

GRAPHICAL ANALYSIS OF HISTORICAL MAPS. TRACES OF INDUSTRIAL ARCHEOLOGY IN THE SOUTH-EASTERN SECTOR OF THE CITY OF CAGLIARI. (SARDINIA, ITALY)

Andrea PIRINU *

*PhD Eng.; DICAAR, Faculty of Engineering and Architecture, Cagliari, Italy

E-mail address: apirinu@unica.it, andrea.pirinu@gmail.com

Received: 14.04.2019; Revised: 23.04.2019; Accepted: 7.06.2019

Abstract

The contribution proposed is a part of a research aimed at the definition of methodologies for the analysis and representation of the landscape of Sardinia, with particular reference to one of its most important and characteristic versions: the landscape of the wetlands. The history of the city of Cagliari is strongly linked to the sea and the lagoons, elements that constituted the authentic “settlement principle” where the lagoons, in particular, were sources of decisive resources as well as for fishing, for the landing (especially the western ponds) and salt extraction (mainly from the *Molentargius* pond). The case study consists in a part of the regional natural park *Molentargius-Saline*, a system of considerable environmental and landscape value that hosts examples of industrial archeology. Through a multi-scale approach that links traditional and IT tools it is possible to define some representative graphic models of the studied landscape in order to plan its protection and enhancement. The comparison between historical maps and aerial images here presented is the first step of a path of knowledge that explores, analyzes and wants to highlight the most important transformation that occurred in this area since the nineteenth century and a partial preservation of historical cultural landscape.

Keywords: Landscape drawing; Cultural heritage; Industrial archaeology; Sardinia, Italy.