

# Viadrina Summer Program 2024

# Culture, Politics and Media in Contemporary Europe

June 1 - July 19, 2024

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# Translocations, National Heritage and the Restitution of Cultural Property in the 19<sup>th</sup> and 20<sup>th</sup> Century (6 ECTS)

Name: Philipp Dinkelaker/Benno Nietzel Office: HG 126 E-Mail: dinkelaker@europa-uni.de, nietzel@europa-uni.de Tel.: 0335-5534-2259 Office Hours: on appointment

Works of art and cultural properties have been forcefully transferred from one location to another since the beginning of history, especially in times of war and revolution. During the 19<sup>th</sup> century, displacing cultural items became increasingly considered as a barbaric and illegal practice, violating international law and the cultural heritage of nations. In this seminar, we examine the attempts to legally protect cultural property against translocation and analyse current debates on the restitution of disputed items from an interdisciplinary perspective (law, history, cultural studies). We go back as far as to the Napoleonic Era, when masses of cultural assets were looted all over Europe and brought to France, and contemporaries heavily contested the legitimacy of these displacements. We also follow the development of legal instruments for the protection of cultural property from the 19<sup>th</sup> century to the UNESCO conventions of the 20<sup>th</sup> century. We discuss the role of Western museums in the collection of cultural items from European colonies and learn about the debates on the restitution of artworks to their countries of origin in the Global South. Particular attention is given to the mass plunder of art during the Nazi era and World War II and the restitution of Nazi-looted assets, which has been a contested issue until the present. Seminar members are assigned with an oral presentation in which they present individual cases of objects and their contested histories of displacement and negotiations over restitution. We are planning to make an excursion to the Humboldt Forum Berlin and/or other museums in one of the sessions.

GRADING (see example below):	
Home essay (8 pp.):	40 %
1 presentation (10 minutes):	20 %
Participation/Engagement:	40 %

### TERMS

### Presence

Students are requested to attend to classes in order to get graded. <u>More than one absence</u> <u>will automatically lower your final grade</u> after your point total is calculated, unless you can *document* that all the absences are related to an illness and/or official university event. For each additional absence your final grade will be lowered by 1/3 (a B becomes a B-, etc.). Late

arrival and early departure will not be tolerated.

**Policy on Academic Integrity**. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

Your writing must be your own work. If you plagiarize egregiously on an assignment, you will fail the course. Simple rule of thumb: "If you use words or ideas that are not your own you must cite your sources. Otherwise you will be guilty of plagiarism."

	Торіс	Readings	Recommended
1	The Translocation and	Cecil Gould: Trophy of	Bénédicte Savoy: Kunstraub.
	Restitution of Cultural	Conquest. The Musée	Napoleons Konfiszierungen in
	Property during and after	Napoleon and the	Deutschland und die
	the Napoleonic Wars	Creation of the Louvre,	europäischen Folgen,
		London 1965.	Wien/Köln/Weimar 2011.
2	The Law of War and the	John H. Merryman:	Francesco Francioni / Ana
	Protection of Cultural	Thinking About the Elgin	Vrdoljak (eds.), The Oxford
	Property since the 19 <sup>th</sup>	Marbles. Critical Essays on	Handbook of International
	Century	Cultural Property, Art and	Cultural Heritage Law, Oxford
		Law, Alphen 2009.	2020.
3	Archaeology and the	Peter France: Rape of	Suzanne L. Marchand: Down
	Translocation of	Egypt. How the Europeans	from Olympus. Archaeology
	Antiquities	Stripped Egypt of Its	and Philhellenism in Germany
		Heritage, London 1991.	1750–1970. Princeton 1996.
4	Museums and the	Dan Hicks: The Brutish	Elazar Barkan / Ronald Bush
	Collection of Colonial and	Museums. The Benin	(Hrsg.): Claiming the Stones,
	Indigenous Art	Bronzes, Colonial Violence	Naming the Bones. Cultural
		and Cultural Restitution,	Property and the Negotiation
		London 2020.	of National and Ethnic
			Identity. Los Angeles 2002.
5	The Plunder of Artworks	Lynn Nicholas: The Rape	Michael J. Kurtz: America and
	during World War II and	of Europa. The Fate of	the Return of Nazi
	the Restitution of Nazi-	Europe's Treasures in the	Contraband. The Recovery of
	looted Art	Third Reich and the	Europe's Cultural Treasures,
		Second World War, New	Cambridge 2006.
		York 1994.	

# COURSE STRUCTURE

6	The Quest for Restitution	Bénédicte Savoy: Africa's	Jos van Beurden: Treasures in
	of Colonial Art since the	Struggle for Its Art. History	Trusted Hands. Negotiating
	1970s	of a Post-Colonial Defeat,	the Future of Colonial Cultural
		Princeton 2022.	Objects. Leiden 2017.

# COURSE READINGS (Suggestions)

Elazar Barkan: The Guilt of Nations. Restitution and Negotiating Historical Injustices, New York 2000.

Elazar Barkan / Ronald Bush (Hrsg.): Claiming the Stones, Naming the Bones. Cultural Property and the Negotiation of National and Ethnic Identity. Los Angeles 2002.

Jos van Beurden: Treasures in Trusted Hands. Negotiating the Future of Colonial Cultural Objects. Leiden 2017.

Elliott Colla: Conflicted Antiquities. Egyptology, Egyptomania, Egyptian Modernity. Durham 2007.

Margarita Diaz-Andreu: A World History of Nineteenth-Century Archaeology. Nationalism, Colonialism and the Past. Oxford 2007.

Peter France: Rape of Egypt. How the Europeans Stripped Egypt of Its Heritage, London 1991.

Francesco Francioni / Ana Vrdoljak (eds.), The Oxford Handbook of International Cultural Heritage Law, Oxford 2020.

Elisabeth Gallas et al. (eds.): Contested Heritage. Jewish Cultural Property after 1945, Göttingen 2020.

Bianca Gaudenzi/Astrid Swenson: Looted Art and Restitution in the Twentieth Century -Towards a Global Perspective, in: Journal of Contemporary History 52 (2017), No. 3, pp. 491-518.

Jeanette Greenfield: The Return of Cultural Treasures. 3<sup>rd</sup> ed., Cambridge 2007.

Dan Hicks: The Brutish Museums. The Benin Bronzes, Colonial Violence and Cultural Restitution, London 2020.

Michael J. Kurtz: America and the Return of Nazi Contraband. The Revovery of Europe's Cultural Treasures, Cambridge 2006.

Federico Lenzerini (ed.): Reparations for Indigenous Peoples. International and Comparative Perspectives, Oxford 2008.

Staffan Lundén: Displaying Loot. The Benin Objects and the British Museum. Diss. Gothenburg University 2016.

Suzanne L. Marchand: Down from Olympus. Archaeology and Philhellenism in Germany 1750–1970. Princeton 1996.

John H. Merryman: Thinking About the Elgin Marbles. Critical Essays on Cultural Property, Art and Law. Alphen 2009.

John H. Merryman (ed.): Imperialism, Art and Restitution. Cambridge 2006

John H. Merryman/ Albert E. Elsen: Law, Ethics and the Visual Arts. Den Haag et al. 2002.

Lynn Nicholas: The Rape of Europa. The Fate of Europe's Treasures in the Third Reich and the Second World War, New York 1994.

Donald M. Reid: Whose Pharaohs? Archaeology, Museums and Egyptian National Identity from Napoleon to World War I. Berkeley 2002.

Thomas Sandkühler / Angelika Epple / Jürgen Zimmerer (eds.), Historical Culture by Restitution? A Debate on Art, Museums and Justice, Wien/Köln 2023.

Felwine Sarr / Bénédicte Savoy: Rapport sur la restitution du patrimoine culturel africain.

Vers une nouvelle éthique relationnelle, November 2018, https://restitutionreport2018.com.

Bénédicte Savoy: Kunstraub. Napoleons Konfiszierungen in Deutschland und die europäischen Folgen, Wien/Köln/Weimar 2011.

Bénédicte Savoy: Africa's Struggle for Its Art. History of a Post-Colonial Defeat, Princeton 2022.

Julius H. Schoeps / Anna-Dorothea Ludwig (eds.): Eine Debatte ohne Ende? Raubkunst und Restitution im deutschsprachigen Raum, Berlin 2014.

Elizabeth Simpson (ed.): The Spoils of War. World War II and its Aftermath. The Loss, Reappearance and Recovery of Cultural Property, New York 1997.

Ana Filipa Vrdoljak: International Law, Museums and the Return of Cultural Objects. Cambridge 2006.

