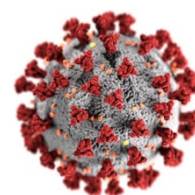


Introduction to infectious disease epidemiology and modelling, 7/28-8/4

As the COVID-19 pandemic has highlighted, expertise in infectious disease epidemiology is attracting greater attention in today's global health. Infectious disease epidemiology is a highly specialised domain that handles 'dynamics'—the source of all the uniqueness of this subject. This introductory course will explore basic ideas and principles in infectious disease epidemiology. Where necessary, mathematical models will be used to guide understanding of the dynamical nature of outbreaks. The course is NOT designed to train you as a modeller, but to rather equip you with languages to communicate/collaborate with them in your future career. Interest, not skills, in use of math for epidemiology is a prerequisite.

Date and Time (detailed timetable TBA):

7/28 (Mon.)	12:50-17:40
7/29 (Tue.)	10:30-17:40
7/30 (Wed.)	10:30-17:40
7/31 (Thu.)	10:30-17:40 *18:00- Networking event
8/1 (Fri.)	10:30-17:40
8/4 (Mon.)	8:50-12:00



Venue: 1F room L, Global Health General Research Building, Sakamoto Campus, Nagasaki University

Target audience: Students and staff affiliated with AMED-SCARDA Centre universities (Nagasaki U, Hokkaido U, UTokyo, Chiba U, Osaka U) and support institutions* or JIHS staff interested in infectious disease epidemiology and/or modelling. External participants may also be invited (contact organiser).

*Anyone affiliated with these intuitions are eligible, regardless of involvement with the SCARDA programme

Course format: In-person lectures and group work.

Lecturers: Akira Endo (Nagasaki University/National University of Singapore), Fuminari Miura (NU/National Institute for Public Health and the Environment, Netherlands), Alexis Robert (NU/London School of Hygiene & Tropical Medicine), Simon Procter (LSHTM), Sungmok Jung (NU/University of North Carolina, Chapel Hill), Arata Hidano (NU/LSHTM), Ryo Kinoshita (National Institute of Infectious Diseases), Kaja Abbas (NU/LSHTM), Su Myat Han (NU), Yuki Furuse (University of Tokyo), Kiesha Prem (NUS/LSHTM), John Edmunds (LSHTM), Claire Smith (UNC), Laura Skrip (NU/LSHTM)

Course aims:

- Introduce key concepts in infectious disease epidemiology and modelling
- Discuss typical patterns of spread of different types of infections, what data are needed for public health decision making and pitfalls in understanding infectious disease data
- Showcase examples of what may happen in the initial phase of outbreak responses

Registration (deadline: 30 June: may close early if full): Please refer to the internal flyer or contact referrer for the form link. If you wish to attend but do not have a referrer, please send us an inquiry

Inquiry: <https://forms.office.com/r/Qznf5vyHHs>

