

LECTURE SUMMARY

Fundamentals of participatory planning and design: methods and tools

EXPECTED LEARNING OUTCOMES

- Understanding why participatory processes are used.
- Understanding the methods and objectives of participatory processes.
- Understanding the factors that make participatory processes successful.
- In-depth understanding of participatory methodology in the context of urban planning and urban development in general
- Familiarization with methods aimed at disseminating information, informing local communities, gathering the views of citizens' groups, mapping ideas, strengthening participation in the decision-making process for the area and in the elaboration of solutions and proposals.

SUMMARY OF THE LECTURE

The aim of the lecture "fundamentals of participatory planning: methods and tools" is to introduce students to the methodologies and tools of participatory planning, and to understand participation as a "process" with specific objectives and outcomes. In this light, the concept of participation from a theoretical tool becomes a useful method around the design of space.

The lecture is structured in two main parts

(a) the first introduces the methods and tools of participatory planning. Understanding the multiple usefulness of participatory processes (from public information tool to decision making tools), across the whole context of urban governance. In addition, students are introduced to methodologies, understand how the tools are used and for what purpose. Finally, they become familiar with the elements where they will make participatory processes successful.

(b) The second part focuses specifically on the ways in which participatory processes are used in urban planning, urban development and more generally in decision-making



around spacial-decisions. Tools are presented that are used in five cases: (1) information dissemination (2) informing citizens and local communities (3) collecting opinions from citizen groups (4) mapping ideas, (5) enhancing participation in the decision-making process.

REFERENCES

Brown G and Raymond CM (2014) Methods for identifying land use conflict potential using participatory mapping. *Landscape and Urban Planning* 122: 196-208.

Ertiö T-P (2015) Participatory Apps for Urban Planning—Space for Improvement. *Planning Practice and Research* 30(3): 303-321.

Garcia M (2006) Citizenship Practices and Urban Governance in European Cities. *Urban Studies* 43(4): 745-765.

Geekiyanage D, Fernando T and Keraminiyage K (2021) Mapping Participatory Methods in the Urban Development Process: A Systematic Review and Case-Based Evidence Analysis. *Sustainability* 13(16). 16. Multidisciplinary Digital Publishing Institute: 8992.

Glass JJ (1979) Citizen Participation in Planning: The Relationship Between Objectives and Techniques. *Journal of the American Planning Association* 45(2). Routledge: 180-189.

Kahila-Tani M, Kytta M and Geertman S (2019) Does mapping improve public participation? Exploring the pros and cons of using public participation GIS in urban planning practices. *Landscape and Urban Planning* 186: 45-55.

Luca C de, López-Murcia J, Conticelli E, et al. (2021) Participatory Process for Regenerating Rural Areas through Heritage-Led Plans: The RURITAGE Community-Based Methodology. *Sustainability* 13(9). MDPI: 1-22.

Mougiakou E, Christaki A, Athousaki G, et al. (2020) Participatory urban planning through online webGIS platform: operations and tools. In: *Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance, New York, NY, USA, 23 September 2020*, pp. 831-834. ICEGOV 2020. Association for Computing Machinery. Available at: <https://doi.org/10.1145/3428502.3428633> (accessed 23 August 2022).

Mueller J, Lu H, Chirkin A, et al. (2018) Citizen Design Science: A strategy for crowd-creative urban design. *Cities* 72: 181-188.

Stelzle B and Noennig JR (2017) A Database for Participation Methods in Urban





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