



Försättsblad Prov Original

Kurskod	Provkod	Tentamensdatum
M X 0 2 1 A	T E N T	2 0 1 8 - 0 3 - 2 7
Kursnamn	Miljövetenskap AV, Styrning för hållbar utveckling	
Provnamn	Tentamen	
Ort	Östersund	
Termin	V18	
Ämne	Miljövetenskap	



Course examination

Course name: Governance for Sustainable Development, 7,5 ECTS (MX021A)
Date and time: 2018-03-27
Coordinator: Anna Longueville, 010-142 86 61
Support: Language dictionary

Your personal code must be written on each sheet of paper that you hand in. You must clearly state the **number of the question you are answering on the paper**. Please answer each question (1, 2, 3 etc) on **separate sheets of paper**, and finally also number each page before you hand in your answers (so we can see that no page is missing when we correct the exam).

Write clearly so we can read your text.

Good luck!

Maximum score 50 points. Minimum required score to pass 25 points.

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Question 1 (7 points)

Environmental control systems can be described as three filters. Explain this theory.

Question 2 (9 p)

Describe and discuss the three main approaches for environmental control.

- The precautionary BAT approach
- The environmental quality approach
- The dual or parallel approach

Question 3 (8 points)

Westerlund describes legal operationalisation of environmental goals as “the curse of deficits”.

Describe this implementation deficiency theory. What causes the implementation losses?

Question 4 (10 p)

Implementation planning and adaptive development planning are two categories of environmental planning. Describe these two concepts with examples and discuss problems related them.

Question 5 (16 p)

The literature list for this course (attached) contains a number of articles. Choose at least three of these and:

- Briefly describe what the articles are about and what the central message is.
- Relate the chosen articles to each other.
- Describe how they relate to the reasoning of the Environmental Law Methodology.
- End the answer by making your own comments.

Literature 2018, Governance for Sustainable Development, MX021A

Author(s)	Title and publishing information	
Buhmann, K. & Nathan I.	<i>Plentiful forests, happy people? The EU's FLEGT approach and its impact on human rights and private forestry sustainability schemes. Nordic Environmental Law Journal</i> 2012:2. (31 pp)	13 Feb Nathan
Carlman I. & Westerlund S.	<i>The Notion of a NIMBY Syndrome and Its Possible Significance for Professional Publicophobia – with Special reference to Nuclear Waste Issues Second International symposium on Ionizing Radiation</i> May 10-14, 1999. (5 pp)	30 Jan Anna
Carlman, I.	<i>Do not Miss the Forest for all the Trees. Nordisk miljörättslig tidskrift [Nordic Environmental Law Journal]</i> 2010:1. (10 pp)	30 Jan Petra
Carlman, I. et al.	<i>Models and methods as support for sustainable decision-making with focus on legal operationalisation Ecological Modelling.</i> 2015. (6 pp)	ALL 20 March
Carlman, I.	<i>Instruments for Sustainable Development.</i> 2016, in Friendbook to Inga Carlman.	ALL 20 March
Costanza, R. et al.	<i>The value of the world's ecosystem services and natural capital.</i> Nature. 1997. (8pp)	ALL Economy seminar 8 March
Daly, H.E.	<i>Uneconomic Growth: in Theory, in Fact, in History, and in Relation to Globalization Beyond Growth.</i> Clements Lecture series 11 at Saint John's University, October 25, 1999. Collegeville, Minnesota, USA (14 pp)	ALL Economy seminar 8 March
Daly, H.E.	<i>Economics in a full world. Scientific American,</i> September 2005, Vol. 293, Issue 3 (6 pp)	ALL Economy seminar 8 March
Daly, H.E.	<i>A Steady-State Economy.</i> Paper presented to the UK Sustainable Development Commission, April 24, 2008.	ALL Economy seminar 8 March
Ebbesson, J.	<i>Public participation and privatisation in environmental matters: an assessment of the Aarhus convention</i> www.erasmuslawreview.nl Erasmus Law Review, Volume 4, Issue 2 2011. (18 pp)	6 Feb Judith
Erlich, P.R. and Erlich, A.H.	<i>The value of biodiversity.</i> Pages 97-117, in Mähler and Dasgupta (eds.) <i>Environmental and emerging development issues.</i> Clarendon Press, 1997. (20pp)	1 Feb Lea
Hardin, G.	<i>The tragedy of the commons.</i> Science 162:1243-1248 1969. (10pp) http://www.geo.mtu.edu/~asmayer/rural_sustain/governance/Hardin%201968.pdf	30 Jan Lisa

Jóhannsdóttir A.	The Current framework for International Governance of Biodiversity: Is It doing More Harm Than Good? <i>Review of European Community and International Environmental Law</i> (Reciel) 19 (2) 2010. (10 pp)	1 Feb Lea
Jóhannsdóttir A.	A few comments on the Paris Agreement. High hopes but slim possibilities? 2016, in <i>Friendbook to Inga Carlman</i> . (7 pp)	6 Feb Raphaël
Murphy K.	The social pillar of sustainable development: a literature review and framework for policy analysis Winter 2012 Volume 8 Issue 1; (11 pp) http://sspp.proquest.com/static_content/vol8iss1/1008-041.murphy.pdf	8 Feb Nathan
Pisano U. et al	Sustainable development governance & policies in the light of major EU policy strategies and international developments , 2012. (43 pp) http://www.sd-network.eu/?k=quarterly%20reports&report_id=22	8 Feb Jeroen
Rakhyun, E.K. & Bossleman, K.	International Environmental Law in the Anthropocene: Towards a Purposive System of Multinational Environmental Agreements <i>Transnational Environmental Law</i> 2:2 (2013) pp 285-309 (24 pp)	8 Feb Lisa
Rebinder, E.	Obstacles to national implementation of the convention on biological diversity. Pages 375-385 in <i>Fågelperspektiv på rättsordningen</i> . Iustus förlag, 2002. (10 pp)	1 Feb Jeroen
Stavins, R.N.	Lessons from the American experiment with market-based environmental policies. In J. Donahue and J. Nye, (Eds.) <i>Harnessing the Hurricane: The Challenge of Market-Based Governance</i> , Brookings Institution Press, Forthcoming 2002. (17 pp)	13 Feb Anna
UN's economic commission for Europe	The Aarhus convention - An implementation guide 2014 http://www.unece.org/env/pp/implementation_guide.html pp 9-73 (64pp)	6 Feb Judith
Westerlund, S.	Sustainable balancing. Page 405, in P. Vihervuori, K. Kuusiniemi and J. Salila (eds.) <i>Juhlajulkaisu Erkki J. Hollo</i> . Helsingfors, Finland, 2000. (20 pp)	15 Feb Anna & Petra
Westerlund, S.	Fundamentals of environmental law methodology. Chapters 10-17 and 22. 2016. https://uu.diva-portal.org/smash/get/diva2:903401/FULLTEXT01.pdf	ALL
Winter, G.	Dangerous Chemicals: A Global Problem on Its Way to Global Governance. In <i>Führ et al (eds.) Umweltrecht und Umweltwissenschaft. Festschrift für EckardRehbinder</i> . Ehrlisch Schmidt verlag, (14 pp)	13 Feb Petra
Winter, G.	A Fundament and Two Pillars in <i>Sustainable Development in International and National law</i> , Europa Law publishing 2009. (18 pp)	15 Feb Raphaël