



EORC TALK – Talk at the Earth Observation Research Cluster

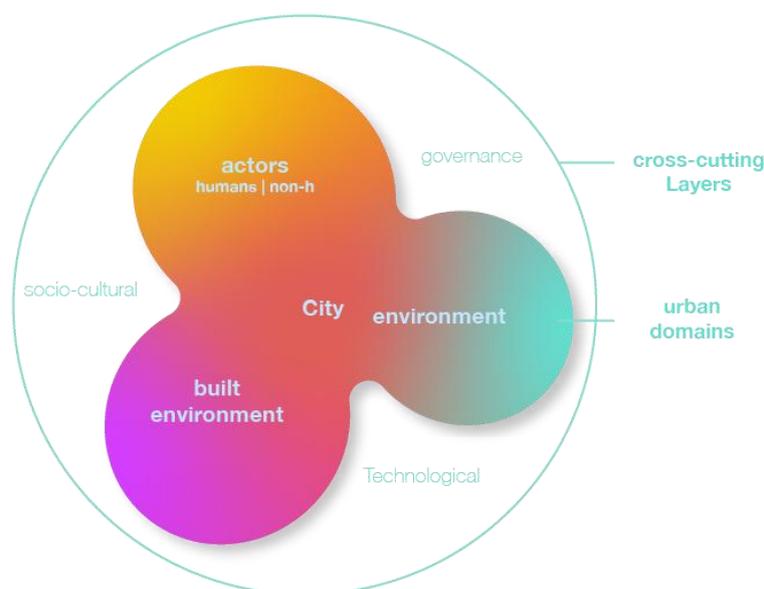
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Pathways towards a Healthy City

Current approaches to urban planning demonstrate limited capacity to address the compounding pressures of climate change, biodiversity loss, and social inequality in dense urban environments. Through a transdisciplinary approach spanning ecology, urban planning, landscape architecture, GIS, anthropology, and public health, this investigation presents the One Health City Framework (OHCF) and the One Health City Index (OHCI) as instruments for the reconceptualization and spatial analysis of urban health conditions. The OHCF structures analysis across three interdependent domains - actors (human and non-human), natural environment, and built environment - conceptualising the city as an interdependent system in which the health of constituent parts constitutes a condition for systemic urban health. To translate this concept into spatial practice, the OHCI provides an operational instrument comprising seven indicators organised across three analytical layers: proximity, exposure, and biodiversity. Applied at the macro-, meso-, and micro-scales, the OHCI identifies spatial deficiencies, informs strategic planning priorities, and contributes a replicable methodology for the development of more sustainable and resilient urban environments.

ONE-HEALTH-CITY (OHC)



**Tuesday, 10th of March 2026, 03 p.m. | Seminar room 2, Earth Observation
Research Cluster, John-Skilton-Str. 4a**