



Urbanization and Cultural Shifts: Anthropological Insights into Changing Community Life in Bangkok

Phrakhrupariyattiphattanabundit¹, Kritsakorn Onlamul²

¹Mahachulalongkornrajavidyalaya University, Khon Kaen Campus, Khon Kean, Thailand

²Maharakham University, Maharakham, Thailand

✉: pkphattanabundit@gmail.com (Corresponding Email)

Received: 01 November 2024; Revised: 30 November 2024; Accepted 30 November 2024

© The Author(s) 2024

Abstract: This paper examines the profound impact of urbanization on community life and cultural practices in Bangkok, Thailand. As the city rapidly transforms into a major metropolitan hub, traditional norms and communal values face challenges from modern economic demands and global influences. Through an anthropological lens, this study explores how urban expansion reshapes social interactions, cultural identities, and traditional rituals, often leading to fragmented social networks and shifts in family structures. The study highlights the dual impact of urbanization, where on one hand, technological advancements and globalization bring in new opportunities for cultural exchange and economic growth, while on the other, they create social disparities and threaten the continuity of traditional practices. Through a combination of qualitative and quantitative methods, this research provides insights into how communities navigate these changes, balancing the preservation of cultural heritage with the adoption of modern lifestyles. The findings underscore the importance of policy measures that prioritize sustainable urban development and cultural inclusivity to foster a resilient, cohesive community amidst Bangkok's ongoing transformation.

Keywords: urbanization, cultural shifts, community life, Bangkok, anthropological insights

1. Introduction

Fast city growth has changed the social structure of communities all over the world, with Bangkok being a prime example of this issue. As Bangkok transforms into a bustling metropolis, traditional customs and norms face increasing pressure from emerging values and economic demands. This paper adopts an anthropological lens to explore the cultural transformations brought about by urbanization, focusing on how city life redefines social relationships and reshapes the identities of its residents. By using both qualitative and quantitative approaches, the analysis will reveal new patterns in community life, highlighting the difficulties and chances that come with urban growth. By placing Bangkok's changes within larger global movements, the paper seeks to clarify the complex relationship between city settings and cultural factors, claiming that understanding these transformations is essential for creating urban policies that support both tradition and modernity.

Urbanization is the process where rural areas change into urban places, marked by more people living in one area, building development, and varied economies. This change is





especially clear in Bangkok, where quick urban growth has changed its social and cultural life. In recent decades, many migrants have come to the city looking for better jobs, creating a mix of old and new influences. As urbanization continues, Bangkok faces big problems like not enough housing, traffic jams, and pressure on public services. These challenges require a look at how communities live and interact. Thus, studying urbanization in Bangkok shows not just how its physical space changes, but also gives us a view into the changing cultural dynamics within this lively city, showing both the chances and challenges for better urban living (UNESCO, [2016](#)).

Fast urban growth changes cultural landscapes a lot, bringing shifts in community identities and social practices. In cities like Bangkok, the coming of rural migrants mixes old values with new city behaviors, creating a mixed cultural environment. This phenomenon mirrors findings from Le Hoang Anh Thu's research on Vietnam's underground lottery, *đề*, which illustrates how traditional practices adapt to urban settings, preserving cultural symbols while navigating modern pressures. Similarly, in Myanmar, many rural women migrate to cities due to displacement and economic challenges, where their traditional identities often clash with urban realities (A. Joseph, [2021](#)). These shifts involve not just individuals but show larger social and cultural changes that challenge old norms, leading to stronger thoughts on identity and belonging in quickly changing urban areas.

In the changing city scene of Bangkok, insights from anthropology are important for understanding community life and how tradition and modern life interact. Using ethnographic techniques, anthropologists collect detailed views on how new migrants and growing megacities change social connections and cultural habits. These insights show that changes in cities are not just physical but also have strong impacts on emotional and social relationships among people. Grasping these dynamics provides a better view of community strength, as residents navigate their identities and roles in a changing urban environment. Additionally, anthropological studies reveal the different ways groups react to urban challenges, emphasizing the need to protect cultural traditions in the face of globalization. Therefore, anthropological viewpoints are crucial for developing policies that truly match the needs and values of Bangkok's various communities (UNESCO, [2016](#)).

