

# **Economic valuation of morbidity from environmental pollution**

**Dominika Tóthová**

Department of Regional Economics and Administration; and Sustainability and Circularity  
Institute, Department of Public Economics  
Faculty of Economics and Administration, Masaryk University  
Lipová 41a, Brno, Czech republic

This lecture aims to introduce the various methods used to value health costs. In particular, the most widely used methodological approach - Willingness To Pay - based on individual preferences will be presented. The aim of this approach is to determine how much an individual is willing to pay to avoid a specific type of illness. The total value includes the costs associated with the treatment of the disease, the loss of earnings, the costs caused by activities aimed at averting the illness and the loss of comfort (benefit) caused by pain and suffering. However, part of the total value of the disease is also borne by the public sector. Also, it will be shown based on methods Cost of Illness, Cost of averting behaviour and contingent valuation, how to reflect the cost value of the disease from the perspective of individual and collective costs.