

Block 1: Introduction to One Health and Zoonotic Diseases

Description	Format
Welcome and Introduction	Video and Slides
The global challenge of zoonotic diseases and the One Health concept	Video and Slides
One Health Connections: exploring overlooked connections	Video and Slides
One Health, rabies and India's National Biodiversity Mission	Video and Slides
Reflections on the talks	Video
Experiences, challenges and opportunities of working in One Health – Round up and reflection from original course attendees	Video and breakout session download
Learning outcomes and discussion for Block 2	Video
Operationalising the "One Health" approach in India	Supporting document
Operational Framework for Strengthening Human, Animal and Environmental Public Health Systems at their Interface	Supporting document
An Introduction to R	Supporting document

Block 2 – Day 1: Why and how modelling of zoonotic diseases can inform management

Description	
Welcome and review of Block 1 and learning outcomes	Video and Slides
Why One Health approaches to data, models and information systems?	Video and Slides
Why model zoonotic diseases?	Video and Slides
Linking health information systems and models for India: lessons from animal disease epidemiology	Video and Slides
What are the key barriers and facilitators of data analytics and models informing policy for zoonotic diseases	Breakout discussion summary video
Learning from modelling within Public Health and Animal Health outbreak responses	Panel discussion and breakout session summary

Block 2 – Day 2: Opportunities to link models, data and policy across sectors for better zoonotic disease management

Description	
Brief overview: Information systems, data sources across sectors for modelling of zoonotic diseases in India	Video and Slides
Discussion: Mapping out data sources across sectors and how models can link into current information systems - Key questions and data gaps for modelling different zoonotic diseases	Discussion summary video and Summary output Jamboard
Discussion: What are the key barriers and facilitators of data analytics and models informing policy for zoonotic diseases – When have zoonotic disease models linked to policy for India?	Discussion summary video and Summary output Jamboard

Block 3 – Day 1: Hands on Sessions

Description	
Lecture: Basic epi models & GIS	Video and Slides
Hands on: Basic epi models & GIS	Video and Slides

Block 3 – Day 2: Hands on Sessions

Description	
Risk factor analysis	Video and Slides
Hands on: Risk factor analysis	Video and Slides
Hands on: R as a GIS	Tutorial and Video

Block 3 – Day 3: Hands on Sessions

Description	
Lecture: Spatial statistics	Video and Slides
Lecture: Risk mapping for vectors & ZD	Video and Slides
Hands on: Spatial statistics	Tutorial and Video
Hands on: Risk mapping for vectors & ZD	Tutorial and Video

Block 3 – Day 4: Hands on Sessions

Description	
Lecture: Time series modelling	Video and Slides
Hands on: time series modelling	Tutorial

Block 3 – Day 5: Hands on Sessions

Description	
Mechanistic models for ZD	Video and Slides Exercise discussion video
Participatory session: Lessons learned, next steps for training/network, additional resources	Discussion summary video and Summary output Jamboard