

Doctoral dissertation summary prepared by Magdalena Wojnowska-Heciak, M.Sc.

**DEVELOPMENT AND MANAGEMENT TRENDS FOR THE WATERFRONTS LOCATED AT THE
RIVERS IN URBAN AGGLOMERATIONS**

This thesis aims to determine whether the current state of development of the Vistula waterfront in Warsaw is a part of the contemporary tendencies in shaping of the areas along the rivers in other urban areas. By providing a greater understanding of comparable areas' transformations, thesis enables interpretation of current situation of Warsaw riverfront management.

Conclusions were drawn from: the review of current design trends in architecture and landscape architecture, analysis of the rivers' banks development in selected major European cities. Comparative study of multiple case studies included Hamburg, Rotterdam, Paris, Budapest, Prague, Munich, Vienna, Lyon. Then, based on ArcGis analysis, metropolitan areas for further research were selected – Warsaw, Vienna and Prague. Following analysis concerned the Vistula waterfront within the administrative boundaries of Warsaw, in particular part between Łazienkowski Bridge and Gdański Bridge. Conditions of the Vistula right bank were based, among others, on the results of a survey conducted on a group of 630 Varsovians in June-July 2015.

The thesis results point to the need of creating Masterplan for Development and Management of Vistula Waterfront in Warsaw, based on guidelines that were formed during the research, i.e., regarding the natural process that occur during the year in the river and at the waterfront, and also providing a compromise between more and more intensive waterfront use by the citizens and landscape protection.

Keywords: urban river, waterfronts, development preferences, the Vistula in Warsaw.

23.10.2017

M. Wojnowska-Heciak