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# Ecological and sociological perception of urban green spaces

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## Abstract

Facing urbanization, urban green spaces are now important landscape elements for sociological and ecological concerns. Although in the past, stakeholders considered mainly the aesthetics of these elements, users are now demanding for diversified urban green spaces. The current challenge for stakeholders is thus to transform urban green spaces to be both ecologically diverse and aesthetically pleasing to fulfill current social and ecological purposes. Using an eye-tracking participative experiment, we thus tested if ecological management of woodland edges by stakeholders in urban green spaces in Rennes city was in accordance with user's perception and aesthetical preferences. The experiment revealed that ecological management and aesthetical preferences of woodland edges managed by stakeholders did not entirely fulfill these two objectives.

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