

NETWORKS, MARKETS & PEOPLE - NMP2024

THEMATIC SESSIONS - TS

TS-29

INDUSTRIAL POLLUTING SITES AND THE EFFECTS ON THE SURROUNDING CONTEXT: ASSESSMENT OF THE HEALTH, ENVIRONMENTAL AND ECONOMIC IMPACTS THROUGH MULTIDIMENSIONAL TOOLS

Keywords: Polluting Sites; Health Impact; Real Estate Market; Urban Landscape; Cost-Benefit Analysis.

The role that the environment plays by influencing public health is one of the most discussed topics. In particular, the presence of industrial activities that represent sources of air and noise pollution and with significant consequences on human health are often at the center of political debate, on a national and international scale.

The objective is to identify strategies aimed at minimizing the impacts on human health by supporting the socio-economic development of the territories in which these polluting sites are present. In this regard, it is necessary to define adequate tools that allow a multidimensional evaluation of the existing relationships between polluting sites, the health of the exposed population, changes in property values and the real estate effects on the urban landscape, after the policy interventions, to model its trajectory over time and adjust the general wealth of the exposed population through geographical models implementation.

The workshop, therefore, is aimed at collecting contributions relating to the following topics: dynamic health impact assessment, AI predictive modeling, assessment of environmental exposure effects, cost-benefit analysis, risk assessment, real estate and polluting industrial sites.

CHAIRS

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Pierluigi Morano is currently Full Professor in Real Estate Appraisal. He is author and coauthor of published works on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of real estate prices.

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Debora Anelli is currently fixed-time Researcher in Real Estate Appraisal. She is author and coauthor of numerous published works regarding the study of the real estate market dynamics and the definition of decision support models for sustainable urban planning.

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Felicia Di Liddo is currently Assistant Professor in Real Estate Appraisal. She is author and coauthor of research works published on different topics, among which the definition of assessment models for urban regeneration projects and decision support systems for public-private partnerships.