# Digital Disinformation in Europe (6 ECTS)

Name: Miglė Bareikytė Office: CP 140 E-Mail: bareikyte@europa-uni.de Office Hours: on appointment

One of the problematic aspects of digitalization is disinformation. Of course, disinformation and related propaganda practices are not new—they have been used and developed throughout the 20th century. However, contemporary digitalization, which has increased the speed and variety of communication practices, has facilitated the development of data driven digital disinformation. This seminar asks: What is digital disinformation? How does it relate to historical practices of propaganda and disinformation in the 20th century? What empirical examples of disinformation and its contestation have been practiced in Europe? During the seminar, we will explore the conceptual and historical foundations of disinformation. We will also examine contemporary forms of disinformation with a focus on Europe, including examples from Russia's war against Ukraine, the use of artificial intelligence for disinformation, and critical practices in countering disinformation through digital means. In order to achieve the main goal of the seminar—a conceptual, historically grounded understanding of disinformation and its actualization through empirical case studies—we will read and discuss texts, conduct classroom research, watch film(s), and interact with practitioners from the field of disinformation research.

GRADING (see example below):

Home essay (6 pp.):	40 %
1 presentation (20 minutes):	30 %
Participation/Engagement:	30 %

# TERMS

# Presence

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	Торіс	Readings	
1	Disinformation,	Edward Bernays. 1928. Propaganda. New York: Horace	
	Misinformation and	Liveright. Chapters 2, 4, 11.	
	Propaganda:		
	Conceptual Foundations	Rachel Armitage and Cristian Vaccari. Misinformation	
		and Disinformation. 2021. In: The Routledge	
		Companion to Media Disinformation and Populism.	
	<b>D</b> : :: 1	Editors Howard Tumber and Silvio Waisbord. pp. 38-48.	
2	Digital	Franziska Martini, Paul Samula, Tobias R Keller, and	
	Disinformation	Ulrike Klinger. 2021. Bot, or not? Comparing three	
		methods for detecting social bots in five political	
		discourses. Big Data & Society. Online: ttps://doi.org/10.1177/20539517211033566	
		Carlos Diaz Ruiz. 2023. Disinformation on digital media	
		platforms: A market-shaping approach. New Media &	
		Society. Online:	
		https://doi.org/10.1177/14614448231207644	
3	Disinformation in Europe 1:	Peter Pomerantsev and Michael Weiss. 2014. The	
	State-Sponsored	Menace of Unreality: How the Kremlin Weaponizes	
	Disinformation	Information, Culture and Money. Institute of Modern	
		Russia.	
		143514.	
		Online:	
		https://imrussia.org/media/pdf/Research/Michael Wei	
		ss_and_Peter_PomerantsevThe_Menace_of_Unreali	
		ty.pdf	
		Susanne Spahn. 2020. Russian Media in Germany.	
		Friedrich-Naumann-Stiftung für die Freiheit.	
4	Disinformation in Europe 2:	Yevgeniy Golovchenko, Mareike Hartmann, Rebecca	
-	Civil Society strikes back	Adler-Nissen. 2018. State, media and civil society in the	
	,	information warfare over Ukraine: citizen curators of	

		digital disinformation. International Affairs, Vol. 94 (5), pp. 975-994. https://doi.org.10.1093/ia/iiy148
5	Disinformation in Europa 3:	(Online) lectures by disinformation researchers and
	Current research	activists from Europe
6	Contemporary examples of	Classroom-based collaborative group research
	disinformation:	
	Bottom-up Research	

# COURSE READINGS

Armitage, Rachel and Cristian Vaccari. 2021. "Misinformation and Disinformation." In: Howard Tumber and Silvio Waisbord eds. The Routledge Companion to Media Disinformation and Populism. London: Routledge, pp. 38-48.

Bernays, Edward. 1928. Propaganda. New York: Horace Liveright.

Golovchenko, Yevgeniy, Mareike Hartmann, and Rebecca Adler-Nissen. 2018. State, media and civil society in the information warfare over Ukraine: citizen curators of digital disinformation. International Affairs, Vol. 94 (5), pp. 975-994. https://doi.org/10.1093/ia/iiy148

Martini, Franziska, Paul Samula, Tobias R Keller, and Ulrike Klinger. 2021. Bot, or not? Comparing three methods for detecting social bots in five political discourses. Big Data & Society. Online: ttps://doi.org/10.1177/20539517211033566

Pomerantsev, Peter and Michael Weiss. 2014. The Menace of Unreality: How the Kremlin Weaponizes Information, Culture and Money. Institute of Modern Russia. Online: https://imrussia.org/media/pdf/Research/Michael\_Weiss\_and\_Peter\_Pomerantsev\_\_The\_Menace\_of\_Unreality.pdf

Ruiz, Carlos Diaz. 2023. Disinformation on digital media platforms: A market-shaping approach. New Media & Society. Online: https://doi.org/10.1177/14614448231207644

Spahn, Susanne. 2020. Russian Media in Germany. Friedrich-Naumann-Stiftung für die Freiheit.

# Contemporary Art in Europe (6/9 ECTS)

Name: Prof. Dr. André Rottmann Office: HG 04 E-Mail: rottmann@europa-uni.de Tel.: +49 335 5534 2928 Office Hours: on appointment

This seminar offers an introduction to the history and theory of the visual arts in Europe from the Post-war period to the turn of the millennium. If modern(ist) art had insisted on the specificity of mediums (most notably painting and sculpture) and the autonomy of aesthetic experience (as distinct of the ones of everyday life and consumerism), advanced artistic practices as from the early 1960s, not the least under the influence of both social movements and visual culture, developed radically hybrid notions of the work of art and expanded its contexts and sites of reception, thus marking the passage toward contemporary art as a new periodization.

As a survey course, each class meeting covers distinct currents or movements, such as Nouveau Réalisme, Pop Art, Arte povera, Fluxus, Vienna Actionism and Relational Aesthetics, as they emerged internationally across Germany, France, Italy, Austria and Great Britain, among other countries, oftentimes in a transatlantic dialogue with artistic production and criticism in the US, and thereby introduces salient artworks, major protagonists and key terms of European art history in the second part of the 20<sup>th</sup> century. One class meeting will be held at the Hamburger Bahnhof in Berlin, the city's main museum for postwar and contemporary art.

The class meets for four hours per week (two times 90 minutes plus breaks). Disclaimer: Section 4 contains graphic content such as images of self-harm, violence against animals and pornography

### GRADING:

6 ECTS:	
Home essay (10 -15 pp.):	40 %
1 presentation (10 minutes):	30 %
Participation/Engagement:	30 %
9 ECTS:	
Home essay (20 -25 pp.):	40 %
1 presentation (10 minutes):	30 %
Participation/Engagement:	30 %

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	Торіс	Readings	Recommended
1	From "Decollage" to "Nouveau Réalisme": Art in Postwar France (Yves Klein, Arman, Raymond Hains, Daniel Spoerri, Jacques de la Villeglé)	Kaira M. Cabañas: "Yves Klein's Performative Realism", <i>Grey Room</i> , Vol. 31, Spring 2008, pp. 6-31. Julia Robinson: Before	Benjamin H. D. Buchloh: "From Detail to Fragment: Décollage Affichiste", <i>October</i> , Vol. 56, Spring 1991, pp. 99–110
2	TheArtworkinConsumerCulture:Pop Art in Europe(RichardHamilton,EduardoPaolozzi,GerhardRichter,Sigmar Polke, OyvindFahlström)	Hamilton: The Art of Richard Hamilton", in: <i>Richard Hamilton. October</i> <i>File</i> , ed. by Hal Foster, Cambridge, MA/London:	Thomas Crow: The Long March of Pop: Art, Music, and Design, 1930-1995, New Haven, CT / London: Yale University Press, 2015 (excerpts).

		Christine Mehring: "Richter's Collaborations, Richter's Turn," in: <i>Gerhard</i> <i>Richter: Early Work, 1951-</i> <i>1972</i> , ed. by Christine Mehring, Jeanne Nugent and Jon Seydl, Los Angeles, CA: Getty Publications, 2010, pp. 90-124.	
3	The Politics of Value: Arte povera and Fluxus (Giuseppe Penone, Giovanni Anselmo, Michelangelo Pistoletto, Pino Pascali, Mario Merz; George Maciunas, Robert Filliou, Ben Vautier, Nam June Paik)	Nicholas Cullinan: "From Vietnam to Fiat-nam: The Politics of Arte Povera", in: <i>October</i> , Vol. 124, Spring 2008, pp. 8-30. Natilee Harren: "Fluxus and the Transitional Commodity", <i>Art Journal</i> , Vol. 75, No. 1, 2016, pp. 44- 69.	Fredric Jameson: "Periodizing the 60s", <i>Social Text</i> , No. 9/10, Spring- Summer 1984, pp. 178-209.
4	Breaking the Frame of Art: 'Aktionskunst' and Vienna Actionism (Joseph Beuys, Wolf Vostell, Gustav Metzger; Marina Abramovic, Gina Pane; Otto Mühl, Günter Brus, Hermann Nitsch, Richard Schwarzkogler)	Mark Rosenthal: "Joseph Beuys: Staging Sculpture", in: Joseph Beuys. Actions, Vitrines, Environments, London/Houston, TX: Tate Modern/The Menil Collection, 2004, pp. 10-135 (excerpts). Philip Ursprung: "Catholic Tastes': Hurting and Healing the Body in Viennese Actionism", in: Performing the Body/Performing the Text, ed. by Amelia Jones and Andrew Stephenson, London / New York, NY: Routledge, 1999, pp. 138- 152.	Thierry de Duve: "Joseph Beuys, or The Last of the Proletarians", October, Vol. 45, Summer 1988, pp. 47-62. Beth Hinderliter: "Citizen Brus Examines His Body: Actionism and Activism in Vienna, 1968", in: October, Vol. 147, Winter 2014, pp. 78-94.