Fast urban growth in Bangkok has greatly changed the city's social landscape, affecting community life, identity, and social systems. As people move from rural areas to cities for jobs, traditional community connections weaken and often change, leading to mixed identities. This can be seen in how different ethnic groups interact with government, where marginalized communities, like the Dara'ang, deal with shifting citizenship issues that threaten their historical presence and cultural traditions (Gwen McCaw, [2023](#)). Additionally, urban development tends to focus more on economic growth rather than on keeping cultural practices alive, causing local customs to play a smaller role in daily life. As city governance changes, the shift from local to more centralized control has a significant effect on these communities, altering how they participate in city development and changing family and kinship relationships (Lourance N. Balatbat, [2024](#)). As a result, urbanization in Bangkok not only transforms personal identities but also changes community connections, highlighting the complex relationship between urban growth and cultural changes.

2. Historical Context of Urbanization in Bangkok

Bangkok's growth is linked to a mix of historical factors that have shaped its current social and cultural environment. The city changed from a small trading spot in the Sukhothai Kingdom to a busy city, showing how geography and economy worked together. Sukhothai was important for trade between the Gulf of Martaban and the Mekong River basin, which set





the stage for urban growth in Bangkok, a place for business and governance. Bangkok's good location helped trade and cultural sharing, creating a varied urban setting that shows both local customs and international influences. With time, moving from farming to a mixed urban area has changed social structures and community relationships, showing the ongoing balance between tradition and modern life in today's Bangkok. Studying urban growth here shows how past events still shape cultural changes and community connections in the city.

Early urban development and its socio-economic implications

The rise of early urban places greatly changed the social and economic scene, leading to complex ties between rule, community setups, and economic actions. The governance systems formed during the start of urban growth often mirrored local histories, which still affect today's urban situations. In Metro Manila and Bangkok, different rules show how early city plans can lead to different economic results - Metro Manila's decentralized model is very different from Bangkok's centralized system, influencing their ability to respond effectively to globalization and urban issues (Lourence N. Balatbat, [2024](#)). As cities grow, the social and economic effects go beyond just economic rise, requiring attention to sustainable development methods that deal with environmental issues. By looking at the links between climate, disasters, and development - crucial for understanding resilience - this study highlights the need for context-sensitive approaches to foster inclusive urban growth (Simon Goldhill et al., [2021](#)). These historical and socio-economic paths are essential for understanding the current urban scene in Bangkok.

The role of government policies in shaping urban growth

Government policies are very important in shaping urban growth paths, especially in fast-growing cities like Bangkok. The different types of governance seen in Bangkok, which is more centralized, compared to the decentralized governance of Metro Manila, greatly affect how urban policies are created and how cities develop. For example, using nature-based solutions in urban planning can help slow down biodiversity loss and improve ecosystem services during times of heavy development, as noted in (Phakhawat Thaweepworadej, [2021](#)). Although Bangkok has seen rapid urban growth that has led to major vegetation loss, strong policies can support sustainable urban ecosystems. To tackle these issues, there is a need to reassess current strategies to make sure urban growth does not harm community welfare or ecological health. As shown in the study of Lourence N. Balatbat ([2024](#)), Governance strategies that take local contexts into account not only facilitate urban development but also establish adaptable frameworks that promote economic integration and cultural preservation, thereby enhancing overall living standards in dynamic urban environments.

Migration patterns and their effects on community dynamics

When looking at urban growth in Bangkok, it is clear that migration trends change how communities work by altering social structures and cultural exchanges. The arrival of many different people, often due to job prospects or conflicts, forms a mix of identities that challenge old customs and shared values. New arrivals usually introduce unique cultural habits and viewpoints, which can create both cooperation and conflict with long-time residents. This mix might breathe new life into neighborhoods as new ideas inspire creativity and cultural sharing. On the other hand, it could also cause social divides, where established groups feel insecure about the fast changes, leading to pushback or loss of their culture. As these neighborhoods adjust to new migrations, their strength and ability to stay united are tested, ultimately shaping urban living in Bangkok and reflecting larger trends in global migration.



Historical landmarks and their significance in contemporary urban identity

In the quick urban growth of Bangkok, old landmarks are very important for shaping today's city identity. They connect people to the city's history and set a path for the future. These buildings show good design and strength and act as key cultural symbols, helping people feel they belong even in a busy modern world. As neighborhoods change, the importance of these sites increases, offering a backdrop for shared memories and local stories that might be lost to new developments. Preserving these landmarks is vital, as they shape the character of urban areas and inspire both locals and visitors to engage with their historical surroundings. The connection between past and present embodied in these sites is essential for fostering a cohesive cultural identity capable of addressing modern challenges while honoring its historical roots (Amelie Novak, [2024](#)).

