

Environmental health impact assessment using R

Introduction

This workshop aims at providing an introduction to environment and health impact assessment, with emphasis on practical implementation using R. The workshop is intended for practitioners of public health, environmental health and those with interests in health-related matters. The workshop will consist of presentations with embedded interactive practical sessions. Participants who have access to a laptop computer are encouraged to bring it to the workshop.

Presenters:

Gavin Shaddick, Professor of Data Science and Statistics, University of Exeter, UK
Matthew Thomas, PhD student, University of Bath

Timetable

| Time | Content |
|---------------|--|
| 13:00 - 13:10 | Introduction |
| 13:10 - 13:30 | Presentation: The health impacts of air pollution |
| 13:30 - 15:00 | Practical session: Estimating the health impacts of air pollution using R |
| 15:00 - 15:15 | Break |
| 15:15 - 15:30 | Presentation: Disease mapping |
| 15:30 - 17:00 | Practical: Mapping risks using R |

Workshop materials

Workshop materials will be made available through a website:

https://www.stat.ubc.ca/~gavin/STEPIBookNewStyle/course_iom.html