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5	The Return of the Human Figure: Painting, Sculpture and Photography after Conceptualism (Thomas Schütte, Katharina Fritsch, Fischli & Weiss, Martin Kippenberger, Franz West, Thomas Struth)	<ul> <li>"The 80s Are in Our Midst. Roundtable</li> <li>Discussion with John M</li> <li>Armleder, Benjamin H. D.</li> <li>Buchloh, Werner Büttner,</li> <li>Isabelle Graw, Philipp</li> <li>Kaiser, Kasper König, Jutta</li> <li>Koether, and Thomas Ruff",</li> <li>in: <i>Flashback: Revisiting the</i></li> <li>Art of the 80s, ed. by Philip</li> <li>Kaiser, Ostfildern: Hatje</li> <li>Cantz, 2005, pp. 21-96.</li> <li>Penelope Curtis: "Reclining</li> <li>Sculpture", in: <i>Thomas</i></li> <li>Schütte. Hindsight, ed. by</li> <li>Lynne Cooke, Madrid:</li> <li>MNCARS, 2010, pp. 52-64.</li> </ul>	Benjamin H. D. Buchloh: "Figures of Authority, Ciphers of Regression: Notes on the Return of Representation in European Painting", in: Benjamin H. D. Buchloh: Formalism and Historicity. Models and Methods in Twentieth-Century Art, Cambridge, MA/London: The MIT Press, 2015, pp. 115-172.
6	Another Social Turn: Exploring Sites of Communality and Communication (Pierre Huyghe, Philippe Parreno, Rirkrit Tiravanija, Liam Gillick, Christian Philipp Müller, Thomas Hirschhorn)	Miwon Kwon: "One Place after Another: Notes on Site Specificity", October, Vol. 80, Spring 1997, pp. 85-110. Claire Bishop: "Antagonism and Relational Aesthetics", October, Vol. 110, Fall 2004, pp. 51-79.	Nicolas Bourriaud: <i>Relational</i> <i>Aesthetics</i> , Paris: Les Presses du Reél, 1998, excerpt pp. 25-48 (chapters "Art of the 1990s" and "Space-time exchange factors").

# COURSE READINGS

Benjamin H. D. Buchloh: *Formalism and Historicity. Models and Methods in Twentieth-Century Art*, Cambridge, MA / London: The MIT Press, 2015.

Thomas Crow: *The Rise of the Sixties: American and European Art in the Era of Dissent*, London: Weidenfeld & Nicolson, 2005.

Hal Foster, Rosalind Krauss, Yve-Alain Bois, and Benjamin H. D. Buchloh. *Art since 1900. Modernism, Antimodernism, Postmodernism*, London: Thames & Hudson, 2004.

Anne Rorimer: New Art in the 60s and 70s. Redefining Reality, London: Thames & Hudson, 2001.

# Contemporary European Crime TV series (6 ECTS)

Name: Daniel Illger Office: HG 07 E-Mail: illger@europa-uni.de Tel.: +49 335 5534 2660 Office Hours: on appointment

In the recent decade there has been – partly due to the business practices of streaming services like Netflix – a surge in production and recognition of European TV series. Especially crime, police and detective shows like Gomorrah (Italy, 2014-2021), La Casa del Papel (Money Heist, Spain 2017-2021) and Babylon Berlin (Germany 2017-) have been acclaimed on both sides of the Atlantic and received huge commercial and artistic success. In keeping with the American noir and hard-boiled tradition, the aforementioned shows (as well as a host of others most notably Scandinavian crime series) do not only provide thrills and entertainment, but seek to create a twilight world of moral and psychological turmoil in order to open up aesthetic spaces for reflection on political and social frictions and the still festering wounds of a traumatic history torn by war and dictatorship. The first session will establish a framework for the analysis of TV series. In the second session we will take a look at the most important narrative and aesthetic aspects of American noir cinema. Following this, we will widen our perspective by discussing influential theories on the social impact of crime fiction in general. With the fifth session we will conclude the theoretical part of the class by investigating possible connections between aesthetics, politics and history, now drawing on more philosophical approaches, while the final two sessions will be reserved for the analysis of episodes from some of the most important contemporary European crime TV series. The shows and episodes for analysis will be chosen and compiled in accordance with the interests of the participating students.

GRADING (see example below):	
Home essay (8 pp.):	40 %
1 presentation (15 minutes):	30 %
Participation/Engagement:	30 %

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	Торіс	Readings	Recommended
1	Establishing an	Mittell 2015	Hanson / Peacock / Turnbull 2018
	Analytical Framework		Hanson / Re 2023
2	Perspectives on	Gustaffson 2013	Dussere 2013
	American Noir	Schrader 1973	Neale 2000
	Cinema		
3	The Impact of Crime	Boltanski 2014	Jameson 2016
	Fiction		
4	Aesthetics, Politics,	Kappelhoff	Elsaesser
	and History		
5	Analytical Session	./.	./.
6	Analytical Session	./.	./.

# COURSE READINGS

Boltanski, Luc. 2014[2012]. *Mysteries and Conspiracies - Detective Stories, Spy Novels and the Making of Modern Societies*. Cambridge: Polity Press.

Dussere, Erik. 2013. *America is Elsewhere. The Noir Tradition in the Age of Consumer Culture.* Oxford: Oxford University Press.

Elsaesser, Thomas. 2013. Terror and Trauma. German Cinema after 1945. New York: Routledge.

Gustafsson, Henrik. "A Wet Emptiness. The Phenomenology of Film Noir". In: Andrew Spicer and Helen Hanson (Ed). *A Companion to Film Noir*. Oxford: Blackwell 2013, pp. 50-66.

Hansen, Kim Toft / Peackock Steven / Turnbull, Sue (Ed.). 2018. *European Television Crime Drama and Beyond*. New York: Palgrave Macmillan.

Hansen, Kim Toft / Re, Valentina (Ed.). 2023. *Peripheral Locations in European TV Crime Series*. New York: Palgrave Macmillan

Jameson, Frederic. 2016. *Raymond Chandler. The Detection of Totality*. New York/London: Verso.

Kappelhoff, Hermann. 2015. *The Politics and Poetics of Cinematic Realism.* New York: Columbia University Press.

Mittell, Jason. 2015. *Complex TV: The Poetics of Contemporary Storytelling*. New York: New York University Press.

Neale, Steve. 2000. Genre and Hollywood. Milton Park/Andingon/Oxfordshire: Routledge.

Schrader, Paul. 1972. "Notes on Film Noir." In: Film Comment, 8(1), 1972, pp. 8–13.

# Introduction to Queer Studies (6/9 ECTS)

Name: Prof. Dr. Kira Kosnick Office: HG 248 E-Mail: kosnick@europa-uni.de Tel.: +49 335 5534 2646 Office Hours: on appointment

# Description:

This seminar offers an introduction to the interdisciplinary field of Queer Studies from anthropological and sociological perspectives. Starting from the historical and cultural transformation of sexual identities and sexual politics, we examine their development in the context of European imperial and nation-state-centred modernities. We also address the emergence of social movements focused on non-normative sexual and gender identities, and the deconstruction of gender-binarisms and sexuality in the context of queer academic critiques. Intersectional perspectives relating to the intersection of sexuality and gender with hierarchies of class, 'race' and ethnicity will be relevant throughout, and situated both historically as well as geopolitically.

The class meets for four hours per week (two times 90 minutes plus breaks).

GRADING: 6 ECTS:	
Response papers (5):	60 %
Participation/Engagement:	40 %
9 ECTS:	
Response papers (5):	40 %
Final written exam:	30%
Participation/Engagement:	30 %

### Response Papers:

You will submit **five one-page response papers** (400-500 words each) for different sessions, answering the questions listed in the syllabus for the respective mandatory readings. You need to submit these papers by a Friday noon deadline BEFORE the respective session in which we discuss the readings. Students aiming for 6 ECTS credits thus need to submit five times with 5 pages in total. Students aiming for 9 ECTS need to fulfil the requirements for 6 ECTS, plus take the **final written exam** in the last week of classes (90 minutes, last half of the final session, hand-written). Let the instructor know well ahead of time if you have any special needs regarding the written exam (i.e. dyslexia).

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### Presence

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**Policy on Academic Integrity**. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

Your writing must be your own work. If you plagiarize egregiously on an assignment, you will fail the course. Simple rule of thumb: "If you use words or ideas that are not your own you must cite your sources. Otherwise you will be guilty of plagiarism."



