



**DIPONEGORO UNIVERSITY**

**INFORMALITY IN URBAN WATER SUPPLY IN TAMBAKLOROK,  
SEMARANG**

**UNDERGRADUATE THESIS**

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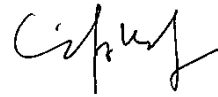
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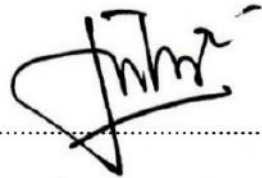
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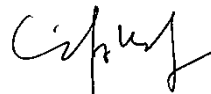
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## ABSTRACT

*Developing countries are facing urbanization coupled with a rapid and unprecedented urban growth, which is bringing about rising demand for urban services, especially those concerning water supply. The government inability to provide water supply has led to the emergence of informality in urban water supply. In the context of urban governance, informality in urban water supply as unofficial service provision is seen as a 'mode of urban governance' for the underserved population, which is largely allowed and even encouraged by governments because it is increasingly viewed as a necessary and acceptable mode of urbanism.*

*The urban water supply in Semarang facing its challenges due to rapid urban growth, climate change, topographical challenges with hilly terrain and drought. PDAM (the city-owned water company) has not been able to cover all regions in Semarang. Tambaklorok located in the northern part of Semarang has been relying on informal practices to fulfill its water need. Households in Tambaklorok rely on a range of strategies, often combining multiple informal water sources, such as water vendors, tankers, and bottled water. In 2016, Kampung Tambaklorok was installed with networked pipe from PDAM. Although the networked pipe has been installed, the households still choose to use the informal water supply. From this phenomenon, we can see that the practice of informality in the urban water supply is not is not a reflection of lack of development. Instead, informality continues to be produced through the particular factors other than physical availability of a network.*

*This research aims to analyze informality in urban water supply in Tambaklorok, Semarang To carry out this aim, the method that will be used is a combination of quantitative and qualitative methods. This research found that informality in urban water supply in Tambaklorok caused by lack of access to networked pipe water supply, water utility role, and practices in non-networked pipe water supply. The research recommended the alternative scheme of water supply for community in Tambaklorok.*

**Keywords:** *Informality, Urban Water Supply, Informal Water Supply*

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## **ABBREVIATIONS AND ACRONYMS**

|            |  |
|------------|--|
| BAPPEDA    | Badan Perencanaan Pembangunan Daerah (Local Development Planning Authority)  |
| BPS        | Badan Pusat Statistik (Central Bureau of Statistics)   |
| BAPPENAS   | Badan Perencanaan Pembangunan Nasional (National Development Planning Authority)                                   |
| BKM        | Badan Keswadayaan Masyarakat (Community Self-help Organization)  |
| BP SPAMS   | Badan Pengelola Sarana Penyediaan Air Minum dan Sanitasi (Drinking Water and Sanitation Facility Management Board) |
| BUMD       | Badan Usaha Milik Daerah (Local Government-Owned Enterprise)   |
| Dinas PSDA | Dinas Pengelola Sumber Daya Air (Local Government Technical Agency)  |
| DPRD       | Dewan Perwakilan Rakyat Daerah (Local Parliament)  |
| Kotaku     | Kota Tanpa (National Slum Upgrading Program)   |
| PAMSIMAS   | Penyediaan Air Minum dan Sanitasi Berbasis Masyarakat (Community Based Water Supply and Sanitation)                |
| PDAM       | Perusahaan Daerah Air Minum (Local Water Company)  |
| PNPM       | Program Nasional Pemberdayaan Masyarakat (National Community Empowerment Program)                                  |
| PERDA      | Peraturan Daerah (Local Regulation)  |
| RPJMD      | Rencana Pembangunan Jangka Menengah Daerah (Local Mid-Term Development Plan)                                       |
| RPJMN      | Rencana Pembangunan Jangka Menengah Nasional (National Mid-Term Development Plan)                                  |
| SK         | Surat Keputusan (Decree)   |
| SPAM       | Sistem Penyediaan Air Minum (System for provision of Drinking Water)   |

