

Short course on Methods and Modelling in Environmental Health Research

Organized By

The Consortium for **C**limate, **H**ealth and **A**ir Pollution **R**esearch in **I**ndia (CHAIR-India) and **GEOHealth** Hub for Research and Capacity Building (GEOHealth HEALS)

May 29–June 2, 2023, 9:00 AM–5:00 PM, Delhi–NCR

Faculty **Dr. Siddhartha Mandal** PhD in Biostatistics, Senior Research Scientist, Centre for Chronic Disease Control

Dr. Dimple Kondal PhD in Biostatistics, Assistant Professor & Senior Biostatistician, Public Health Foundation of India

Objective This course will focus on learning and applying methods and models to assess the link between environmental exposures and health.

Course Outline

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| 1. Basics of Biostatistics and Epidemiology | 4. Analysis of longitudinal data |
| 2. Linear Models | 5. Survival Analysis |
| 3. Generalized Linear Models | |

Eligibility This course is designed for researchers with Postgraduate degrees in Public Health or related discipline, working in the area of environmental health and who want to deepen and extend their knowledge

Pre-requisites

- Knowledge in basic epidemiology & biostatistics along with working knowledge of R Statistical Package
- Prior to the course, enrollees will be sent an introduction to R package with exercises that will help participants get familiar with R
- During the course, methods will be illustrated using software, R. This is a hands-on course with a couple of hours each day devoted to carefully structured and supervised assignments.
- To do these exercises, you will need to bring your own laptop computer with a recent version of R.

Registration link [Click Here to Register!](#)

Application Deadline **12 Noon, April 30, 2023**

For more information: Please contact Ms. Anubрати Dutta <anubрати@ccdcindia.org>



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