

## Training on Spatial Analysis of Surveillance Data: Cluster Analysis

### PROGRAMME

Madrid, 1–2 March 2012

**National School of Public Health**

**Organised by**

National Institute of Public Health of Algeria  
National Centre of Epidemiology  
Health Institute Carlos III of Spain

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The Project is led by the Italian National Institute of Health and counselled by an Advisory Board composed by EC, ECDC, WHO and other international experts.

### TRAINING SESSIONS

**Facilitators:** *Diana Gomez Barroso, Rebecca, F. Simon*

#### DAY 4: SPATIAL ANALYSIS ON SURVEILLANCE DATA: CLUSTER ANALYSIS

9.00 – 9:30	Introduction to Spatial analysis
9:30 – 10:30	Spatial data
10.30 – 11.00	Break
11.00 –12.30	Geographic Information System (GIS)
12.30 –14.00	Lunch
14.00 –15.00	Generating spatial databases: Geographical coordinates and data tabulation
15.00 –15.30	Break
15.30 –17.00	Exercise

#### DAY 5: CLUSTER ANALYSIS

9.00 – 11.00	Space-time clusters
11.00 – 11.30	Break
11.30 –13.00	Exercise
13.00 –14.00	Lunch
14.00 –15.30	Presentation of results
15.30 –16.00	Break
16.00 –17.00	Evaluation of the training