

## Summer school Environmental Epidemiology 2023

Week	Start day	Start date	Start time	End time	Type	Description	Instructor(s)
1	Mon	26-6-2023			Self-study	Basic papers environmental epidemiology, Basics of exposure assessment, Example paper	
1	Tue	27-6-2023	10:00	11:00	Class	Introduction to the course and to Environ Epi	Ulrike Gehring
1	Tue	27-6-2023	11:15	12:15	Active class	Papers exposure assessment and environmental epidemiology	Ulrike Gehring
1	Tue	27-6-2023	12:30	13:00	Class	IRAS lunch seminar	
1	Tue	27-6-2023	13:15	14:15	Active class	Example paper	Ulrike Gehring
1	Tue	27-6-2023	14:15		Self-study		
1	Wed	28-6-2023	09:30	11:00	Class	Analysis of exposure-response functions	Gerard Hoek
1	Wed	28-6-2023	10:45	11:45	Active class	Time series paper: Qiao et al. Time series analysis of air pollution and heat	Ulrike Gehring
1	Wed	28-6-2023	13:00	14:30	Computer exercise	Time series analyses outdoor air pollution and mortality	Gerard Hoek
1	Wed	28-6-2023	14:30		Self study		
1	Thu	29-6-2023	10:00	11:00	Class	Exposure-time-response relationships	Lützen Portengen
1	Thu	29-6-2023	11:15	12:15	Active class	Discussion of case-crossover designs	Gerard Hoek
1	Thu	29-6-2023	13:00	14:30	Computer exercise	Analysis of individual level panel studies	Ulrike Gehring
1	Thu	29-6-2023	14:30		Self study		
1	Fri	30-6-2023	09:30	11:00	Class (and computer exercise)	Geographical methods in air pollution exposure assessment; time-activity patterns and air pollution exposure	Jules Kerckhoffs
1	Fri	30-6-2023	11:15	12:15	Active class	Air pollution exposure and lung function: accounting for time-activity patterns	Jules Kerckhoffs
1	Fri	30-6-2023	13:00	14:30	Class	EMF and health (study designs and evidence)	Anke Huss
1	Fri	30-6-2023	14:30		Self study		

Week	Start day	Start date	Start time	End time	Type	Description	Instructor(s)
2	Mon	3-7-2023	09:30	11:00	Active class	Incorporating measurement error in epidemiological analyses	Gerard Hoek
2	Mon	3-7-2023	11:15	12:15	Computer exercise	Measurement error in exposure (time series example)	Ulrike Gehring
2	Mon	3-7-2023	13:00	15:00	(Active) Class	Pesticide exposure assessment: methods and implications for epidemiology	Daniel Figueredo
2	Mon	3-7-2023	15:00		Self study		
2	Tue	4-7-2023	09:30	10:30	Class	Berkson-like measurement error	Lützen Portengen
2	Tue	4-7-2023	10:30	11:15	Self-study		
2	Tue	4-7-2023	11:15	12:15	Class	Evidence synthesis	Gerard Hoek
2	Tue	4-7-2023	12:30	13:00	Class	IRAS lunch seminar	
2	Tue	4-7-2023	13:15	15:15	Class & computer exercise	Introduction to causal modeling including DAGs	Lutzen Portengen & Wenxin Wan
2	Tue	4-7-2023	14:45		Self study		
2	Tue	4-7-2023	17:00			Opening UU Summer School 2023, Centraal Museum Utrecht	
2	Wed	5-7-2023	09:30	10:30	Active class	Green space and cognitive function	Ulrike Gehring
2	Wed	5-7-2023	10:45	11:45	Active Class	Planetary health	Anke Huss
2	Wed	5-7-2023	11:45	13:00	Self study		
2	Wed	5-7-2023	13:00	14:00	Active class	Statistical Approaches to Address Multi-Pollutant Mixtures and Multiple Exposures	Gerard Hoek
2	Wed	5-7-2023	14:00		Self-study	Work on group presentations	
2	Thu	6-7-2023	09:30	10:30	Class	Environmental psychology and resilience in the face of natural hazards: risk perception, place attachment and behavioral choices	Silvia Ariccio
2	Thu	6-7-2023	10:45	11:45	Active class	Meta-analysis vs pooled analysis	Ulrike Gehring
2	Thu	6-7-2023	12:00	13:00		Lunch with all course participants	Ulrike Gehring
2	Thu	6-7-2023	13:00	15:00	Class	Group presentations (~3 students): recent environmental epidemiology papers (students' choice)	Ulrike Gehring
2	Fri	7-7-2023			Self study	Working on essay (review of recent paper). Deadline Friday July 7, 23.59 CEST	