

Politecnico di Milano

Scuola di Architettura Urbanistica Ingegneria delle Costruzioni



Tesi di laurea magistrale

corso di laurea in Architettura

A.A. 2014/ 2015

Studente ROBERTA PALAZZO

Relatrice prof.ssa ANTONELLA CONTIN

Correlatore prof. PEDRO ORTIZ

Tesi "31.36 CAMP : Amman, Jordan: the growing city and the issue of Syrian refugees crisis in the pre-arid landscape"

ABSTRACT

The project starts from two main factors: the dramatic growth of Amman, the capital city of Jordan, and the issue of Syrian refugee that, coming from the adjacent country, contribute to the problem of the rapid expansion of the metropolis. Starting from the evaluation of the future development of the city made by Pedro Ortiz, World Bank consultant and planner, the project area has been chosen where to situate the future settlement. The goal is not to create a refugee camp but to plan a foundation city, close to Amman, located in a place that, according to the time variable, will be the future interface between the incoming metropolitan system and the pre-arid landscape. The dry ground, the lack of water, and the governmental agreement for the water management are themes that must be considered as part of the project in order to provide all the basic needs to the new settlement that should not be considered a satellite of the city. This has to be seen as an opportunity for the improvement of Amman's productivity and value, and to establish and interchange relationships. As regards the question of the development of the buffer zone between the new settlement and the incoming city has been studied an integrated system of dry and wet landscape in order to redefine the space. It consists of a decalage of different patterns and densities of green, grey and dwelling. The low density area is thought as a space related to agriculture production, using the ground water and the pipes coming from the city. The high density area starts from the design of public spaces and into the masterplan in which have been matched the different patterns defined according to the different locations and related to the different hierarchy of space pertinance. The area surrounding the existing industry will be enlarged and earmarked as part of a technopole of new techniques and a

new kind of health food production. The dry system will consist of new converted areas for the pasture, one of the main economic sources of the entire country. The final goal is a new settlement founded as an answer to an emergency but thought as a durable and sustainable solution in terms of relations.