

Global Climate Governance: Predicting Paris / Global Environmental & Climate Policy

Syllabus

University of Potsdam
Winter 2015-2016

Professor Detlef F. Sprinz, Ph.D.

Purpose and Contents

This course provides an overview of global environmental policy and esp. global climate policy. The course comprises overarching conceptual frameworks, select empirical domains of global environmental policy, and the management of long-term environmental policy challenges. As the international negotiations within the global climate regime aspire to conclude a successor agreement to the 1997 Kyoto Protocol for the period following 2020 by the end of 2015, course participants will undertake structured simulations of potential outcomes of such negotiations.

Logistics

Time & Locations: (→ Course Overview)

- Please check your email for changes and updates.

Study Areas:

- MPM (UP, compulsory for the “GeoGovernance” stream, optional otherwise)
- MA Political Science (UP)
- MA Public Administration (UP)
- MA Internationale Beziehungen (FUB, HU, UP)
- MA Economics (UP)
- Other MA programs upon petition

Prerequisites:

- Admission to a Master program or equivalent.

Course Registration:

- <https://puls.uni-potsdam.de>, mandatory (Search for: “4001 Global Climate Governance: Predicting Paris/Global Environmental and Climate Policy”). If you do not have access to this registration facility, please contact the coordinator of your program.)

Capacity:

- 25 students or room capacity (minimum of both). Priority will be given to students with mandatory curricular requirements.

ECTS Credits:

- 6 (MPM, MAIB)
- 10 (MA in Political Science and MA Public Administration)
- 5 (upon request)
- Students who wish to audit the course can do so by special permission of the instructor. They have to submit work equivalent to 5 ECTS and actively participate

throughout the course and submit assignments at the level of passing grades (see below).

Remarks:

- The seminar is an intensive reading course with frequent assignments.
- It is important not to underestimate the workload as this course is a partially compacted course! Start reading as early as possible and use the weeks when we do not meet to get ahead with your readings and assignments.

Course website: <https://moodle2.uni-potsdam.de/course/view.php?id=8500>. Students from outside the University of Potsdam should contact moodle-team@uni-potsdam.de to receive access to Moodle.

Contact Details:

dsprinz@uni-potsdam.de (include “GCG:PP/ GECP 2015-16” in the subject line)

Skype: sprinz.teaching

Office Hours: by appointment. Please approach me after class.

www.sprinz.org, specifically: http://www.uni-potsdam.de/u/sprinz/doc/Syllabus_GECP.pdf

Course & MPM Program Assistant:

Ms. Mira Weihmann, mweihmann@uni-potsdam.de, (0331) 977-4478.

Please direct all logistical issues to Ms. Weihmann.

Code of Conduct

All students are assumed to be familiar with and will abide by the rules of proper academic conduct as specified by the University of Potsdam and its respective inter-university academic programs. You are expected to undertake all your *individual* assignments independently of other students. For *group* assignments, resulting products shall be authored exclusively by all group members. By submitting your first assignment, you agree to abide by these rules.

Select students appear to have fallen in love with around-the-clock reachability and social networks. During our seminar sessions, I expect you to concentrate on this course.

For proper referencing, I recommend the software available from the University of Potsdam (<http://www.zeik.uni-potsdam.de/campuslizenzen/citavi.html#c78559>, freely available for University of Potsdam affiliates, webpage in German).

Course Requirements and Grading

This course combines several requirements (see below). Students are expected to have read *all* assigned readings *prior* to class such that they will be able to discuss them in a workshop-style setting.

Your grade comprises the following components:

Requirements	MPM (6 ECTS) and MA (10 ECTS)	MA (5 ECTS)
oral participation (<i>throughout</i> the course)	20%	25%
individual paper “negotiations”	10%	10%
thematic group paper “regime effectiveness”	10%	none
(individual) actor paper and paper presentation	15%	20%
presentation of (group) simulation results	10%	10%
(group) simulation paper	25%	35%
(individual) outline of a long-term environmental policy challenge	10%	none

Textbook & MOOC

I recommend to buy the following book:

Bueno de Mesquita, Bruce. 2009. *The Predictioneer's Game: Using the Logic of Brazen Self-Interest to See and Shape the Future*. New York: Random House.

Several copies of the “The Predictioneer’s Game” are on reserve (“Semesterapparat”, University Library Griebnitzsee), and several copies are put on loan by the University Library - Griebnitzsee.