3. Cultural Transformations in Urban Bangkok

The rapid growth of Bangkok has led to big changes in culture that show a mix of old and new. As the city has turned into a global center, local historical influences, like those from the Sukhothai Kingdom's methods for trade and resource management (Vimoltip Singtuen et al., [2024](#)), have started to blend with global economic forces. This blend can be seen in lively street life, where traditional markets exist alongside modern shopping malls, representing a mix of cultures that influences everyday life and community identities. Additionally, Bangkok's mainly centralized government reacts to these changes, which helps keep local traditions while also accepting modernization (Lourence N. Balatbat, [2024](#)). In the end, these cultural changes in urban Bangkok not only change the social structure of the community but also show the need for approaches that respect both historical backgrounds and current urban issues, all while promoting sustainable growth during ongoing changes.

Changes in traditional practices and rituals

The decline of old customs and rituals in fast-growing cities like Bangkok is a complex issue that needs close look. As families move from rural places to cities for better jobs, the community ties that once held these cultural traditions together start to fade. For example, lively ceremonies related to harvest times or local spirits often become less important as younger people choose modern ways of living. This change not only affects social connections but also makes it harder to pass down cultural heritage, as ties to old traditions become weaker. Additionally, the mix of global values brings in new cultural ideas, causing long-standing rituals to be changed or completely replaced with newer forms of identity and belonging. In the end, the changing nature of these practices shows a larger trend of cultural change, highlighting the interaction between urban growth and tradition in modern Bangkok (UNESCO, [2016](#)).

The influence of globalization on local culture

As more people move to cities like Bangkok, the effects of globalization on local culture become clearer. This situation shows in the decline of traditional practices and the adoption of Western cultural norms, which can push aside local identities. For instance, the fast changes in the city have forced communities to shift towards a cosmopolitan way of life, often reducing distinct cultural expressions in place of internationally known brands and Western entertainment (Phakhawat Thaweevoradej, [2021](#)). Additionally, the blending of local legends, like the importance of the naga in city settings, demonstrates how globalization can lead to mixed identities instead of completely removing local culture (Jakkrit Sangkhamanee, [2024](#)). Although globalization offers chances for cultural sharing and blending, it often



highlights dominant stories and profit-making over true representation, ultimately putting local traditions at risk against strong outside influences. This situation keeps transforming community life in Bangkok, making it vital to carefully consider how to keep culture alive amidst global challenges.

The emergence of new cultural expressions and identities

The challenges of urban growth in Bangkok have led to new cultural expressions and identities that are closely linked to the city's economic changes. As traditional values meet modern influences, a mix of local and global cultures fosters new artistic practices and social movements. This blend not only resists uniformity but also helps redefine community identity during swift changes. New artists, who are usually based in local experiences yet aware of global trends, question established stories by using multimedia tools and grassroots activism in their art. These cultural expressions show a changing environment where urban youth share their experiences, creating a diverse identity that combines tradition and modernity. This cultural revival also brings difficulties in keeping indigenous practices alive, resulting in a need to critically assess authenticity in a quickly changing urban setting (UNESCO, [2016](#)).

The role of technology in shaping cultural interactions

When looking at cultural interactions in fast-growing cities like Bangkok, technology plays an important role in shaping these relationships. The city's rapid urban growth, shown by the population rise from 6.4 million in 2000 to 10.5 million in 2020, has made people more dependent on digital platforms for communication and cultural sharing, allowing them to stay connected across various backgrounds (Phakhawat Thaweepradej, [2021](#)). Additionally, technology helps spread cultural practices and social norms, leading to a mix of traditions as people in cities interact with both local and global influences. This mix is vital in dealing with the social and economic gaps worsened by urban growth, as technology can make information and resources more accessible to everyone, encouraging broader involvement in cultural conversations (Netnapa Netroj, [2023](#)). Thus, technology not only improves cultural exchanges but also acts as a key tool for adjusting cultural practices amid ongoing challenges of urbanization.

