



# Advanced Social Network Analysis Seminar Series - III/2017

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Who?	Marlene Kammerer, University of Zurich Paula Castro, University of Zurich
What?	The politicization of the climate: How and why has the Annex I–non-Annex I division affected negotiations under the climate change regime?
When?	October, 30, 2017; 14:30 - 15:30
Where?	D24, Eawag, main building

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## Seminar Details

Many multilateral environmental agreements include differentiated rules for groups of countries, based on the recognition of their different circumstances or contribution to the problem addressed. Under the United Nations Framework Convention on Climate Change, such differential treatment was operationalized as a rigid division of the world between the Annex I countries with emission reduction targets and the non-Annex I countries without them. In this article, we aim (i) to measure to what extent the institutional split of UNFCCC parties into these two groups led to broadening polarization in the negotiations, beyond the countries' actual preferences; and (ii), to elucidate whether interest-based or rather socialization-related causal mechanisms led to such division. We draw on a new dyadic dataset recording agreements and disagreements in positions of country pairs over time, coded from summaries of the climate negotiations between 1995 and 2013. The analysis is conducted using a Relational Events Model, which combines event history analysis with social network analysis. Our findings support the idea that the institutional division of UNFCCC parties into Annex I and non-Annex I countries has indeed led to a polarization between these two groups in the negotiations. Given that the effect is stronger for discussions about mitigation and other topics underlying the Annex I - non-Annex I division, the results are consistent with an interest-based explanation for such division. The socialization hypothesis - that group identity becomes stronger over time - seems to be supported only for the group of non-Annex I countries.

## **Aim of the Seminar Series**

The Seminar Series' aim is to foster the exchange among SNA scholars in the region and discussing SNA methods and recent developments. The idea is that each of us has the opportunity to present her/his current work in an informal setting and to get feedback from the other participants. We aim at presenting early-stage research as well as papers ready to submit. In cases where a paper already exists, the manuscript should be circulated in advance in order to enable people to read it. Please let us know if you are interested in attending the meeting so we can put you on the mailing list. Also don't hesitate to inform us if you would like to present your own work or have an idea of a person/research group to invite. Finally, please circulate the invitation to people who might be interested.

The seminars are organized by Karin Ingold, Manuel Fischer, Philip Leifeld and Laurence Brandenberger. For more information, please contact [laurence.brandenberger@eawag.ch](mailto:laurence.brandenberger@eawag.ch).

# Directions to Eawag

**Public Transport:** From Zurich Main Station (HB): S-train (S3, S9, S12) to Stettbach, change to tram 12, exit at 'Giessen'.

From Zurich Oerlikon: train S14 to Dübendorf, change to bus 760, exit at 'Empa'.

From Zurich-Airport: tram 12, exit at 'Neugut' or 'Giessen'.

**By car:** Motorway A1, exit Dübendorf, to the right towards Dübendorf, 300 meters after the major crossing turn left into the Eawag-Empa premises at Überlandstrasse 133, 8600 Dübendorf.

