
Travail de fin d'études / Projet de fin d'études : Understanding Urban Expansion and Informal Urbanization : A Case Study of Informal Settlements in Arequipa, Peru

Auteur : Le Vaslot, Hugo

Promoteur(s) : Teller, Jacques

Faculté : Faculté des Sciences appliquées

Diplôme : Master : ingénieur civil architecte, à finalité spécialisée en "urban and environmental engineering"

Année académique : 2022-2023

URI/URL : <http://hdl.handle.net/2268.2/17953>

Avertissement à l'attention des usagers :

Tous les documents placés en accès ouvert sur le site le site MatheO sont protégés par le droit d'auteur. Conformément aux principes énoncés par la "Budapest Open Access Initiative"(BOAI, 2002), l'utilisateur du site peut lire, télécharger, copier, transmettre, imprimer, chercher ou faire un lien vers le texte intégral de ces documents, les disséquer pour les indexer, s'en servir de données pour un logiciel, ou s'en servir à toute autre fin légale (ou prévue par la réglementation relative au droit d'auteur). Toute utilisation du document à des fins commerciales est strictement interdite.

Par ailleurs, l'utilisateur s'engage à respecter les droits moraux de l'auteur, principalement le droit à l'intégrité de l'oeuvre et le droit de paternité et ce dans toute utilisation que l'utilisateur entreprend. Ainsi, à titre d'exemple, lorsqu'il reproduira un document par extrait ou dans son intégralité, l'utilisateur citera de manière complète les sources telles que mentionnées ci-dessus. Toute utilisation non explicitement autorisée ci-avant (telle que par exemple, la modification du document ou son résumé) nécessite l'autorisation préalable et expresse des auteurs ou de leurs ayants droit.

TFE: Understanding Urban Expansion and Informal Urbanization, A Case Study of Informal Settlements in Arequipa, Peru.

Student: Hugo LE VASLOT

Promoter: Jacques TELLER

Cursus: Master 2 in Architectural Engineering in University of Liège – year 2022-2023

Abstract

Based on scientific research conducted on the topic of urban expansion and informality, it appears that only very few scientific works have established definitive criteria for describing informal urbanization and its development patterns. This is primarily due to the inherent complexity of the subject, which exhibits significant variations depending on the specific country or city under examination. Conducting such studies is indeed challenging, as it necessitates an analysis of the local socio-economic and social context, while also considering the prevailing spatial planning policies at the local level.

Furthermore, the forthcoming work will concentrate on examining urban expansion in Peru, with a specific focus on the city of Arequipa. This will be achieved through the integration of various approaches and the utilization of different analytical criteria. The study aims to shed light on the significant urbanization trends observed in recent decades, driven by substantial population growth resulting from migration phenomena. It also aims to address the issue of relative poverty among populations residing in informal settlements, primarily due to limited resources, as well as the relatively lenient territorial management policies in place.

Considering the intricate nature of informal urbanization, the definitions and concepts related to it will be established based on a thorough review of existing scientific research on the subject. Through an investigation into the urbanization process of the city, involving the analysis of demographic and housing trends, as well as an examination of various informal settlements on the outskirts of Arequipa using historical satellite imagery, this study aims to shed light on both the broader urbanization patterns within the city and the specific areas that are susceptible to illegal land occupation. By considering multiple scales of analysis, the research will reveal the dynamics of urban growth and identify vulnerable sites where informal settlements have emerged.

The process of establishing informal settlements is influenced by several factors, including significant population growth resulting from rural-urban migration, limited housing options within the city, inadequate territorial governance, and a lack or absence of essential services and infrastructure. These conditions have played a critical role in shaping the emergence and development of these informal spaces. The study will explore how these interconnected factors contribute to the creation of informal neighborhoods, highlighting the implications of such conditions on urbanization dynamics in Arequipa.