

## Introduction to Social Sciences for Natural Scientists

### Tentative 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	06 September 2021 - Dr. Kati Krähnert
	Modeling	What is a model and what are the limits of modelling: social processes influencing the construction and use of a model	13 September 2021 - Dr. Lieke Melsen
	Research ethics	Research ethics in the social sciences	tbc
	Gender perspective	Gender perspectives in the social sciences	tbc
	Qualitative Data	How to craft strong academic arguments from qualitative data	tbc - Prof. Dr. Gretchen Bakke
	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 20th August 2021*