Risk assessment of indoor spaces – prevention of negative microclimatic, natural and anthropogenic influences

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The existing organization of the Croatian network of public health institutes represents a strong partner for the stakeholders in cultural sector during the ongoing climate change adaptation process and upgrade of their risk management system. Since health by WHO definition represents not merely the absence of disease or infirmity, but state of complete physical, mental and social well-being, prevention of negative impacts in our living and working environment represents obligation of many diverse sectors. Climate change, extreme weather and climate events have significant implications for society and sustainable development. Strengthening the cooperation of the public health system with other stakeholders, especially in the area of negative environmental impacts monitoring and development of innovative IT products and processes to develop the early warning systems is one of the Sendai Framework for Disaster Risk Reduction 2015-2030 targets. Appropriate disaster risk management and adaptation to climate change can reduce exposure and vulnerability to weather and climate events and thus reduce disaster risk. Infrastructure maintenance, along with the continuous, but adjusted monitoring of physicochemical and biological factors in the indoor environment, in parallel with use of information and communication technologies and the development of the new risk assessment tools, provide more focused risk assessment and risk management process. Also, intersectoral collaboration provides more effective risk communication approach, results in more resilient community and more efficient resource management, especially in case of emergencies.

Biography

Matijana Jergović (female) M.D., PhD., environmental health specialist, epidemiologist, health manager at Andrija Štampar Teaching Institute of Public Health. She is coordinating health risk assessment, emergency management and risk communication activities. She consults in case of uncompliant analytical results and recommends health measures for prevention of environmental influences on human health. She gained additional skills through further international environmental health impact and risk assessment trainings: E-learning Training program in Children's Environmental Health, The University of Kansas School of Medicine,

Iowa (2006); University of Liverpool, IMPACT online introductory HIA course (2014); IFEH, Environmental health and Disaster Management Course (2015); Health Risk Assessment: Principles and Applications (2016) and Novel methods and approaches in health risk assessment (2017), Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden. She provides expertise in ICT risk assessment and risk communication tools development.