

Course Name	Topics in Environmental Health
Course Number	OATHF34
Credits	1.0 Credits
Adaptation years	1, 2 Year
Class hold days	SprA Mon3,4
Instructor	Satbyul KIM
Overview	Understand the basics of environmental epidemiology and acquire knowledge of environmental health issues such as the health effects of climate change.
Remarks	Lectures are conducted in English. Online (Synchronous)
Course Type	lectures
Relation to Degree Program Competences	Core area 5 of public health sciences: an ability for application of environmental health sciences skills to apply basic knowledge relating to environmental health sciences
Course Objectives (Learning Outcomes)	Be able to describe fundamental environmental health issues (Food contamination, Air pollution, Second-hand Smoke, Radiation, Health impacts of climate change, etc.).
Class Schedule	1. Second-hand smoke 2. Health impacts of climate change and air pollution 3. Food contamination/ Study designs and measures of association 4. Radiation 5. Special session
Course Prerequisites	NA
Grading Philosophy	A comprehensive evaluation by class participation (50%) and presentation (50%).
Course Hours Breakdown and Out-of-Class Learning	
Textbooks, References, and Supplementary Materials	Rothman KJ. Epidemiology: An Introduction, 2nd ed. Oxford UP, 2012. (翻訳書あり) Frumkin H (ed) Environmental Health: From global to local. 2nd ed., Jossy-Bass, 2010.
Office Hours and Contact Information	Advance notice required. E-mail: kim.estella.ge@u.tsukuba.ac.jp Office Location: GSI 408, Phone Number (Ext.): 7621
Other (Behavioral expectations and points to note for students during coursework)	Students must read the required reading. Participation in discussion is expected to this class.
Relation to Other Courses	
Teaching Fellow and/or Teaching Assistant	

Course Keywords	Environmental epidemiology, Planetary health, Global health
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