



WORKSHOP ON
ENVIRONMENTAL CARRYING CAPACITY
FOR SUSTAINABLE SPATIAL PLANNING

PEOPLE | PLACES | PLANET | PLANNING A RESILIENT TOMORROW



VISITING PROFESSOR -
INTERNATIONAL INVITED SPEAKER

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BALANCING
DEVELOPMENT
WITH NATURE

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VENUE  TVES TERRITOIRES
VILLES
ENVIRONNEMENT
& SOCIÉTÉ
ULR 4477

Faculty of Economic, Social Sciences &
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ABOUT THE WORKSHOP

Decades after the warnings of the “Limits to Growth” paradigm, rapid urbanization continues to outpace our planet’s biocapacity. Rooted in Ian McHarg’s “Design with Nature” and William Rees’s Ecological Footprint, this workshop operationalizes Environmental Carrying Capacity (ECC) as a rigorous, data-driven framework for sustainable spatial planning. It explores how land suitability, hydrological constraints, and ecological sensitivity are synthesized within advanced ECC spatial models — through five dimensions: Development Intensity, Environmental Sensitivity, Hazard Vulnerability and Ecological Capacities. The session demonstrates how ECC spatial modelling directly informs the statutory planning process in developing countries especially in Indian context, transforming environmental constraints into creative, legally sound frameworks for sustainable spatial planning.

“Planning
within
planetary limits
for resilient and
liveable cities”



DEVELOPMENT
INTENSITY



ENVIRONMENTAL
SENSITIVITY



HAZARD
VULNERABILITY



ECOLOGICAL
CAPACITIES



SPATIAL
MODELLING