Session	Date	Торіс	Readings	Questions (tba)	Recommended (not yet completed)
Nr.					
1.	04.06.24	Introduction to the course What are the dominant norms concerning gender and sexuality in your country of origin? What issues are controversial and politically contested?	For those who read German: read GEW publication "Pädagogik der Vielfalt" For those who do not: do your own research using reputable sources (that is, those with scientific credibility or very well- researched journalism) to summarize the main positions and conflicts regarding LGBTQ* issues in your country/state of origin!		https://www.theguardian.com/us- news/2022/aug/28/reproductive-freedom- abortion-rights-dorothy-roberts-interviewhttps://www.theguardian.com/society/2021 /jun/14/anti-trans-laws-us-maphttps://www.theguardian.com/us- news/2022/apr/28/lgbtq-rights-us-dont-say- gay(click on 'l'll do it later' when asked to register for the Guardian newspaper)
2.	11.06.24	Historical development of sexual identities	D'Emilio, J. (2007). Capitalism and gay identity. In <i>Culture,</i> <i>Society and Sexuality. A</i> <i>Reader</i> (pp. 266-274). Routledge. Second text to be determined		
3.	18.06.24	Historical development of sexual identities in	Foucault, M. (1990). <i>The</i> <i>history of sexuality: An</i> <i>introduction</i> , volume I. New York: Vintage.		



		Western Europe – modern governance of sexualities through juridical and medical knowledge	(excerpts, document on Moodle is a cut-down version for easier reading) second text to be determined	
4.	25.06.24	Identities and subjectivation between assignment and self- empowerment – thinking with Foucault	For those who read German: Netzwerk Trans* -Inter* - Sektionalität (2013): Intersektionale Beratung von/ zu Trans* und Inter. Berlin. http://transintersektiona litaet.org/wp- content/uploads/2013/0 9/tis brosch sept- 2013.pdf For those who do not read German: Knott, G. A. (2009). Transsexual Law Unconstitutional: German Federal Constitutional Court Demands Reformation of Law Because of Fundamental Rights Conflict. Louis ULJ, 54, 997.	For those who read German https://www.lsvd.de/de/ct/6417- Selbstbestimmungsgesetz



5.	02.07.24	Intersectionality	Crenshaw, K. (1989). Demarginalizing the intersection of race and sex: A black feminist critique of antidiscrimination doctrine, feminist theory and antiracist politics. Univ. of Chi. Legal Forum.	What is Crenshaw's problem with US anti-discrimination law?	read: Combahee River Collective Statement, https://www.blackpast.org/african- american-history/combahee-river- collective-statement-1977/ Watch: ACT UP Oral History Project: Interview with Maxine Wolfe, https://actuporalhistory.org/numeri cal-interviews/043-maxine-wolfe
			Schulman, S. (2021). <i>Let the record show: A political history of ACT UP New York, 1987-1993</i> . Farrar, Straus and Giroux. Chapter 1, Introduction.	How does Schulman address the relevance of Act Up's political work to social groups beyond white middle-class men?	
6.	09.07.24	Variations of sex development –Intersex – Intergender	Clune-Taylor, C. (2010). From intersex to DSD: The disciplining of sex development. <i>PhaenEx</i> , 5(2), 152-178. Moreno-Begines, M. D. L. N., Arroyo-Rodríguez, A., Borrallo-Riego, Á., & Guerra-Martín, M. D. (2022, April). Intersexuality/Difference s of Sex Development through the Discourse of Intersex People, Their Relatives, and Health Experts: A Descriptive Qualitative Study. In		watch online in preparation for the session: <u>https://www.youtube.com/watch?v</u> =QQdOp3COfSs



			Healthcare (Vol. 10, No. 4, p. 671). Mdpi. https://www.mdpi.com/ 2227-9032/10/4/671	
7.	16.07.24	Review and Final written exam	No new readings – review at home!	Review the slides on Moodle for all sessions, come with questions if anything has remained unclear! The exam will cover all of the class content. Be prepared to write about one paragraph in response to the various questions asked (no mutiple choice).

COURSE READINGS

see in table above

# Multilingualism – European Perspectives (6/9ECTS)

Name: Prof. Dr. Britta Schneider Office: Chair of Language Use and Migration, Logenstrasse 4, AM 137 E-Mail: bschneider@europa-uni.de Tel.: 0049-335-55342734 Office Hours: on appointment

In this seminar, we study multilingualism in Europe from different angles, considering what multilingualism means for individuals as members of social groups, for societies (that are, more often than not, conceptualized as monolingual) and for European institutions who deal with the diverse linguistic competences of populations on a daily basis. The focus of the class will be on understanding multilingualism as a social phenomenon and as the ability to use linguistic resources according to social contexts and demands. This implies to engage with the ideas that we are all users of multilingual, diverse resources, that separate languages are social constructs and that monolingualism is a powerful ideological mechanism of exclusion. A critical questioning of dominant European and Western ideas about language as separate and normed entities, and of concepts such as language testing or linguistic integration, is thus central in this course. We also have a look at contemporary European language policies and how they affect language education in school and at university. Students will be invited to apply their new theoretical knowledge to critically inspect their own globalized and multilingual life-worlds – in local contexts and educational institutions, in private encounters or in online activities. The overall aim of the class is to develop an understanding as language as social practice that is embedded in culture, history and politics.

Workload: 20 hours in-class / 130 hours independent study (6 ECTS)

# GRADING

Home essay (8 pp.):	40 %
1 presentation (10 minutes):	20 %
Participation/Engagement:	40 %

# TERMS

# Presence

Students are requested to attend to classes in order to get graded. <u>More than one absence</u> <u>will automatically lower your final grade</u> after your point total is calculated, unless you can *document* that all the absences are related to an illness and/or official university event. For each additional absence your final grade will be lowered by 1/3 (a B becomes a B-, etc.). Late arrival and early departure will not be tolerated. **Policy on Academic Integrity**. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

Your writing must be your own work. If you plagiarize egregiously on an assignment, you will fail the course. Simple rule of thumb: "If you use words or ideas that are not your own you must cite your sources. Otherwise you will be guilty of plagiarism."

	Торіс	Readings	Recommended
1	Foundations in Sociolinguistics	Horner & Weber 2018: Ch. 1 & 4 Coulmas 2018: 47-58	<ul> <li>Holmes, Janet, and Nick Wilson. 2022. An Introduction to Sociolinguistics. London: Routledge.</li> <li>Meyerhoff, Miriam, and Erik Schleef, eds. 2010. The Routledge Sociolinguistics Reader. London: Routledge.</li> <li>Mooney, Annabelle, and Betsy Evans. 2019. Language, Society and Power. London: Routledge.</li> </ul>
2	Individual Multilingualism	Coulmas 2018: Ch.5 Horner & Weber 2018 Ch.7	<ul> <li>Blommaert, Jan, James Collins, and Stef Slembrouck. 2005. "Spaces of Multilingualism." <i>Language and Communication</i> 25:197-216.</li> <li>Joseph, John E. 2004. <i>Language and Identity. National, Ethnic, Religious.</i> Basingstoke: Palgrave Macmillan.</li> </ul>
3	Multilingual Communities and Multilingual Education	Coulmas 2018: Ch.7 Horner & Weber 2018: Ch.9	<ul> <li>Byram, Michael, and Lynne Parmenter, eds. 2012. The Common European Framework of Reference: The Globalisation of Language Education Policy. Bristol: Multilingual Matters.</li> <li>Wright, Sue. 2000. Community and Communication: The Role of Language in Nation State Building and European Integration. Clevedon: Multilingual Matters.</li> </ul>
4	Mediated Multilingualism – Written and Online Discourse	Coulmas 2018: Ch.9 Sebba, Mark. 2013. "Multilingualism in Written Discourse: An Approach to the Analysis of Multilingual Texts." International Journal of Bilingualism 17:97-118.	<ul> <li>Androutsopoulos, Jannis K. 2010.         <ul> <li>"Multilingualism, Ethnicity and Genre in Germany's Migrant Hip Hop." In <i>The Languages of Hip Hop</i>, edited by Marina Terkourafi, 19-43. London: Continuum.</li> <li>Deumert, Ana. 2014. Sociolinguistics and Mobile Communication.</li> </ul> </li> </ul>

				Edinburgh: Edinburgh University Press.
5	Social Discourses and Beliefs about Multilingualism	Horner & Weber 2018: Ch. 13 Horner & Weber 2018: Ch. 14	•	Stevenson, Patrick. 2006. "'National' Languages in Transnational Contexts: Language, Migration and Citizenship in Europe." In <i>Language Ideologies,</i> <i>Policies and Practices: Language and</i> <i>the Future of Europe</i> , edited by Patrick Stevenson and Clare Mar- Molinero, 147-161. Basingstoke: Palgrave Macmillan. Stevenson, Patrick, and Clare Mar- Molinero. 2006. "Language, the National and the Transnational in Contemporary Europe." In Language Ideologies, Policies and Practices: Language and the Future of Europe, edited by Patrick Stevenson and Clare Mar-Molinero, 1-10. Basingstoke: Palgrave Macmillan.
6	Institutional Multilingualism and European Language Policies (& Guest talk by Maggie Bullock de Oliveira on bilingual study programmes in Europe)	Coulmas 2018: Ch. 6 [110-127] Unger, Johann W., Michal Krzyzanowski, and Ruth Wodak. 2014. "Introduction: Encountering Multilingualism in Europe's Institutions." In <i>Multilingual Encounters in</i> <i>Europe's Institutional Spaces</i> , edited by Johann W. Unger, Michal Krzyzanowski and Ruth Wodak, 1-12. London: Bloomsbury.	•	https://www.coe.int/en/web/languag e-policy https://www.europarl.europa.eu/Reg Data/etudes/fiches techniques/2013 /051306/04A FT(2013)051306 EN.p df Saraceni, Mario, Britta Schneider, and Christine Bélanger. 2021. "'Brexit' and the Postnational Dimension of English in Europe." In <i>Routledge</i> Handbook in World Englishes, edited by Andy Kirkpatrick. London: Routledge. van Avermaet, Piet. 2009. "Fortress Europe? Language Policy Regimes for Immigration and Citizenship." In Discourse on Language and Integration, edited by Gabrielle Hogan-Brun, Clare Mar-Molinero and Patrick Stevenson, 15-44. Amsterdem: Benjamins.

