

## Introduction to Social Sciences for Natural Scientists

### Curriculum

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	Topic	Details	Date & Speaker
<b>Part II: Autumn 2021</b>  <i>Special topics</i>	-	Measuring and analyzing human well-being with household surveys in the context of climate change	06 September 2021 - Dr. Kati Krähnert
	Modeling	Model development and model use in a social context	13 September 2021 - Dr. Lieke Melsen
	Qualitative Data	How to craft strong academic arguments from qualitative data	11 October 2021 - Prof. Dr. Gretchen Bakke
	Gender perspective	Transdisciplinary Research on 'Gender' in Science, Technology, and Society	8 November 2021 - Prof. Dr. Petra Lucht
	Research ethics	Research ethics in the social sciences	November/December - Dr. Flavio D'Abramo
	Communication	How to handle social discourses and media reporting geo research; communication of risk to the public	tbc
<b>Part I: Spring / Summer 2021</b>  <i>Basics</i>	Introduction	Why Social Sciences for Natural Scientists? Key philosophical issues in social research (ontology, epistemology, ...) Research Design Issues	14 April 2021 - Prof. Dr. Jörg Niewöhner
	Differences in quantitative/qualitative research	Difference between qualitative and quantitative methods/research within the social sciences	26 April 2021 - Jorge Vega Marrot
	Quantitative research	Meeting half way? Quantification of socio-economic dimensions for climate change research	3 May 2021 - Marina Andrijevic

	Qualitative research	Introduction to principles and processes of qualitative research in social sciences (data collection, analysis, writing up)	31 May 2021 - Dr. Cecilie Friis
	Mixed methods	Sampling Socionatures: Multifarious lifeworlds, multiple methods	07 June 2021 - Beril Ocaklı
	How to work interdisciplinary	How to work inter- and transdisciplinary - Personal experiences from cases in fisheries science	21 June 2021 - Prof. Dr. Robert Arlinghaus

*As of 13th October 2021*