

## Session 1B - Methodological approaches to enhance the impacts on urban space and nature-based solutions: recognising knowledge co-production based on social sciences and humanities

11:30 - 13:00 Friday, 17th June, 2022

Scientific Day - Theme 1. Co-creating NBS for Sustainable Cities

Presentation type Oral

Chair Laetitia Boon, Lucas Brasil Pereira, Beatriz Caitana

The complexity of urban contexts requires methods capable of promoting the co-production of knowledge, unlocking new perspectives that enable ways of comprehending territories not only by their physical and material components, but above all by the set of socioeconomic, cultural and emotional relations integrated in their socio-spatial dynamics. The social sciences and humanities have a central role in decoding these relations, whether due to their broader understanding of the phenomena, or in their translation, leading towards a basis for interdisciplinary dialogue and more equitable solutions for all. Their recent connection to green and sustainable city agendas, as provided by the Green Deal, confirms their benefits: these include verification of whether and how sustainable solutions can generate new values for nature, promotion of the presence of more diverse and plural voices, and working towards more inclusive solutions for all. Through systematic social research, the changes that occur in the experiences, practices and production of pre-existing space can be better evaluated, as, for example, in sociological studies on urban practices capable of identifying common behaviours and practices (Goffman, 1963, 1974; Certeau, 1990; Serpa, 2013, 2017; Teixeira & Pereira, 2015, 2016; Tenório, 2012), as well as gender gaps in ecological and sustainable attitudes and practices. The observations of where, which and how bodies move, talk and perform in cities are able to inform everyday dynamics and help build an archive of the common everyday that often builds a sense of place. Methods drawn from the social sciences and humanities strengthen citizen involvement in climate and environment-related issues and domains (Scholte, Teeffelen and Verburg, 2015; Buchel and Frantzeskaki, 2015), as they can ensure better strategies to engage the wider community in effective behavioural changes and civic participation towards a more holistic and just transition. This session aims to include presentations (theoretical review, case studies, data analysis, project results, artistic performances, among others) from a wide variety of inter and multi-disciplinary backgrounds that will further inform discussions on the added value of methods coming from the social sciences and humanities to enhance the impact of NBS.

Buchel, S., & Frantzeskaki, N. (2015). Citizens' voice: A case study about perceived ecosystem services by urban park users in Rotterdam, the Netherlands. *Ecosystem Services*, 12, 169-177.

<https://doi.org/10.1016/j.ecoser.2014.11.014>

Certeau, M. (1990). *L'invention du quotidien (T. I), Arts de faire*. Paris: Éditions Gallimard.

Goffman, E. (1963). *Behavior in Public Places: Notes on the Social Organization of Gatherings*. New York: Free Press of Glencoe.

Goffman, E. (1974). *Frame Analysis: An Essay on the Organization of Experience*. New York: Harper & Row.

Scholte, S. S. K., Teeffelen, A. J. A. van, & Verburg, P. H. (2015). Integrating socio-cultural perspectives into ecosystem service valuation: A review of concepts and methods. *Ecological Economics*, 114, 67-78. <http://dx.doi.org/10.1016/j.ecolecon.2015.03.007>

Serpa, A. (2013). *O espaço público na cidade contemporânea* (2ª ed). São Paulo: Contexto.

Teixeira, M. A. A., & Pereira, L. B. (2015). Utopia, erotismo e a construção do espaço social: Festival Burning Man a uma praça brasiliense. *Anais ENANPUR*, 16(1).

<https://anais.anpur.org.br/index.php/anaisenanpur/article/view/1541/1520>

Tenório, G. (2012). *Ao desocupado em cima da ponte. Brasília, arquitetura e vida pública*. (PhD thesis, University of Brasilia, Brasilia, Brazil). <https://repositorio.unb.br/handle/10482/10710>