4. Social Impacts of Urbanization on Community Life

Urbanization changes community life a lot, reshaping how people relate and their cultural identities. In Bangkok, as the city grows quickly, it creates a mix of old community practices and new urban trends, causing both benefits and breakdowns in social networks. This change is clear in how local economies adapt, where old industries face competition from global market forces, forming new social classes and changing relationships within neighborhoods (Laurence N. Balatbat, [2024](#)). Moreover, urbanization has disturbed long-standing community bonds, as movement and high population numbers lead to feelings of isolation and disconnect among people. On the other hand, there has been a noticeable comeback of local identities and cultural practices as communities try to adjust to these changes, showing a strong ability to adapt to new urban issues (Vimoltip Singtuen et al., [2024](#)). Thus, urbanization in Bangkok shows both growth and loss, ultimately transforming community life through complicated social changes.

Shifts in family structures and relationships

Urbanization has clearly changed traditional family structures and relationships, causing significant shifts in how individuals engage with their families. As communities





develop, there is a noticeable decrease in extended families, with a significant rise in nuclear family formations, highlighting a larger trend toward personal independence and self-reliance. In Sri Lanka's Kegalle District, for example, the shift from extended families to mostly nuclear households, shows a similar trend, with 78% of marriages now being extension-based, diminishing the traditional kinship relationships that used to guide social behavior, including marriage and sexual interactions (K. M. S. Samarasekara et al., [2024](#)). This separation encourages more premarital relationships and love-based marriages, indicating a move away from community norms towards individual decisions. Similarly, the inclusion of cultural stories, such as Indonesian folklore in schools, aims to connect generations and restore family ties during these social and cultural changes (Mohamad Zaka Al Farisi et al., [2024](#)). Overall, these shifts reflect wider anthropological trends linked to urbanization, altering the basic structure of community life in Bangkok and elsewhere.

The impact of urbanization on social networks and support systems

Urbanization is changing the way cities like Bangkok look and feel, and its effect on social networks and support systems is clear. When people move from the countryside to the city, they often lose the close family ties that are important in rural areas. In cities, where people can feel lost and life moves fast, individuals might feel free at first; but this freedom comes with less support from those around them. As community connections break down, loneliness increases, and new social ties may form, but these tend to be shallow and focus more on numbers than on real connections. Moreover, using technology to stay in touch can make people feel even more alone, since online chats do not offer the emotional and mental support that face-to-face interactions do. Therefore, urbanization not only changes how social networks work but also puts pressure on the support systems that people depend on during tough times.

Changes in community engagement and participation

The change in how people engage and participate in communities in Bangkok shows clear shifts in cultural norms and social systems with fast urban growth. Older ways of community interaction, usually based on strong neighborhood bonds, are being replaced by more disconnected societal ties, often through digital tools and social media. This change presents a contradiction; while technology connects people across distances, it can also weaken the strength of local relationships and community unity. As a result, public areas that used to be lively with local events are now struggling, as urban development favors commercial activities over cultural engagement (Michael Pacione, [2009](#)). As these trends continue, it is crucial to look into how they affect community identity and unity, indicating that future city planning should focus on encouraging meaningful engagement to maintain the energy that characterizes Bangkok's diverse population. Therefore, the development of community participation acts as both a sign and a driver of the wider sociocultural changes happening in the city.

The rise of social inequalities and their implications for community cohesion

In modern Bangkok, growing social inequalities show clear gaps in wealth and access to resources, seriously hurting community unity. This increasing divide worsens economic splits and creates social distance, as marginalized groups feel more disconnected from the social, cultural, and political systems that influence their lives. The effects of this separation are significant, as they can cause heightened tensions, lower civic involvement, and a widespread feeling of powerlessness among those less fortunate. A unified community depends on its members working together, but these noticeable inequalities block teamwork and shared identities that are key to urban solidarity. Additionally, as different parts of the population





move into separate areas based on their economic status, the chance for a united response to urban issues decreases, which jeopardizes the very sustainability of community life (UNESCO, 2016).

