

POLITECNICO DI TORINO
FIRST SCHOOL OF ARCHITECTURE
Master of Science in Eco-efficient Product Design
Honors theses

Systemic approach applied to a Rajasthan's rural village

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India is today one of the most populated countries in the world. Most of the population still lives in the countryside, in rural areas, in small villages in very poor conditions. Despite the proliferation of associations that aim to improve the quality of village's life, following the ideas of great thinkers (and actors) of the ancient India, this habitat cannot guarantee the survival of its inhabitants at least in terms of health, nutrition and economy.

This situation is even more delicate in some areas such as Rajasthan, where the weather puts a strain on the survival and development of individuals and villages.

Activities that characterize it, in fact, bring with them issues related to its own sustainability by the precarious state of supply water to unconsciousness of disposal of hazardous waste in the ground.

The *Systemic Approach* can, through its processes of logic redefinition and optimization of flows, using local resources, restore the right balance of activities in these villages, according to people who live in, material culture current and the habitat where they live.

An intervention able to obtain drinking water using natural systems and to neutralize the harmful undifferentiated waste through the reuse of input to output or other new activities.

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<http://issuu.com/approcciosistemicoruralvillage/docs/rajasthan>