

SUSTAINABLE DEVELOPMENT AND AIR QUALITY IN THE CATANIA CITY WITHIN

M. Ferrante, R. Fallico, M. Fiore, V. Brundo, S. Sciacca

Anatomy, Diagnostic Patology, Legal Medicine and Hygiene and Public Health, Catania, Italy

The concept of sustainability, known like the set of relations between the human activities, their dynamics and the biosphere, with its dynamics, generally slower, previews that the variations brought to the nature from the human activities are within sure limits therefore not to destroy the total biophysical context. In this optical the norm that regulated several environmental compartments is developed passing from who pollutes pay, in years 60/70, to the emanation of limits, in years 70/80 (still not able to safeguard environment), to the maintenance of the quality, in years 80/90, that it has carried to the programming through environment, VIA, until to the actual concept of sustainable development. The National normative guidelines, therefore, pursuing the concept of sustainable development, have been those to place attention on important problems which the pollution measure and to data evaluating. This for the eventual reorganization of the city centres characterized from the presence of polluting in concentrations often incompatible with law limits. PM10, Benzene and IPA, giving serious damages to the population health, were particularly placed in attention. For such polluting the air quality of the city of Catania has had a progressive improvement, also still remaining in an attention situation that needs of measures and interventions to determining an ulterior emissions reduction, to assure attainment and respect in the time of the fixed law limits of security. All to also maintain a high state of air quality continuing to carry out the fundamental city activities.