# **COURSE READINGS**

Coulmas, Florian. 2018. *An introduction to multilingualism. Language in a changing world*. Oxford: Oxford University Press.

Horner, Kristine, and Jean-Jacques Weber. 2018. *Introducing multilingualism. A social approach*. London: Routledge.

Sebba, Mark. 2013. "Multilingualism in Written Discourse: An Approach to the Analysis of Multilingual Texts." *International Journal of Bilingualism* 17:97-118.

Unger, Johann W., Michal Krzyzanowski, and Ruth Wodak. 2014. "Introduction: Encountering Multilingualism in Europe's Institutions." In *Multilingual Encounters in Europe's Institutional Spaces*, edited by Johann W. Unger, Michal Krzyzanowski and Ruth Wodak, 1-12. London: Bloomsbury.

# Business Administration and Economics Track

- 25 Energy Transitions 11: Wind Power as 'Overriding Public Interest' Acceptance of Wind Energy Deployment
- 28 Politics of Climate Change

# Energy Transitions 11: Wind Power as 'Overriding Public Interest' - Acceptance of Wind Energy Deployment

Name: Prof. Dr. iur. Jens Lowitzsch / Hrishikesh Chinchkar Office: Kelso Professorship of Comparative Law, East European Business Law and European Legal, August Bebel Str. 12, AB 307 E-Mail: kelso-professorship@europa-uni.de

	Date	Room	Content
LV1		tba	Introduction
LV2		tba	
LV3		tba	
LV4		tba	
LV5		tba	

Course plan (Compact course/Blockseminar)

# Seminar description

Background - HORIZON Europe project "Wind in My Backyard" (WIMBY): While wind power is one of the fastest growing, most mature and cost-competitive renewable energy (RE) technologies, its deployment faces significant challenges due to low acceptance amongst societal actors. Factors such as restrictive regulation, disinformation, misinformation and concerns about changes to scenic landscapes, negative impacts on biodiversity, ecosystems and health impede the spread of new wind power installations. To increase acceptance, counterbalance "Not in my backyard" (NIMBY) effects and foster support for wind power, thereby enabling its contribution to the decarbonization strategy of the EU, the WIMBY project translates the results of cutting-edge in-depth models to assess impacts, conflicts, synergies and potentials for development of wind power into practical information for stakeholders. Facilitating societal engagement is key for a broad deployment of wind power across the European Union.

Despite its importance to tackle climate change, low acceptance amongst societal actors remain – apart from broader ecological, economic, and technical issues – the main obstacle to the much-needed expansion of wind energy. The Wind Barriers Report estimated in 2010 that as much as 30% of wind energy projects in Europe were cancelled due to resistance of local populations filing lawsuits (EWAE 2010). Defining the expansion of wind energy as an 'overriding public interest' – as of now for 18 months – in the Regulation (EU) 2022/2577 effective as of January 2023 resets this playing field potentially to the disadvantage of both local stakeholders and energy community initiatives acting slower than professional wind park

developers. This poses the hazard, that 'green grabbing', i.e., appropriation of land and natural resources suited for the exploitation of renewables by multinationals, will spread due to the increasing economic value of wind following the dramatic push in the expansion of wind energy.

Against the background of this HORIZON Europe project WIMBY the seminar analyses the regulatory framework Wind Power deployment across the EU (and as a benchmark possibly in other countries worldwide). Following the Tenets of Transitional Justice, the following questions are addressed:

- How do the current legal systems of selected EU Member States distribute the ills and benefits connected to the construction and operation of wind parks, using the mechanism of 'balancing of interest'? (distributive justice);
- Do legislators and courts consider all conflicting interests in their 'balancing of interests', including those of typically underrepresented people? (justice as recognition);
- How can energy communities be empowered to actively shape the energy transition and what role does the state, e.g. by defining wind as a 'common good', play in this process? (procedural justice).

# Literature

Tba

# Formalities 2024 Summer Semester

Study programs: 5/6/9 ECTS

MES modules: ZB Wirtschaft, WPM 6 // IBA modules: S-Module; Faculty of Law: Master of German and Polish Law (Module 3); SPB 5 (European Law) (without ECTS)

Performance test and credits

- 5 and 6 ECTS: regular attendance; oral presentation; term paper around 15 pages
- 9 ECTS: regular attendance; oral presentation; term paper around 20 pages

Students are required to write a paper (80% of the grade) and present their research to the class (20% of the grade).

# Deadlines

# Registration

By 18.04.2024 at kelso-professorship@europa-uni.de including name, matriculation number, the study program, and the exact title of the course.

Paper submission

Upload final presentation of term paper topic by 18.05.2024 at 23:59 Finalized term paper by the end of the summer-semester 2024: 30.08.2024. <u>https://www.wiwi.europa-uni.de/de/studium/pruefungen/index.html</u> <u>https://study.europa-uni.de/de/studieren/termine/semestertermine/index.html</u>

# POLITICS OF CLIMATE CHANGE

Name: Prof. Dr. Reimund Schwarze E-Mail: schwarze@europa-uni.de Office hours: by appointment

# **COURSE DESCRIPTION**

The aim of the course is to explore the concept of information asymmetry and show its practical application to disclosure of non-financial risks by the companies in order to get an access to climate finance. The essence, instruments (such as emission allowances, green bonds, etc.) and methods of carbon pricing will be explored, as well as its role in blended value creation. Carbon taxation and market financial instruments for climate finance mobilization, their role in combating climate change will be also outlined. EITI Rules and Standard will be explored and compared with other initiatives (UN Global Compact, PRI, GRI, etc.) aimed at non-financial risks/information disclosure. Particular focus will be placed on recent steps toward sustainable financial system, taken by the Chinese and European authorities. Also, different applications of the Blockchain technology for energy and financial markets will be discovered with special emphasis on possible ways of bridging informational gap between the needs of companies and financial market.

### ASSIGNMENTS

There is a mix of obligations the student must meet to fulfil the requirements of the course. This includes 1) in-class participation covering the assigned text/lecture materials both individually and within groups, 2) participation in online discussion board forum, 3) responding to questions contained in case studies, 4) debating in class a key issue in European Economics, 5) presenting an analysis of a European Economics issue reported in the press and 6) final exam. There is no extra credit available in this course. The range of assignments permits students to demonstrate comprehension in a variety of formats. Each is described in detail as follows:

<u>In-class participation</u> - Your principal reading obligation is to keep up with the assigned materials and in-class exercises within the course study outline contained in this syllabus. Class attendance is expected and in-class participation will be evaluated on its contribution to the learning process.

# Policy for Cell Phones and Laptops/Tablets in the Classroom:

To avoid distractions, cell phones must be turned off and must not be on the desk or otherwise viewable during class sessions (excluding breaks). Laptop and tablet use during class is limited to taking notes related to the lecture or class discussions and/or researching

material directly requested by the instructor. Internet searches will not be used to support discussions or interaction during class time unless specifically requested by the instructor. Students in violation of this policy will be considered absent for the entire class session (see Attendance policy below) and may be asked to leave the classroom.

# Absences:

If a student must miss a class session, an alternative assignment covering part of the missed session's topics may be completed for partial credit counted towards class participation.

# Online discussion:

To encourage student reflection and interaction in this course, students will participate in an online discussion. Topic will be given for discussion periods with a forum posted on the Moodle course site. Student contributions will be assessed based on their ability to address the issues presented <u>using concepts and evidence from the course</u> that engages fellow students in a thoughtful progression of ideas. Each discussion forum will be available immediately after the designated class session and close at midnight on the day before the subsequent class session. During the week-long discussion, students should expect to contribute to the discussion on at least three different days including one posting of at least 200 words. Students will need to follow current European economic issues reported by the press as these will form the basis for our online discussions. All quoted materials must follow proper citation format. See the Moodle site for details of discussion topic.

# Case study:

To demonstrate overall comprehension of the text and lecture concepts, students will respond to assigned questions from a proposed Case Study. Answers should establish a clear understanding of the significance to European Economics of the issues raised. Do not describe the case or repeat information already given. Instead, <u>using concepts and evidence from the course text and lectures</u>, students should apply this understanding to analyse the wider contexts of the case example and its meaning for European economics. See the Moodle site for details of a case study. Case study must be uploaded in Word format on Moodle.

