



Les défis de développement pour les villes et les régions dans une Europe en mutation

## **'Green' and 'Blue' network as a tool of urban and environmental planning at the northeastern part of Athens**

Mlle EVANGELIA NTAFI

NATIONAL TECHNICAL UNIVERSITY OF ATHENS PHD CANDIDATE

ANTAIUO 14 11146 ATHENS GREECE

eva\_tuc@yahoo.gr 6947154428

### **Référence à la session / reference to the session**

B8 - Environment and Sustainable Development

### **Résumé / Summary**

This research examines the environmental policies pursued in Athens basin in recent years. It aims to highlight the importance of developing environmental policies and to propose new tools for the urban reconstruction of Athens basin in a metropolitan scale, in accordance to the European environmental policy.

The research is based on the fact that the lack of environmental policy led to a lack of environmental planning interventions in metropolitan scale, with regard to the protection, management, unified planning and interconnection of public areas with green and water. This had as result the shrinking, fragmentation, piecemeal development and depreciation of these areas which led to the lack of ownership and therefore the degradation of resident's life.

To support further this fact, the research aims to display all of the above observations. Firstly, the weakness in applying environmental policy is being documented (lack of clear legislation and political will on the part of the state) and therefore the difficulty of implementing community environmental policies as done in all developed European cities. Subsequently, the effects of this deficiency in Athens are being presented, such as the lack of environmental planning interventions in metropolitan scale, the obsolescence of public areas with green and water, the lack of ownership of these spaces and the degradation of the life of residents.

The target is the creation of a vision for Athens aiming to the best possible development with regards to the environment and the quality of life. The lack of integrated planning gives nowadays the possibility of organizing space to improve environmental conditions in the light of European policy guidelines. The search for dynamic development, such as public spaces with green and water can contribute to this objective, as well as the establishment of specific design steps to fulfill the vision.

Ultimately, it is proposed, as a tool of environmental policy of urban reconstruction, the creation and

restoration of green and blue corridors, their integration into green and blue networks and their assembly into larger reconstructions of public, green and water areas of Athens. Case study of this research is the northeastern part of Athens.

Keywords: green/blue corridors; environmental policy; green network; urban planning; environmental tools

## **Bibliographie / Bibliography**

Borzel, T. (2000), 'Why There Is No 'Southern Problem', On Environmental Leaders and Laggards in the European Union, *Journal of European Public Policy*

Botetzagias, I. (2001), "Is the Greek Environmental Policy Europeanized?": Some evidence from the transposition of the EU Environmental Directives into Greek national law', Paper prepared for the First YEN Research meeting On Europeanization, Workshop IV "Europeanization of Domestic Policies, , CiRCAP, University of Sienna, Italy

Botetzagias, I. (2005), 'Introduction: The Europeanization of Southern Europe', *Journal of Southern Europe and the Balkans*, Vol. 7, No. 3, pp 279-282

Campbell S. (1996, 2012), 'Green Cities, Growing Cities, Just Cities? Urban Planning and the Contradictions of Sustainable Development', in Fainstein, S. And Campbell, S. (eds.) (2012[1996]) 'Readings in Planning Theory', Third Edition, Oxford: Blackwell

Davoudi S., Crawford J., and Mehmood A. (Eds) (2009), 'Planning for Climate Change: Strategies for Mitigation and Adaptation for Spatial Planners', Earthscan, London

European Commission, Research and Innovation, Policy Topics, 'Nature-Based Solutions', <https://ec.europa.eu/research/environment/index.cfm?pg=nbs>, web: 10-02-2017

Giannopoulou C., Liameti D., Ntafa E., Spanogianni E., Chalaris G., Chaldezou S.(2015), 'Aspects of familiarization in open green spaces in Athens', postgraduate study, supervisor E. Panagiotatou, Department of Architectural Engineering, National Technical University of Athens

Hellenic Ministry for the Environment, Planning and Public Works (1994), 'ATTIKI SOS: Urban and periurban green-oases of green and peri-urban green.', Athens

Hall P., Pfeiffer U. (2000), 'Urban Future 21. A global agenda for twenty-first century cities', E & FN Spon, London

Ministry of Reconstruction of Production, Environment & Energy (2011), 'Master Plan Athens / Attica 2021', Athens

Murat Özyavuz (2013), 'Advances in Landscape Architecture', Chapter 7, Urban Waterfront Regenerations by Umut Pekin Timur, InTech edition.

Pinkham, R.(2000), 'Daylighting: New Life For Buried Streams', Rocky Mountain Institute, Colorado.

Pridham, G., Verney, S., Konstadakopoulos, D. (1999), 'Environmental Policy in Greece: Evolution, Structures and Process'

Region of Athens - National Technical University of Athens / Department of Architectural Engineering / Urban Environment Lab(2013), 'Research of strategies for networking of urban interventions in metropolitan Athens center', Athens