



SUSTAINABILITY

Environmental, ecological, financial or social, but also ideological, necessary, shared or imposed, are just some of the many qualities associated with sustainability in the scientific literature. The 2017 revision of the World Population Prospects published by the United Nations shows a slow deceleration in the growth rate compared to the peak of the first years 2000. However, the world population has increased fivefold in a century and is expected to exceed the threshold of 10 billion within the next 30 years. The question of resources' conservation then becomes urgent and the fact that 54% of world population already live in cities and by 2050 two more billion inhabitants will be added, shape this issue in a predominantly urban dimension.

Each discipline has developed the theme by posing its field in a central role of action, while remaining on positions of equilibristic compliance also with regard to the most divergent meanings given to the concept of sustainability. All united against the consumption of limited resources even when battles are conducted in clearly conflicting directions. Here, planners support the fight against soil consumption, but leave in a limbo the ambiguity between those who oppose any form of new use and those who, in antithesis, are inclined to the idea that consumption, understood as wastage, is so widespread in too many soils, now requiring a more massive use with a densification aptitude. In the construction sector, building technology researchers propose highly innovative urban building and district models that can reduce the use of scarce resources by several orders of magnitude. However, they then support forms of retrofitting or conservation on the verge of ideology, superseding the observation that an "old" artefact, even if depositary of identity values,

consumes at least 10 times more resources than needed. The environmentalists support the battles of historians in the defense of the built heritage by every form of change, apparently forgetting that the inefficiency of that heritage constitutes the primary source of climate-altering emissions destined to destroy the environment we know today.

The first issue of the third Volume (2018) of UPLanD intends to dwell on the subject considering that after an era of irresponsible use and that of ideological conservation is the time for an overall rethinking of the strategies with which sustainability is pursued. Because if it is impossible to continue to waste resources, it is often too late to simply protect what is left. Soil, landscape, water, air, biodiversity, climate: in many areas of the planet the level of compromise is such that only a virtuous process of regeneration can bring the system back to a condition of "sustainable" equilibrium.

In this key, the main themes of the call are:

- intervention programs and projects that address, both from the infrastructural point of view and the settlement model, the issue of sustainability in the new expansions of large metropolises;
- product and process innovations to increase the sustainability and resilience of consolidated fabrics, both historic and ordinary;
- tools, methods and procedures for the assessment of ecological, environmental and landscape effectiveness of alternative transformation programs;
- best practices for the infrastructure system with a positive impact on the budget of urban

- settlements in terms of waste management and consumption of environmental resources;
- best practices for improving the quality of the building-open space system in a multi-scale perspective, from an environmental, ecosystem, social inclusion and resilience point of view;
 - methods of intervention, procedural innovations, functions and technologies aimed at overcoming the conflictual dimension that often accompanies the virtuous regeneration initiatives.

The authors are invited to send an abstract of maximum 2,000 characters, written in a concise and clear manner, in Italian or English, which must include the main contents of the article proposed, specifying the subject of the proposal, purpose of the contribution and adherence to the theme of CALL. In particular, the article may concern:

- relevant issues in the scientific debate;
- a point of view that is intended to be proposed;
- relevant plans, programs and projects;
- best practices taking into account the achieved results and their reproducibility in other contexts, highlighting the boundary conditions for their transfer;
- research projects, reporting the results, intermediate and / or final, achieved, their relevance to the topic, the funding sources, the originality of the tested product or process, the physical, social, economic and / or cultural implications, the limits identified and the point of view of the stakeholders involved
- research perspectives, highlighting the

product and / or process originality, the target beneficiaries and possible funding sources.

The abstract must be accompanied by specific keywords (from 4 to 5), which reflect what is essential in the paper, and must be sent by email to editors@upland.it. The authors of the accepted abstracts will be asked to send, within 30 days, their contribution of no more than 25,000 characters in case of single author, 30,000 in case of multiple authors, plus abstracts, bibliography and images. The contributions, eventually integrated on the basis of the referees' observations in the Double-Blind Peer Review procedure, must be sent, in the final draft, in double language (Italian / English) or English only, fully respecting the instructions for the authors and the template transmitted together with the abstract acceptance communication.

In adherence to the editorial model of the journal (continuous publication) the individual articles will be published on line in a definitive form, together with the definitive references to be cited, as soon as the editing, revision and proofreading process is completed. The articles will be added to the first issue of the current volume of UPLanD (2018), which will progressively increase until the final closure.

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