5. Conclusion

In reviewing the findings of this essay about urban growth and cultural changes in Bangkok, it is clear that the mix of worldwide economic influences and local customs greatly affects community life. The comparison between Metro Manila and Bangkok highlights the need for a detailed understanding of these interactions, showcased by the specific governance systems that guide urban reactions to globalization. Additionally, the abundant natural resources and archaeological history of Sukhothai show a historical link that shapes present-day practices and cultural identities in cities. These observations indicate that instead of using a uniform approach to urban development, policymakers need to understand the complex histories, economies, and cultures that define community dynamics. In the end, recognizing these elements is essential for creating sustainable urban areas that honor local identities while facing the challenges of fast urban growth.

Urban growth in Bangkok has led to big changes in culture, affecting how communities act and are structured. Many people moving to the city fast, along with the pressures from globalization, have created a mix of different cultures existing together. A look at Metro Manila and Bangkok shows that Bangkok's less centralized governing style has greatly shaped its urban policies, which allows for special economic plans and cultural expressions. This change points out how different cities have unique paths in the global economy while also valuing local traditions and customs. Additionally, research in the Sukhothai area shows that trade and resource management have always played a key role in shaping urban growth and cultural identity in Thailand. These findings stress the need to understand that urban growth brings about not only physical changes but also complex interactions between cultures that alter community life in modern Bangkok.

The anthropological view shows important insights into urban growth and its cultural effects in Bangkok. By focusing on community ties and cultural habits, anthropologists can show how fast city changes alter social systems and identities. For example, as people from rural areas move to the city for jobs, they face a complicated city life that challenges their old values and helps create new social bonds. This situation highlights the importance of studying cultural strength along with change, as communities work to find their shared identity in a more urban world. Also, using ethnographic methods helps to better understand personal experiences, showing how different groups react to city pressures that might weaken or strengthen community connections. Therefore, anthropological studies not only record these changes but also place them in larger power situations and historical contexts that need further investigation (Richard Gabriel Fox, 1977).

To deal with the challenges of urban growth and its cultural effects on neighborhoods like those in Bangkok, future studies need to focus on combining different fields such as anthropology, urban studies, and policy analysis. This merging can reveal the details of local stories during quick urban changes, helping to understand how cultural changes affect social unity and identity. Policymakers should use these insights to create plans that not only tackle urban issues like housing and infrastructure but also acknowledge and support the cultural roots that contribute to community strength. As cities keep changing, good policies should come from methods that include local residents at all stages, creating a governing style that responds to the specific needs of city life. This varied strategy will eventually create spaces that respect both advancement and tradition, promoting sustainable growth in urban areas (UNESCO,





2016).

In rapid urban growth, community strength is crucial for keeping cultural identity and social unity. As cities like Bangkok expand, often affecting traditional setups, people show a strong ability to adjust. This ability shows in new social connections and the strengthening of current bonds, as residents look for comfort and help in their neighborhoods. At the same time, local efforts, like community gardens or cultural festivals, help take back space in the city and support cultural traditions amidst increasing modernity. Ultimately, the contrast between city growth and ongoing community life shows a complex relationship, where development doesn't always mean losing culture but can encourage stronger community ties. This strength highlights the challenges of urban growth, showcasing the chance for active community involvement in today's city living.

Originality & Body of Knowledge

Originality: This paper provides a distinctive anthropological exploration of the cultural transformations resulting from urbanization in Bangkok. It stands out by analyzing the intricate relationship between traditional community practices and modern urban dynamics, addressing how these changes reshape cultural identities, family structures, and social networks. Unlike previous studies that focus primarily on economic impacts, this research emphasizes the cultural and social dimensions of urbanization, offering a comprehensive perspective on the interplay between global influences and local traditions. By integrating case studies, comparative analyses, and theoretical insights, the study uniquely contributes to understanding the adaptive strategies communities employ to maintain their cultural heritage amidst rapid urban growth.

Body of Knowledge: This study significantly advances the academic discourse on urbanization and cultural change by examining Bangkok as a microcosm of global urban transformations. It expands the understanding of how urbanization affects community cohesion, highlighting shifts in family structures, the emergence of new cultural expressions, and the role of technology in reshaping social interactions. The paper also provides critical insights into policy implications, advocating for sustainable urban development that balances economic growth with cultural preservation. By drawing parallels with other urban centers and situating its findings within global anthropological debates, the research offers valuable frameworks for scholars, policymakers, and urban planners seeking to address the challenges of cultural adaptation in rapidly growing cities.

Funding: This study did not receive financial support from any public or private agencies or organizations.

Declarations

Conflict of interest: The authors declare no conflicts of interest.