Please register for the massive open online course: *Climate Change: A Question of Justice?* by FernUniversität Hagen and Lund University (<https://mooc.umweltwissenschaften.de>). The MOOC is free of charge and will assist you across a range of assignments. Please follow the MOOC regularly.

Course Overview

Module	Date	Time	Location	Topic	Assignment
1	14 Oct.	10:00-12:00 h	3.06.S12	Course Overview & Core Terminology	
2	28 Oct.	9:00-10:30 h	3.06.S12	Negotiations (1)	Assignment #1 "Negotiations" (due: 27. Oct 2015, 14:00 h)
3	28 Oct.	10:30-12:00h	3.06.S12	Negotiations (2)	Assignment to Actor Papers
4	11 Nov.	9:00-10:30 h	3.06.S13	Prof. Christina Voigt (Univ. of Oslo Law School, Norway): "The State of Global Climate Negotiations" (Via Skype)	
5	11 Nov.	10:30-12:00h	3.06.S13	Loss & Damage	
6	13 Nov.	10:00-11:30 h	3.06.S16	Introduction to Simulation: The Predictioneer's Game	Assignment to Thematic Group "Regime Effectiveness"
7	18 Nov.	9:00-10:00 h	3.06.S12	Evaluating Simulation Output: The Predictioneer's Game	Prepare Input File for Model Runs Before Class
8	18 Nov.	10:00-12:00 h	3.06.S12	Presentation of Actor Papers	Assignment #2: Simulation Actor Paper (due: 17 Nov. 2015, 14:00 h); Assignment to Simulation Groups
9	25 Nov.	9:00-10:30 h	3.06.S13	Compliance	
10	25 Nov.	10:30-12:00h	3.06.S13	Regime Effectiveness	Assignment #3 "Regime Effectiveness" (due: 24 Nov. 2015, 14:00 h)
11&12	02 Dec.	9:00-12:00 h	3.06.S12	Presentation of Simulation Results	#4: Group Simulation Paper, Presentation File, Presentation (due: 01 Dec. 2015, 14:00 h)
13	16 Dec.	9:00 – 10:00 h	3.06.S13	Long-Term Environmental Policy	Assignment #5: Outline of a Long-Term Environmental Policy Challenge (due: 15 Dec. 2015, 14:00 h)
14	16 Dec.	10:00-12:00 h	3.06.S13	Prof. Christian Hey (German Advisory Council on the Environment): When is Long-Term Policy Politically Feasible?	
15	16 Dec.	18-20 h	t.b.d.	Course Review & Review of Predictions	

All Written Assignments

When composing your individual or group papers, your emphasis is *not* on reviewing the material covered in the required readings, it is assumed that you have read it. Read the instructions carefully (!), build on the required readings, and innovate in a way not found in the required readings. Leave the reader with the impression that *your* ideas (either individual or as a group) have been carefully chosen and could be expanded upon in a longer paper. Please note that keeping it short is the art of structuring one's mind and concentrating on the main points rather than on peripheral considerations. It is more difficult to write a convincing short paper than a long paper!

All papers include your student ID number(s), name of university, assignment number (see overview), and word count on the first page. At a minimum, leave one inch margins from all four edges of A4-sized sheets. Footnotes are strongly discouraged. All text is 1.5-spaced, 11-12 point font. Paper length will be strictly enforced (the word counts includes literally everything!). Papers shall be submitted – in PDF format – via Moodle 2 by the due date and time (→*Course Overview*). Missing the deadline will incur a penalty of one third of a full grade per hour (e.g., 2.0→2.3). Extensions will be granted only under extraordinary circumstances, following written petition.

In case of a group assignments, all author ID numbers have to be listed, including a short description regarding who contributed what.

Please use proper and complete academic referencing (→*Code of Conduct*).

Students are expected to attend *all* sessions. In case you cannot submit assignments due to medical reasons, you must submit an appropriate medical doctor's certificate.

Submission deadlines are indicated on the course overview. Submission is via Moodle 2 (→*Course Overview*), normally on the day prior to meetings of the seminar. For exceptions: →*Course Overview*.

For all assignments the text of the assignment will be posted to Moodle 2 well ahead of the deadline.

The allocation into thematic groups, simulation groups, and to actor papers is at the discretion of the instructor; group composition will change over time.

