarding plagiarism. Group-work is encouraged but any form³ of plagiarism is a crime and will not be tolerated. Strict action will be taken against any student(s) found plagiarising any material and submitting it as his/her own.

You are responsible for knowing and enacting academic conduct that is in line with the University's statement entitled "Academic Dishonesty" available at:

<http://www.nust.edu.pk/usr/showContents.aspx?mdl=1839>

The statement highlights examples of unacceptable behavior which include, but are not limited to, the following:

- **Cheating:** Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise; copying from another student's examination; submitting work prepared in advance for an in-class examination; taking an examination for

³ For example submitting someone else's work, past projects or direct material from the internet/books (unless outlined or referenced) as you own

another person or conspiring to do so.

- Plagiarism: Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise; failure to attribute direct quotation, paraphrase, or borrowed facts or information.

It is expected that all work that is handed will be your own. Any ideas or content that come from another source must be properly cited (including any content taken from the Internet, books, articles and lectures). It is expected from you that all your work (project, assignment and presentations) are referenced using this handout.

Moreover, **Turn-It-In** will be used as the plagiarism software to evaluate all your submissions. Any acts of plagiarism and cheating will be dealt strictly and in accordance with the policy in place by the University.

Things to Remember

- Do's and Don'ts of Class

DO	DONT
Come to class <u>on time</u> and having completed the reading material.	Submit assignments, quizzes late. Such assignments and quizzes will be cancelled.
Take notes during the lectures.	<u>Cause disturbance</u> in class. If you have a question, address it to the instructor.
Ask questions that are relevant to the topic being discussed and participate actively in class discussions and activities.	Walk in and out of class during the lecture as you please. If you have an emergency, let the lecturer know.
Let the lecturer know in advance if you need to miss a class.	Come to class <u>without your own copy of reading material</u> assigned for that week.
Respect your classmates opinions regarding topics under discussion	Ask the lecturer to reschedule deadlines.
Constantly monitor the course outline and <u>check the deadlines.</u>	<u>Ask the lecturer to change attendance details.</u>
Research topics and news items for constructive (and respectful) in-class debates.	Eat/Drink food in class.
<u>Switch off your phones</u> during class.	<u>DO NOT forget to write some form of identification on each document that is due for submission of any kind.</u>