A systemic approach of the links between geographical contexts and asthma

Populations' health differs from one place to another. Those differences may result from a variety of determinants' combinations. Some determinants are expressed at the individual level, others at a contextual level. This poster aims at exploring the concept of context from a geographical point of view.

Three levels of context are considered: local, urban and regional. A fourth one is also explored: the "spatial relations" context, which interlinks spatial units of same level or different levels. Contexts are characterized using socioeconomic, environmental, morphological, functional and urban dimensions. Each context creates a combination of dimensions for the populations' health. Intertwining of contexts is described, using a systemic approach.

A multiscale and multidimensional approach of asthma in western France

Women's and men's hospitalizations for asthma in western France are examined at the scales of postal districts, urban areas and employment zones. Spatial trends appear at all scales.