Assignments #1 & #3: Thematic Papers

For all thematic papers, please include the student ID numbers for all individual/group members, theme, and word count on the cover page. In case of the group paper on regime effectiveness, please indicate briefly who contributed what to the group effort (short listing, e.g., with bullet points).

The specific assignments will be shared during Modules 1 and 6 respectively.

Length: max. 1,000 words (Assignment #1)
 max. 1,500 words (Assignment #3))

Assignments #2 & #4: Actor Paper, Group Simulation Paper, Presentation File, Presentation

The assignment comprises (individual) actor papers (max. 1,000 words), a (group) simulation paper (max. 3,000 words), a (group) presentation file, as well as the input files for the simulation.

The assignments will be shared after teaching Module 3.

Assignment #5: Outline of a Long-Term Environmental Policy

Read Sprinz (2009) (see Module 13). Describe a long-term environmental policy challenge other than those mentioned in Sprinz (2009) by demonstrating and substantiating that it conforms to the three definitional aspects mentioned therein.

Length: max. 500 words.

Modules and Assignments

Throughout the course, please access the massive open online course (MOOC) *Climate Change: A Question of Justice?* (<https://mooc.umweltwissenschaften.de>).

Module 1: Course Overview & Core Terminology

Course Overview and Presentation of Core Terminology

Module 2: Negotiations (1)

Assignment #1 Due.

Mitchell, Ronald B. 2009. *International Politics and the Environment*. Los Angeles: Sage, 112-145.

Bodansky, Daniel and Lavanya Rajamani. 2015. *The Evolution and Governance Architecture of the Climate Change Regime*. In: Urs Luterbacher and Detlef F. Sprinz, eds., in preparation. *International Relations and Global Climate Change*. Cambridge, MA: The MIT Press, mimeo.

Dimitrov, Radoslav. S. 2010. *Inside Copenhagen: The State of Climate Governance*. *Global Environmental Politics* 10(2):18-24,
www.mitpressjournals.org/doi/pdfplus/10.1162/glep.2010.10.2.18 .

Module 3: Negotiations (2)

Sprinz, Detlef, and Tapani Vaahoranta. 1994. *The Interest-Based Explanation of International Environmental Policy*. *International Organization* 48 (1):77-105,
www.uni-potsdam.de/u/sprinz/doc/Sprinz_Vaahoranta_1994_Interest_Based_Explanation_IO.pdf .

Underdal, A. 2009. *Can International Conferences Be Modeled?* In Karin Aggestam and Magnus Jerneck. *Diplomacy in Theory and Practice*, Malmö: Liber, 125-140.

Hovi, Jon, and Detlef F. Sprinz. 2006. *The Limits of the Law of the Least Ambitious Program*. *Global Environmental Politics* 6:28-42,
www.uni-potsdam.de/u/sprinz/doc/Hovi.2006.LLAP.GEP.pdf .

Module 4: Guest Lecture: Prof. Christina Voigt (University of Oslo Law School): The State of Global Climate Negotiations

Ulfstein, Geir and Christina Voigt. 2014. *Rethinking the Legal Form and Principles of a New Climate Agreement*. In Todd L. Cherry, Jon Hovi and David M. McEvoy, eds. *Toward A New Climate Agreement - Conflict, Resolution and Governance*. London and New York: Routledge: 183-198.

Voigt, Christina. 2012. *The Legal Form of the Durban Platform Agreement: Seven Reasons for a Protocol*. *Ethics, Policy & Environment* 15(3): 276-282,
<http://dx.doi.org/10.1080/21550085.2012.730222> .

Bodansky, Daniel. 2014. *Structure of a 2015 Climate Change Agreement*. Arlington, VA: Center for Climate and Energy Solutions
<http://www.c2es.org/docUploads/structure-of-agreement-brief-10-14.pdf>

Intergovernmental Panel on Climate Change. 2014. *Climate Change 2014 - Synthesis Report - Summary for Policymakers*. 01 Nov. 2014
http://www.ipcc.ch/pdf/assessment-report/ar5/syr/AR5_SYR_FINAL_SPM.pdf .

Urs Luterbacher and Detlef F. Sprinz. eds. 2015. *International Relations and Global Climate Change*. in preparation. mimeo. *Skim*.