Information Asymmetry, Corporate Disclosure and Climate Finance issue debate: During the 4th session of the course, groups of students will analyse a current issue surrounding the impact of the quality of non-financial reporting on the access to climate finance (reduced interest rates, more favourable credit conditions, etc.). A "pro" and a "con" team will take opposing sides on the topic and debate the issue before the class. The conversation should demonstrate a critical analysis. By the second session, students form groups to select a topic of interest from a list provided by the instructor. See Moodle for further details on the structure and timing of the debates.

# Article Analysis Presentations:

Students will individually evaluate an article from a news publication (good sources are the Economist, Wall Street Journal, Financial Times, Bloomberg, Forbes). While the choice of articles is yours, its focus must be on an economic issue and dated 2018 (attach a copy of the article). The objective is to demonstrate a critical analysis of the article's content by relating to the economics concepts introduced in the course sessions using your notes, experiences, and the course readings. Presentations will be evaluated based on the degree to which students accurately recognize problems and theoretical underpinnings of a given issue. See Moodle for further details of the presentations.

### GRADING

Final grades will be based on the following weighted factors:Case Study10%Online Discussion10%Class debates15%Project presentation15%Class Participation15%Final exam35%TOTAL100%

# **PLAGIARISM & ACADEMIC MISCONDUCT**

It is expected that all homework assignments, projects, papers, and examinations and any other work submitted for academic credit will be the student's own. Students should always take great care to distinguish their own ideas and knowledge from information derived from sources. The term "sources" includes not only primary and secondary material published in print or online, but also information and opinions gained directly from other people. Quotations must be placed properly within quotation marks and must be cited fully. In addition, all paraphrased material must be acknowledged completely. Whenever ideas or facts are derived from a student's reading and research or from a student's own writings, the sources must be indicated. It is the expectation of every course that all work submitted for a course or for any other academic purpose will have been done solely for that course or for that purpose.

Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure in the course and be remanded to the appropriate authorities of their home university for disciplinary action. This might lead up to a dismissal from the University.

# ATTENDANCE

Because of the extent of material to be covered in this six-session course, it is important that you come well prepared. Students are responsible for all information given during the class instruction. Students missing class will need to make arrangements with the instructor and complete an alternative assignment. Students missing more than two classes will not receive credit for the course (note above policy on use of cell phones and laptops applies here).

# **COURSE SCHEDULE**

Table	1
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Session	Topics	Readings	Activities
1	Information	Adverse Selection	Introduction to the
	Asymmetry and	"Principal-Agent Problem"	course
	Climate Finance	Transaction Costs	
2	Climate Finance and	Green Credits	Critical thinking
	Blended Value	Non-financial risks	discussion
	Creation	Blended Value Creations	
3	Disclosure of	UN Global Compact	Presentation topic
	NonFinancial Risks	GRI	statements due
	on	PRI	Class Debate
	Corporate Level		
4	EITI as a Sector	EITI Rules	Online discussion
	Specific Approach to	EITI Standard	due
	Non-Financial		Article Analysis
	Information		Presentations
	Disclosure		
5	EITI as a Sector	EITI Germany EITI	Critical thinking
	Specific Approach to	Norway	discussion
	Non-Financial		
	Information		
	Disclosure		

6	Application of	Internal Carbon Pricing	Presentation topic
	Carbon Pricing to	Carbon Taxation	statements due
	Reduce	EU Emission	Class Debate
	Climaterelated	Allowances	
	Information		
	Asymmetry		
7	Information	Green Washing	Critical thinking
	Asymmetry and	Green Bonds Taxonomy	discussion
	Green Bonds Market		
8	Urban Climate	Sustainability	Presentation topic
	Finance	Bonds, Green	statements due
		Bonds,	Class Debate
9	Green Financial	Recommendations of the	Online discussion
	Policy	High-Level Expert Group on	due
		Sustainable Finance	Article Analysis
		EU Action Plan	Presentations
10	Climate Insurance	Global Index Insurance	Presentation topic
		Facilities (GIIF)	statements due
		Cat Bonds	Class Debate
11	Market-based	European Trading System (EU	Online discussion
	instruments to	ETS)	due
	tackler greenhouse	CORSIA	Article Analysis
	gases from		Presentations
	international aviation		
	and shipping		
12	Blockchain	State and Trends in Climate	Critical thinking
	Technology and	Finance	discussion
	Climate Finance	Blockchain Technology	
	Related Information		Final exam
	Flows		

The schedule may be changed at any regularly scheduled class meeting depending on class requirements.

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# **COURSE READINGS**

Sushchenko O., Schwarze R. (2016), <u>Carbon taxation and market financial instruments for</u> <u>mobilizing climate finance</u>, KAS Policy Paper 27, 36 p.

# Useful links for material and data:

Environmental Finance – News, Data, Analysis. URL: https://www.environmentalfinance.com UNFCCC Newsroom News, Analysis, Reports. URL: \_ http://newsroom.unfccc.int/about/ Luxembourg Stock Exchange Data, News, Reports, Analysis. URL: \_ https://www.bourse.lu/home Climate Bonds Initiative News, Reports, Analysis, Data. URL: https://www.climatebonds.net Financial Times – News, Analysis. URL: http://ft.com

# Session 1. Information Asymmetry and Climate Finance

- Akerlof G. (1970), <u>The Market for Lemons: Quality Uncertainty and the Market</u> <u>Mechanism</u>, <u>Quarterly Journal of Economics</u> 84, 488-500.
- Spence M. (1973), *Job Market Signaling*, Quarterly Journal of Economics 87, 355-374.
- Rothschild M. och J. Stiglitz (1976), <u>Equilibrium in Competitive Insurance Markets:</u> <u>An Essay on the Economics of Imperfect Information</u>, *Quarterly Journal of Economics 90*, 629-649.
- Falconer A., Stadelmann M. (2014), <u>What is climate finance? Definitions to</u> <u>improve tracking and scale up climate finance</u>, Climate Policy Initiative, July 2014, 9 p.
- <u>Joint Report on Multilateral Development Bank's</u> (2015), The World Bank Group, 53 p.
- <u>Global Landscape of Climate Finance 2017</u>, Climate Policy Initiative, October 2017, 18 p.
- R.H. Coase (1960). <u>The Problem of Social Costs</u>. *Journal of Law and Economics*, Vol. 3, October, p. 1-44.
- The Global Risks Report 2018, 13<sup>th</sup> Edition, The World Bank Gourp, 67 p.
- <u>Stechemesser, K. and Guenther, E. (2012). Carbon accounting: A</u> <u>systematic</u> <u>literature review. *Journal of Cleaner Production*, Vol. 36, p. 17–38.</u>

- Pattberg, P. (2017). <u>The emergence of carbon disclosure: Exploring the role of governance entrepreneurs</u>. *Environment and Planning C: Politics and Space*, Vol. 35(8), p. 1437–1455.
- <u>Frankfurter Erklärung: Freiwilliges Bekenntnis zur Umsetzung einer gemeinsamen</u> <u>Nachhaltigkeitsinitiative am Finanzplatz Frankfurt am Main</u>. Deutsche Börse.

# Session 2. Climate Finance and Blended Value Creation

- Sushchenko O., Schwarze R. (2016), <u>Carbon taxation and market financial</u> <u>instruments for mobilizing climate finance</u>, KAS Policy Paper 27, 36 p.
- Falconer A., Stadelmann M. (2014), <u>What is climate finance? Definitions to</u> <u>improve tracking and scale up climate finance</u>, Climate Policy Initiative, July 2014, 9 p.
- <u>Global Landscape of Climate Finance 2017</u>, Climate Policy Initiative, October 2017, 18 p.
- Bowen, Howard B. <u>Social Responsibilities of the Businessman</u>, Harper, 1953, p. 276.
- Auserwald, F. <u>Creating Social Value</u>. Stanford Social Innovation Review, Spring 2009, 51-55 p. URL:
- Elkington John (1999). Cannibals with forks. The Triple bottom line of the 21st century business // John Elkington. Oxford: Capstone Publ., 410 p. (324/QP 150 E43)
- Elkington, John. The power of unreasonable people. How social entrepreneurs create markets that change the world // John Elkington. Boston, Mass.: Harvard Business Press, 2008, 242 p. (40/QP 230 E43)
- Jed Emerson (2005). <u>Maximizing Blended Value Building Beyond the Blended</u> <u>Value Map to Sustainable Investing, Philanthropy and Organizations</u>, January 2005, 47 p.
- Porter, M. E., and Mark R. Kramer (2006). <u>Strategy and Society: The Link between</u> <u>Competitive Advantage and Corporate Social Responsibility</u>. Harvard Business Review 84, no. 12. – 78-93 p.
- Porter, M. E., and Mark R. Kramer (2011). <u>Creating Shared Value: How to</u> <u>Reinvent Capitalism – and Unleash a Wave of Innovation and Growth.</u> Harvard Business Review, January-February. – 78-93 p.