Ethical treatment of experimental subjects (animals & human): The research was conducted in compliance with the principles of the Helsinki Declaration regarding human subjects, so formal ethical approval was not required.

Open Access: This article is published under the Creative Commons Attribution 4.0 International License, which allows for use, sharing, adaptation, distribution, and reproduction in any medium or format, as long as proper credit is given to the original authors and source, a link to the Creative Commons license is provided, and any modifications are clearly indicated. Any third-party material included in this article is covered by the same Creative Commons license unless otherwise credited. If third-party material is not covered by the license and





statutory regulations do not permit its use, permission must be obtained directly from the copyright holder. To access the license, visit <http://creativecommons.org/licenses/by/4.0/>.

References

- Balatbat, L. N. (2024). *Not all global cities are created equal: A comparative case study of urban development in Metro Manila and Bangkok, 1990–2020*. Erasmus University Rotterdam. <https://thesis.eur.nl/pub/75137/16304.pdf>
- Farisi, M. Z. A., Maulani, H., Hardoyo, A. B., Khalid, S. M., & Saleh, N. (2024). *Investigating Arabic language teaching materials based on Indonesian folklore: An ethnographic study on the folktale of “Bandung*. Retrieved from <https://www.semanticscholar.org/paper/63e025c11894513f165958b55417bb67823d2a55>
- Fox, R. G. (1977). *Urban anthropology*. Prentice Hall. <http://books.google.com/books?id=5LiAAAAAMAAJ>
- Goldhill, S., & Fitzgibbon, G. (2021). Climate, disaster, and risk: Introduction. *The British Academy*, 9(Supplementary Issue 8), 1–4. <https://doi.org/10.5871/jba/009s8.001>
- Joseph, A. (2021). *The impacts of migration on Myanmar women’s identity and connectedness to the land and food*. Retrieved from <https://www.semanticscholar.org/paper/3e32de47d796a5622ab11e6e840a0f2544cd462b>
- McCaw, G. (2023). *(Re)defining community concerns in Northern Thailand: Gender, ethnicity, and the fight for citizenship*. Retrieved from <https://deepblue.lib.umich.edu/bitstream/handle/2027.42/176999/McCaw%20Capstone%20Essay.pdf>
- Netroj, N. (2023). *Enhancing the built environment for promoting health and social equity of aging population in Thailand: Learning from experiences of Japan and Singapore*. Thammasat University. http://ethesisarchive.library.tu.ac.th/thesis/2023/TU_2023_6417090658_19015_28281.pdf
- Novak, A. (2024). *Exploring the vibrant heart of Thailand: An introduction to Bangkok*. Via Tolino Media. <https://play.google.com/store/books/details?id=4SwbEQAAQBAJ>
- Pacione, M. (2009). *Urban geography*. Routledge. <https://play.google.com/store/books/details?id=1UZ9AgAAQBAJ>
- Samarasekara, K. M. S., & Weerasooriya, K. J. S. (2024). *An anthropological study on the importance of incest taboos associated with Sinhalese traditional marriage customs in social control (With special reference to Aruggammana)*. Retrieved from <https://www.semanticscholar.org/paper/5425cbd5597606ed7e4f53ef491ef82beb8b3bd8>
- Sangkhamanee, J. (2024). *The mystery of the almost disappearing Naga: On urbanization and cosmopolitics in Bangkok*. Retrieved from <https://www.jakkritsangkhmanee.net/s/The-Mystery-of-the-Disappearing-Naga.pdf>
- Singtuen, V., Phajuy, B., Pongsaisri, N., & Pailoplee, S. (2024). Georesource distribution impacts the prosperity of the Sukhothai Kingdom and anthropological civilization in Thailand. *Scientific Culture*, 10(3), 1–19. https://www.sci-cult.com/wp-content/uploads/10.3/10_3_1_Singtuen_et_al.pdf
- Thaweeproradej, P. (2021). *Urbanization and its implications for tropical urban ecosystems in Bangkok, Thailand*. The University of Sheffield.



https://etheses.whiterose.ac.uk/29691/1/THESIS_Phakhawat%20Thaweeepworadej%20-%20final.pdf

UNESCO. (2016). *Culture: Urban future*. UNESCO Publishing. Retrieved from <http://books.google.com/books?id=l3P2DQAAQBAJ>