Hovi, Jon, Detlef F. Sprinz, Håkon Sælen, and Arild Underdal. 2015. The Club Approach: A Gateway to Effective Climate Cooperation? Paper Presented at the 2015 Annual Convention of the International Studies Association, New Orleans, Louisiana. mimeo.

UNFCCC Ad Hoc Working Group on the Durban Platform for Enhanced Action (2015). ADP.2015.8.InformalNote: Draft Agreement and Draft Decision. 05 Oct. 2015, unfccc.int/resource/docs/2015/adp2/eng/8infnot.pdf .

Check the UNFCCC website for important information as well as IISD ENB Reporting:
<http://unfccc.int> ,
http://www.iisd.ca/process/climate_atm.htm .

Module 5: Loss and Damage

Tol, Richard S. J., and Roda Verheyen. 2004. State Responsibility and Compensation for Climate Change Damages - a Legal and Economic Assessment. *Energy Policy* 32:1109-1130,

<http://www.sciencedirect.com/science/article/pii/S0301421503000752> .

Sprinz, Detlef F., and Steffen von Bünau. 2013. The Compensation Fund for Climate Impacts. *Weather, Climate, and Society* 5 (3):210-20,
www.uni-potsdam.de/u/sprinz/doc/Sprinz.2013.TheCompensationFundforClimateImpacts.WCAS.pdf.

Schäfer, Laura, and Sönke Kreft. 2014. *Loss and Damage: Roadmap to Relevance for the Warsaw International Mechanism*. Bonn: Germanwatch,
germanwatch.org/en/8366 .

Check the UNFCCC website for important information as well as IISD ENB Reporting:
http://unfccc.int/adaptation/workstreams/loss_and_damage/items/6056.php
http://www.iisd.ca/process/climate_atm.htm

Please also check:

<https://germanwatch.org/en/stichwort/loss-and-damage>
<http://www.loss-and-damage.net> .

Module 6: Introduction to Simulation: The Predictioneer's Game

Bueno de Mesquita, Bruce. 2009. *The Predictioneer's Game: Using the Logic of Brazen Self-Interest to See and Shape the Future*. New York: Random House, chs. 1-3, 5, 10, & 11 (skim the remainder of the book).

Module 7: Evaluating Simulation Output: The Predictioneer's Game

Prepare Input File for Model Runs Before Class and bring your laptop with you to class.

Read <http://www.predictioneersgame.com>, esp.

<http://www.predictioneersgame.com/game>

Review Bueno de Mesquita, Bruce. 2009. *The Predictioneer's Game: Using the Logic of Brazen Self-Interest to See and Shape the Future*. New York: Random House, 215-226 and prepare the input file (Bueno de Mesquita 2009, 217) according to the formatting instructions found at <http://www.predictioneersgame.com/game>. Bring the input file to class on a USB stick, upload it to personal cloud storage, or equivalent.

Module 8: Presentation of Actor Papers

Assignment #2 Due.

Search for additional resources for the positioning of actors, such as the Climate Action Tracker (<http://www.climateactiontracker.org>) and others.

Presentation of Actor Papers in Class.

Module 9: Implementation and Compliance

Mitchell, Ronald B. 2007. Compliance Theory: Compliance, Effectiveness, and Behavior Change in International Environmental Law. In Jutta Brunnee, Daniel Bodansky and Ellen Hey, eds. *Oxford Handbook of International Environmental Law*, Oxford: Oxford University Press, 893-921, pages.uoregon.edu/rmitchel/resume/pubs/chapters/2007-OxfordHandbookIEL.pdf.

Hovi, Jon, Detlef F. Sprinz, and Arild Underdal. 2009. Implementing Long-Term Climate Policy: Time Inconsistency, Domestic Politics, International Anarchy. *Global Environmental Politics* 9 (3):20-39, www.uni-potsdam.de/u/sprinz/doc/Hovi.2009.Implementing_Long_Term_Climate_Policy.GEP.pdf.

Rosendal, Kristin, and Peter Johan Schei. 2012. Convention on Biological Diversity - From National Conservation to Global Responsibility. In Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland, eds. *International Environmental Agreements - An Introduction*, New York: Routledge, 119-133.

