

## Pre-conference workshop programme- ISEE-ISES-ISIAQ Conference 2013 19th August 2013

Name of the event:

### **Environmental Public Health Tracking: practical methods for priority setting and evaluation.**

#### **Details:**

Date: Monday, 19 August, 2013

From: 13:00 To: 16:00 Duration: 3 hours

Maximum number of participants: 30

Remarks: Round table discussion anticipated. Presentations will be followed by open discussions.

Attendance fee: 50 CHF

#### **Workshop leads:**

Dr Giovanni Leonardi, Head of Epidemiology, Centre for Radiation, Chemical and Environmental Hazards, Public Health England, UK,

Dr Lina Balluz, Chief of Environmental Public Health Tracking Branch, Centers for Disease Control and Prevention, USA,

Prof Jan Semenza, Office of the Chief Scientist, European Centre for Disease Control, Stockholm,

Dr Paolo Lauriola, Head of the Regional Thematic Centre "Environment and Health", ARPA Emilia Romagna, Italy.

#### **Summary**

EPHT is defined as the ongoing collection, integration, analysis, interpretation, and dissemination of data from environmental hazard monitoring, and from surveillance of human exposure and health effects.

The objective of this workshop will be to explore methodologies for developing tracking systems and components; e.g. approaches to hazard priority setting, evaluation of systems, and European network geoportals. The focus will be on developing national programmes and the challenges and experience on an international scale. The workshop will be used to initiate an international network for EPHT to share best practices and support development of systems and related studies.

#### **Programme:**

Each presentation will be followed by an open floor discussion of examples and experience.

13.00-13.20	1. The background to EPHT; methodological processes, data sources, collection and management (Panel- GL, LB, PL, JS- lead by Giovanni Leonardi). a. General overview- an international perspective b. Rationale for EPHT as part of a public health service
13.20-13.45	2. The implementation and evaluation of EPHT programmes (CDC- Lina Balluz). a. Background to EPHT in the US - initial priorities, implementation, and latest developments. b. NCEH (CDC) approach to evaluation of EPHT portals.

13.45-14.10	<p>3. The European Environment and Epidemiology (E3) Network Geoportal: a resource for geospatial analysis (ECDC- Jan C. Semenza).</p> <p>a. Monitoring epidemic precursors of infectious disease outbreaks (ECDC – Jan C. Semenza)</p> <p>b. E3 Geoportal description (ECDC – Bertrand Sudre)</p> <p>c. Specific projects supported by the E3 Geoportal (at regional and national levels).</p>
14.10-14.40	<p>4. Approaches to EPHT priority setting: documenting priorities for hazards to be included in a national EPHT (PHE- Mae Woods).</p> <p>a. A multi-criteria decision analysis support tool; a method and software tool for assessment of priorities</p> <p>b. Demonstration of tool involving audience participation.</p>
14.40-15.10	<p>5. The evaluation of health impacts in the vicinity of single point installations (ARPA Emilia- Paolo Lauriola).</p> <p>a. Role of environment and health monitoring in the vicinity of waste treatment plants (A. Ranzi, P. Angelini, E. Bedeschi)</p> <p>b. Role of environment and health monitoring in the vicinity of steel plants (G. Assennato)</p>
15.10-15.35	<p>6. The experience of developing environmental-health dimensions of routine surveillance data systems (InVS-Sylvia Medina).</p> <p>a. Complementarity between specific and syndromic surveillance in environmental health: some examples in France</p> <p>b. The Triple-S European project: Syndromic surveillance in Europe.</p>
15.35-16.00	<p>7. Actions for the future: EPHT plans and collaborative working (Panel- GL, LB, JS, PL).</p> <p>a. Round table discussion on EPHT progress at national levels</p> <p>b. Options for an international network on EPHT (surveillance, training, epidemiology)</p> <p>c. Conclusions and summary- plans for the future.</p>

#### Target Audience:

Environmental Public Health managers, scientists and epidemiologists interested in tracking environmental health hazards, the burden of diseases, surveillance of associated diseases, developing tools and systems for national surveillance, information systems, priority setting and evaluation of national programmes.

Key specialists will be invited to the workshop to contribute to sessions and the discussion. The focus will be on developing national programmes and the challenges and experience on an international scale.

#### Outcomes:

The workshop will be used to initiate an international network for EPHT to share best practices and support development of systems and studies. The audience of attendees at ISEE is well placed for members of this network.

#### Further Information:

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