

Workshop 1 Agricultural and Food Policy: Foundations and Theories**Date** 12.09.2021 – 16.09.2021**Teaching team** Khalid Siddig, Zuhail Elnour and Ferike Thom

No	Date	Day	Time	Theme and teaching objective
1	12.09.2021	Sunday	09:00 – 10:30	Welcome and introduction: course structure and content
			11:00 – 12:30	Introduction to policy analysis
			14:00 – 15:30	Methods of policy analysis
			16:00 – 17:30	Microeconomic foundations of demand systems
2	13.09.2021	Monday	09:00 – 10:30	Microeconomic foundations of supply systems
			11:00 – 12:30	Market equilibrium
			14:00 – 15:30	Elasticities of demand and supply
			16:00 – 17:30	Market structure: perfect and imperfect competition
3	14.09.2021	Tuesday	09:00 – 10:30	Welfare economics and the efficiency of markets
			11:00 – 12:30	Distribution of welfare
			14:00 – 15:30	Policy instruments: tariffs, import quotas, and tariff-rate quotas
			16:00 – 17:30	Policy instruments: subsidies and price controls
			19:00 – 20:30	Public cultural lecture
4	15.09.2021	Wednesday	09:00 – 10:30	Policy instruments: price stabilization
			11:00 – 12:30	The measurement of agricultural support
			14:00 – 15:30	The measurement of the effects of policy intervention
			16:00 – 17:30	Evaluation of week 1 st of the course
5	16/09/2021	Thursday	09:00 – 12:00	Public lecture: Contemporary challenges to the economy and agriculture in Sudan: what can economy-wide models contribute?

Workshop 2 Quantitative Analysis of Policies with Partial Equilibrium Models**Date** 19.09.2021 – 23.09.2021**Teaching team** Jonas Luckmann, Zuhail Elnour and Ferike Thom

No	Date	Day	Time	Theme and teaching objective
6	19.09.2021	Sunday	09:00 – 10:30	Introduction to policy simulation modeling
			11:00 – 12:30	Introduction to partial equilibrium models
			14:00 – 15:30	Price and quantity systems in partial equilibrium modelling
			16:00 – 17:30	PC-LAB: Introduction to GAMS
7	20.09.2021	Monday	09:00 – 10:30	Public lecture: To vocationalize or not to vocationalize? Impacts of agricultural vocational education and training in Sudan
			11:00 – 12:30	
			14:00 – 15:30	PC-LAB: Gum Arabic market model in GAMS
			16:00 – 17:30	PC-LAB: Gum Arabic market model: simulation of border policies
8	21.09.2021	Tuesday	09:00 – 10:30	PC-LAB: Gum Arabic market model: simulation of subsidy changes
			11:00 – 12:30	Interpretation and discussion of the model results
			14:00 – 15:30	PC-LAB: Gum Arabic market model: welfare analysis
			16:00 – 17:30	Germany's food and drink culture
9	22.09.2021	Wednesday	09:00 – 10:30	PC-LAB: Extension to multiple products model
			11:00 – 12:30	Interpretation and discussion of the model results
			14:00 – 15:30	- Limitations of PE models - Overview of available PE models
			16:00 – 17:30	Evaluation of week 2 nd of the course
10	23.09.2021	Thursday	09:00 – 12:00	Economics of Nile river basin management: competition or cooperation

Workshop 3 Quantitative Analysis of Policies with General Equilibrium Models**Date** 26.09.2021 – 30.09.2021**Teaching team** Harald Grethe, Zuhail Elnour and Ferike Thom

No	Date	Day	Time	Theme and teaching objective
11	26.09.2021	Sunday	09:00 – 10:30	Introduction to social accounting matrices
			11:00 – 12:30	Introduction to CGE modeling
			14:00 – 15:30	
			16:00 – 17:30	Prices and accounting identities in CGE modeling
12	27.09.2021	Monday	09:00 – 10:30	PC-LAB: A basic 2 sector CGE model
			11:00 – 12:30	- Model setup and calibration
			14:00 – 15:30	- Market clearing and macroeconomic closures in CGE
			16:00 – 17:30	PC-LAB: Policy experiments in a basic 2 sector CGE model
13	28.09.2021	Tuesday	09:00 – 10:30	PC-LAB: Extension of the basic 2 sector CGE model
			11:00 – 12:30	PC-LAB: A basic 1*2*3 open economy CGE model
			14:00 – 15:30	PC-LAB: Policy experiments in a basic 1*2*3 open economy CGE model
			16:00 – 17:30	Interpretation and discussion of model results
			19:00 – 20:30	Cultural event: Germany: land of culture
14	29.09.2021	Wednesday	09:00 – 10:30	PC-LAB: A basic 1*2*3 open economy CGE model with real-world data
			11:00 – 12:30	Policy simulation in a 1*2*3 open economy CGE model with real-world data with a discussion of the results
			14:00 – 15:30	- Limitations of general equilibrium models
			16:00 – 17:30	- Overview of available models
15	30.09.2021	Thursday	09:00 – 12:00	Evaluation of the 3 rd week of course
				Public lecture: Can scientific policy advice contribute to practical agricultural and food policy design? Experiences from Germany