Oberthür, Sebastian, and Kristin Rosendal, eds. 2014. Global Governance of Genetic Resources - Access and Benefit Sharing after the Nagoya Protocol. New York and London: Routledge, 1-17, 231-250

Hovi, Jon, and Arild Underdal. 2013. Implementation, Compliance, and Effectiveness of Policies and Institutions, In: Urs Luterbacher and Detlef F. Sprinz, eds., in preparation. *International Relations and Global Climate Change*. Cambridge, MA: The MIT Press, mimeo.

Check, for example, www.unfccc.int (climate change) and www.cbd.int (biodiversity) for the compliance records of respective global environmental agreements.

Module 10: Regime Effectiveness

Assignment #3 Due.

Underdal, Arild. 2008. Determining the Causal Significance of Institutions: Accomplishments and Challenges. In Oran R. Young, Leslie A. King, and Heike Schroeder, eds., *Institutions and Environmental Change: Principal Findings, Applications, and Research Frontiers*, Cambridge, MA: MIT Press, 49-78.

Helm, Carsten, and Detlef F. Sprinz. 2000. Measuring the Effectiveness of International Environmental Regimes. *Journal of Conflict Resolution* 45 (5):630-652, www.uni-potsdam.de/u/sprinz/doc/Sprinz_Helm2000.pdf.

Young, Oran R. 2001. Inferences and Indices: Evaluating the Effectiveness of International Environmental Regimes. *Global Environmental Politics* 1 (1):99-121, www.mitpressjournals.org/doi/pdf/10.1162/152638001570651.

Young, Oran R. 2011. "Effectiveness of International Environmental Regimes: Existing Knowledge, Cutting-Edge Themes, and Research Strategies." *Proceedings of the National Academy of Sciences* 108 (50):19853-60, link.springer.com/content/pdf/10.1007%2Fs10784-012-9204-z.pdf.

Gysen, Joos, Hans Bruyninckx, and Kris Bachus. 2006. The Modus Narrandi: A Methodology for Evaluating Effects of Environmental Policy. *Evaluation* 12(1): 95-118,
<http://evi.sagepub.com/content/12/1/95.full.pdf+html> .

Module 11 & 12: Presentation of Simulation Results

Assignment #4 Due.

Module 13: Long-Term Environmental Policy

Assignment #5 Due.

Sprinz, Detlef F. 2012. Long-Term Environmental Policy: Definition—Origin—Response Options. In Peter Dauvergne, ed. *Handbook of Global Environmental Politics*, Cheltenham: Edward Elgar,

www.uni-potsdam.de/u/sprinz/doc/Sprinz.2012.LongTerm_Environmental_Policy.JED.pdf .

Sprinz, Detlef F. 2009. Long-Term Environmental Policy: Definition, Knowledge, Future Research. *Global Environmental Politics* 9 (3):1-8,

www.uni-potsdam.de/u/sprinz/doc/Sprinz.2009.Introduction_LoPo.GEP.pdf .

Underdal, Arild. 2011. Complexity and Challenges of Long-Term Environmental Governance. *Global Environmental Change* 20(3):386-393,

www.sciencedirect.com/science/article/pii/S0959378010000117 .

Princen, Thomas. 2009. Long-Term Decision-Making: Biological and Psychological Evidence. *Global Environmental Politics* 9 (3):9-19,

www.mitpressjournals.org/doi/pdfplus/10.1162/glep.2009.9.3.9 .

Hovi, Jon, Mads Greker, et al. 2012. A Credible Compliance Enforcement System for the Climate Regime. *Climate Policy* 12 (6):741-754,

www.tandfonline.com/doi/abs/10.1080/14693062.2012.692206 .

Module 14: Guest Lecture: Prof. Christian Hey (German Advisory Council on the Environment): When is Long-Term Policy Politically Feasible?

German Advisory Council on the Environment – SRU. 2012. *Environmental Report 2012 - Responsibility in a Finite World*. Berlin, German Advisory Council on the Environment,

www.umweltrat.de/SharedDocs/Downloads/EN/01_Environmental_Reports/2012_05_Environmental_Report_summary.pdf?jsessionid=BFA9F6663BAD1F6564BD81C560732FCC.1_cid325?__blob=publicationFile .

European Environment Agency. 2015. The European Environment — State and Outlook 2015: Synthesis Report. Copenhagen, European Environment Agency, 9-31, browse remainder,

www.eea.europa.eu/soer-2015/synthesis/report/at_download/file.

Module 15: Course Review & Review of Predictions