# Session 3. Disclosure of Non-Financial Risks on Corporate Level

- Sushchenko O., Schwarze R. (2016), <u>Carbon taxation and market financial</u> <u>instruments for mobilizing climate finance</u>, KAS Policy Paper 27, 36 p.
- <u>Guide to Corporate Sustainability. Shaping a Sustainable Future</u> (2014), The UN Global Compact, 48 p.
- <u>The UN Principles for Responsible Investment and the OECD Guidelines for</u> <u>Multinational Enterprises: Complementarities and Distinctive Contributions</u> (2007), OECD, 12 p.
- <u>GRI Standards</u> (2017). Global Reporting Initiative.
- <u>KPI for ESG. A Guideline for the Integration of ESG into Financial Analysis and</u> <u>Corporate Valuation. Version 3.0</u> (2010), Society of Investment Professional in Germany, 169 p.
- <u>Measuring Intangibles. Robecosam's Corporate Sustainability Methodology</u> (2015). RobecoSAM AG, 15 p.
- <u>TCFD Final report FAQs</u> (2017). The Task Force on Climate-Related Financial Disclosures, 5 p.
- <u>Financing a Sustainable European Economy. Final Report 2018 by the High-Level</u> <u>Expert Group on Sustainable Finance</u>. Secretariat provided by the European Commission, 99 p.
- COM (2018) 97 final. <u>Communication from the Commission. Action Plan:</u> <u>Financing Sustainable Growth</u>, Brussels, 8.3.2018.
- <u>Thinking allowed. Climate-related disclosure. Integrating climate-related</u> <u>information in the annual report</u> (2017), Deloitte, 2017, 17 p.
- <u>Limited Visibility. The Current State of Corporate Disclosure on Long-Term Risks</u> (2017), Tragedy of the Horizon Program, Research Report, September 2017, 75 p.
- <u>Aviva Investors. Investment Research: Time for a Brave New World</u>? (2017), Aviva Investors, 38 p.
- <u>How Stock Exchanges Can Growth Green Finance</u> (2017), Sustainable Stock Exchange Initiative, 49 p.

# Session 4. EITI as a Sector Specific Approach to Non-Financial Information Disclosure (Part 1).

- <u>EITI Principles, 2011 Edition. Including the Validation guide</u> (2011), EITI International Secretariat, 86 p.
- <u>The EITI Standard 2016</u> (2017), EITI International Secretariat, 61 p. Sushchenko O., Schwarze R. (2016), <u>Carbon taxation and market financial instruments</u> for <u>mobilizing climate finance</u>, KAS Policy Paper 27, 36 p.
- <u>GRI Standards</u> (2017). Global Reporting Initiative.
- <u>KPI for ESG. A Guideline for the Integration of ESG into Financial Analysis and</u> <u>Corporate Valuation. Version 3.0</u> (2010), Society of Investment Professional in Germany, 169 p.
- Cristina Landis (2017): Korruption als Bestandteil der Nachhaltigkeitsberichterstattung in ausgewählten EU-Ländern, Zeitschrift für Umweltpolitik und Umweltrecht 4/2017, p. 350-376
- Siri Aas Rustad, Philippe Le Billon and Päivi Lujala (2017): <u>Has the Extractive</u> <u>Industries Transparency Initiative been a success? Identifying and evaluating EITI</u> goals. Resources Policy Vol. 51, p. 151-162.
- Schmaljohann, M. (2013): <u>Enhancing Foreign Direct Investment via Transparency?</u> <u>Evaluating the Effects of the EITI on FDI</u>. Discussion Paper Series 538 (University of Heidelberg).

# Session 5. EITI as a Sector Specific Approach to Non-Financial Information Disclosure (Part 2).

- <u>Progress Report 2018</u> (2018), EITI International Secretariat, 40 p.
- Implementation of the EITI in G7, EU and OECD countries. Facts&Figures (2016), EITI International Secretariat, 35 p.
- <u>The D-EITI and why it is worth participating</u> (2017), EITI Secretariat in Germany, 4 p.
- <u>Towards Mainstreaming Action Plan</u> (2016), EITI International Secretariat, 10 p.
- <u>EITI and Opportunities for Increasing Local Content Transparency</u> (2018), EITI International Secretariat, 24 p.
- <u>Board decision on the Validation of Norway</u> (2017), EITI International Secretariat, 5 p.

# Session 6. Application of Carbon Pricing to Reduce Climate-related Information Asymmetry (Germany/EU/World)

- OECD (2013), *Effective Carbon Prices*, OECD Publishing, 96 p.
- OECD (2016), *Effective Carbon Rates: Pricing CO2 through Taxes and Emission* <u>Trading System</u>, OECD Publishing, Paris, 168 p.
- Productivity Commission 2011, <u>Carbon Emission Policies in Key Economies</u>, Research Report, Canberra, 100 p.
- Vivid Economics, *The implicit price of carbon in the electricity sector of six major economies,* report prepared for The Climate Institute, October 2010, 100 p.
- OECD (2015), <u>The Faster Principles for Successful Carbon Pricing: An</u> <u>approach</u> <u>based on initial experience</u>. OECD, September 2015, 38 p.
- World Bank Group (2016), *State and Trends of Carbon Pricing*, Washington, 136 p.
- EU ETS Handbook. European Commission, 2015. 138 p.
- Sandor R., Joseph B. Cole and M. Eileen Kelly. Combating global warming. Possible rules, regulations and administrative arrangement for a global market in CO2 emission entitlements // Richard L. Sandor, Joseph B. Cole and M. Eileen Kelly. Part II. New York: UN, 1994. 105 p. (40/QT 800 C729)
- World Business Council for Sustainable Development (2016), <u>Emerging Practices</u> <u>in Internal Carbon Pricing: A Practical Guide</u>, WBCSD Leadership Program 2015, 28 p.
- I4CE (2016), *Internal Carbon Pricing. A Growing Corporate Practice*, Institute for Climate Economics, September 2016, 43 p.
- CDP (2016), *Embedding a Carbon Price into business strategy*, CDP, September 2016, 47 p.
- CDP (2015), *Putting a Price on Risk: Carbon Pricing in the Corporate World*, CDP Report 2015 v.1.2., September 2015, 66 p.
- CDP (2014), <u>Global Corporate Use of Carbon Pricing, Disclosure to Investors</u>, CDP, September 2014, 59 p.
- Elkington John (1999). Cannibals with forks. The Triple bottom line of the 21st century business // John Elkington. Oxford: Capstone Publ., 410 p. (324/QP 150 E43)
- Jed Emerson (2005). <u>Maximizing Blended Value Building Beyond the</u> <u>Blended Value Map to Sustainable Investing, Philanthropy and Organizations</u>, January 2005, 47 p.
- Steven Feit (2016). <u>Trillion Dollar Transformation. Fiduciary Duty, Divestment, and</u> <u>Fossil Fuels in an Era of Climate Risk</u>. Centre for International Environmental Law, September 2016, 33 p.
- Carbon Pricing Unlocked (2016). <u>Impact of a Global Carbon Price of Consumption</u> <u>and Value Creation. Implication for carbon pricing design</u>. November 2016, P. 9.

• CPLC (2016). What is the Impact of Carbon Pricing on Competitiveness? Executive Briefing, June 2016, P. 4.

# Session 7. Information Asymmetry and Green Bonds Market

- The World Bank (2015): <u>What are Green Bonds?</u> Washington DC, 58 p.
- <u>The Green Bonds Principles</u> (2017), The International Capital Market Association, June 2017, 6 p.
- <u>Climate Bonds Standards</u> (2017), The Climate Bonds Initiative, 16 p.
- T. Ehlers and F. Packer (2016), <u>Green Bonds certification, shades of green and</u> <u>environmental risks</u>, Bank for International Settlements, August 2016, 11 p.
- <u>The Climate Finance Accelerator completes the range of green finance actions in</u> <u>Luxembourg</u> (2017), The official portal of the Grand Duchy of Luxembourg.
- KPMG International (2015): <u>Sustainable Insight. Gearing up for green bonds. Key</u> <u>considerations for bond issuers</u>, KPMG, 12 p. OECD (2015). <u>Green bonds.</u> <u>Mobilizing the debt capital markets for a low-carbon transition.</u> <u>Policy</u> <u>Perspectives</u>, December 2015, 24 p.
- S. Kidnay, B. Sonerund, P. Oliver. (2015): <u>Growing a green bonds market in China.</u> <u>Key recommendations for policymakers in the context of China's changing financial landscape</u>. IISD/Climate Bonds Initiative, 2015, 40 p.
- Green Bond Principles, 2015. <u>Voluntary Process Guidelines for Issuing Green</u> <u>Bonds</u>, International Capital Market Association, 2015, – 6 p.
- Bonds and Climate Change. The State of the Market (2017), Climate Bonds Initiative, September 2017, 23 p.
- Institute for Climate Economics. (2016). <u>Beyond Transparency: Unlocking the Full</u> <u>Potential of Green Bonds</u>. Paris, June 2016, 6 p.

# Session 8. Urban Climate Finance

- Schwarze, R.; Meyer, P.B. and Markandya, A. (forthcoming), Economics, Finance and the Role of the Private Sector; Chap. 7. of the 2nd Assessment
- Report "Climate Change in Cities" (ARC3-2) of the Urban Climate Change Research Network, Columbia Univ. / New York, Paris and Rio de Janeiro (*available from the lecturers*).
- Colenbrander, S, Lindfield, M, Lufkin, J and Quijano, N (2018). <u>Financing low-carbon, climate-resilient cities</u>. *Coalition for Urban Transitions*. London and Washington, DC, 44 p.
- <u>Financing climate action: opportunities and challenges for local and regional</u> <u>authorities</u> (2017), European Committee of the Regions, Brussels, 63 p.

- <u>The State of City Climate Finance</u> (2015), Cities Climate Finance Leadership Alliance, 65 p.
- S. Ohshita, L. Price, N. Zhou, N. Khanna, D. Fridley, X. Liu (2015). <u>The role of Chinese cities in greenhouse gas emission reduction</u>. <u>Briefing on urban energy use and greenhouse gas emissions</u>, Stockholm Environment Institute, September, 19 p.
- <u>The state of city climate finance</u>. Climate Finance Leadership Aliance, 2015, 65 p.
- S. Barnard. Climate finance for cities (2015). <u>How can international funds best</u> <u>support low carbon and climate resilient urban development?</u> *Working Paper 419*, Overseas Development Institute, 27 p.
- <u>Cities and Climate Change. National governments enabling local action</u> (2014). OCDS Publishing, Paris, September, 19 p.
- A. Gouldson, S. Colenbrander, A. Sudmant, N. Godfrey, J. Millward-Hopkins, W. Fang and X. Zhao (2015). <u>Accelerating Low-Carbon Development in</u> <u>the World's Cities</u>. *Working Paper*, The New Climate Economy, 38 p.
- <u>Localizing Climate Finance, Mapping Gaps and Opportunities, Designing Solutions</u> (2017), Climate Finance Leadership Alliance, 64 p.
- Ilmi Granoff, Darius Nassiry, Neil Bird, Christopher Humphrey, Paddy Carter, Alberto Lemma and Annalisa Prizzon (2017), <u>Six development nance proposals to</u> <u>expand climate investment</u>, *Overseas Development Institute*, 17 p.

# Session 9. Green Financial Policy

- Panofer T., Druce L., Dere F., Gupta S., Sterner L. (2014). <u>Delivering the green</u> <u>economy through financial policy</u>. Technocal Paper, March 2014, Frankfurt School of Finance & Management – UNEP Centre for Climate & Sustainable Energy Finance, 85 p.
- <u>Roadmap for a Sustainable Financial System</u> (2017), UN Environment and The World Bank Group, 102 p.
- <u>Financing a Sustainable European Economy. Final Report 2018 by the High-Level</u> <u>Expert Group on Sustainable Finance</u>. Secretariat provided by the European Commission, 99 p.
- COM (2018) 97 final. <u>Communication from the Commission. Action Plan:</u> <u>Financing Sustainable Growth</u>, Brussels, 8.3.2018.
- HU An-Gang (2016), <u>The Five-Year Plan: A new tool for energy saving and</u> <u>emissions reduction in China</u>, Advances in Climate Change Research 7 (2016), P. 222-228.
- <u>Guidelines for establishing the green financial system</u>. ChinaDaily.

- People's Bank of China, United Nations Environment Programme (2015). <u>Establishing China's Green Financial System</u>. Report of the Green Finance Task Force, 38 p.
- CCICED (2016). <u>China's Green Finance Reform</u>, 26 p.
- MATTM & United Nations Environment Programme (2017). *Financing the Future*. Report of the Italian Dialogue on Sustainable Finance, 10 p.
- UNEP (Simon Zadek and Nick Robins): <u>MOVING FROM MOMENTUM TO</u> <u>TRANSFORMATION IN A TIME OF TURMOIL</u>, 2016, 18 p.

# Session 10. Climate Insurance

- The Global Risks Report 2018, 13<sup>th</sup> Edition, The World Bank Gourp, 67 p.
- D. Porrini, R. Schwarye (2011), <u>Defining insurance models within climate change</u> <u>European policies</u>, *Centro Euro-Mediterraneo per I Cambiamenti Climatici*, Research Paper Issue RP0116, 20 p.
- M. Golnaraghi (2018), <u>Climate Change and the Insurance Industry: Taking Action</u> <u>as Risk Managers and Investors. Perspectives from C-level</u> <u>executives in the</u> <u>insurance industry</u>, *The Geneva Association*, 44 p.
- <u>Synthesis Report on Disaster Risk Reduction and Climate Change Adaptation in</u> <u>Germany</u> (2016), DKKV-Schriftreihe 56, 75 p.
- <u>Climate change threatens ability of insurers to manage risk</u>, The Guardian, 7 December 2016.
- Kahn M.E., Casey B., Jones N. (2017). <u>*How the Insurance Industry Can Push Us to Prepare for Climate Change*</u>, Harvard Business Review.
- Miller A., Swann S. (2016). *Innovative Insurance to Manage Climate Risks*, EMCompass.
- Medland D. (2017). <u>Banks And Insurers Support Task Force</u> <u>Recommendations On Climate-related Financial Disclosure</u>, Forbes.
- Harting R.H. (2015). <u>Insurance and Reinsurance Markets</u>, Insurance Information Institute, March 2015.
- Birgit Müller, Leigh Johnson, David Kreuer: <u>Maladaptive outcomes of climate</u> <u>insurance</u> in <u>agriculture</u>: <u>Global</u> <u>Environmental</u> <u>Change</u>, https://doi.org/10.1016/j.gloenvcha.2017.06.010
- Hufe, S. (2017): <u>Klimaversicherungen. In der Landwirtschaft häufig nicht zu Ende</u> <u>gedacht</u>. UFZ-Forscher zeigen Fehlentwicklungen und geben Empfehlungen für Verbesserungen. Pressemitteilung vom 25. September 2017.

# Session 11. Market-based instruments to tackler greenhouse gases from international aviation and shipping

- Naya Olmer, Bryan Comer, Biswajoy Roy, Xiaoli Mao, and Dan Rutherford (2017), <u>Greenhouse Gas Emissions from Global Shipping, 2013-2015</u>, *The International Council on Clean Transportation*, 27 p.
- Genç sü, I. and Hino, M., 2015, <u>Raising Ambition to Reduce International Aviation</u> <u>and Maritime Emissions</u>. *Contributing paper for Seizing the Global Opportunity: Partnerships for Better Growth and a Better Climate*. New Climate Economy, London and Washington, DC, 24 p.
- <u>Maritime Carbon Compliance</u>. Are you ready for mandatory CO2 emissions reporting? (2015), PwC, 4 p.
- <u>Emission Reduction Targets for International Aviation and Shipping</u> (2015), Study for the ENVU Committee, European Parliament, 48 p.
- <u>Shipping and Climate Change: Where we are and which way forward</u>? *Policy Brief*, International Transportation Forum, October 2015, - 5 p.
- Niven Winchester (2017), <u>A Win-Win Solution to Abate Aviation CO2</u> <u>Emissions</u>, *MIT Joint Program on the Science and Policy*, 10 p.
- ICAO (2013): <u>Report on Geographic Scope of MBMs</u>, <u>Analysis of proposed</u> <u>approaches for the coverage of international aviation emissions under a marketbased measure</u>, July 2013, 9 p.
- Keen, Michael; Parry, Ian; Strand, Jon (2012): <u>Market-Based Instruments for</u> <u>International Aviation and Shipping as a Source of Climate Finance.</u> World Bank-Policy Research Working Paper WPS5950, 69 p.
- <u>Schwarze, R. (2017): CORSIA. Augenwischerei. Wirtschaftsdienst 97. Jg. (Heft 7),</u> p. 456-457.

# Session 12. Blockchain Technology and Climate Finance Related Information Flows

- Five ways banks are using blockchain. *Financial Times.* URL: https://www.ft.com/content/615b3bd8-97a9-11e7-a652-cde3f882dd7b
- Garrick Hileman & Michel Rauchs (2017), <u>Global Blockchain Benchmarking Study</u>, Cambridge Centre for Alternative Finance, 119 p.
- <u>Blockchain in the financial services industry</u> (2016), Business white paper, Hewlett Packard Enterprise, 10 p.
- R. Lewis, J. McPartland, and R. Ranjan (2017), <u>Blockchain and financial market</u> <u>innovation</u>, *Economic Perspectives / 7/2017*, Federal Reserve Bank of Chicago, 13 p.

- Nouriel Roubini, Preston Byrne (2018), <u>The Blockchain Pripe Dream</u>, *Project Syndicate*.
- <u>Blockchain an opportunity for energy producers and consumers</u>? (2016), PwC, 45 p.
- <u>Use Cases for Blockchain Technology in Energy & Commodity Trading</u> (2017), PwC, 19 p.