## TABLE OF CONTENTS

|   |           |
|---|-----------|
| ABSTRACT.....   | v         |
| ACKNOWLEDGEMENT .....   | vi        |
| ABBREVIATIONS AND ACRONYMS .....                                    | vii       |
| TABLE OF CONTENTS .....   | viii      |
| LIST OF FIGURES.....  | x         |
| LIST OF TABLES .....  | xi        |
| <b>CHAPTER I INTRODUCTION.....</b>                                  | <b>1</b>  |
| 1.1 Background .....  | 1         |
| 1.2 Research Problem and Question .....                             | 3         |
| 1.3 Goal and Objectives .....                                       | 4         |
| 1.4 Research Contributions .....                                    | 5         |
| 1.4.1 Theoretical Contribution .....                                | 5         |
| 1.4.2 Practical Contribution .....                                  | 5         |
| 1.5 Scope of Research.....  | 5         |
| 1.5.1 StudyArea.....  | 5         |
| 1.5.2 Operational Definitions .....                                 | 6         |
| 1.7 Research Framework.....   | 7         |
| 1.8. Research Methods .....   | 8         |
| 1.8.1 Population and Sample.....                                    | 9         |
| 1.8.2 ResearchProcess.....  | 10        |
| 1.8.3 Data Collection .....   | 11        |
| 1.8.4 Data Analysis .....   | 12        |
| 1.9 The Outline of The Report .....                                 | 18        |
| <b>CHAPTER II LITERATURE REVIEW AND THEORETICAL FRAMEWORK .....</b> | <b>20</b> |
| 2.1 Literature Review.....  | 20        |
| 2.1.1 Urban Informality .....                                       | 20        |
| 2.1.2 Urban Water Supply.....                                       | 22        |
| 2.1.3 Informality in Urban Water Supply .....                       | 24        |
| 2.2 Theoretical Foundation .....                                    | 26        |
| 2.3 Theoretical Framework.....                                      | 28        |



|  |               |
|--|---------------|
| <b>CHAPTER III WATER SUPPLY IN TAMBAKLOROK.....</b>  | <b>30</b>     |
| 3.1 Water Supply in Semarang City.....   | 31            |
| 3.2 Water Supply in Kampung Tambaklorok .....  | 34            |
| 3.2.1 Physical Condition .....   | 34            |
| 3.2.2 Socio-Economic Condition .....   | 34            |
| 3.2.3 DemographicCondition .....   | 35            |
| 3.2.4 InformalWaterSupplyinTambaklorok .....   | 36            |
| <br><b>CHAPTER IV INFORMALITY IN URBAN WATER SUPPLY IN TAMBAKLOROK,<br/>SEMARANG .....</b> | <br><b>40</b> |
| 4.1. Lack of Access to Networked Pipe Water Supply .....                                   | 41            |
| 4.2. Water Utility Role .....  | 46            |
| 4.3. Non-networked Water Supply Practices .....  | 50            |
| 4.4. Research Findings .....   | 54            |
| <br><b>CHAPTER V CONCLUSION AND RECOMMENDATION .....</b>                                   | <br><b>61</b> |
| 5.1. Conclusion .....  | 61            |
| 5.2. Recommendation .....  | 62            |
| <br>REFERENCES .....   | <br>64        |
| APPENDIX .....   | 67            |

## LIST OF FIGURES

|              |   |                    |
|--------------|---|--------------------|
| Figure 1. 1  | Field study area.....   | 6                  |
| Figure 1. 2  | Research Framework .....  | 8                  |
| Figure 1. 3  | Research Process .....  | 11                 |
| Figure 1. 4  | Analytical Framework .....  | 13                 |
| Figure 2. 1  | Theoretical Framework.....  | 29                 |
| Figure 3. 1  | The context of Tambaklorok in the region of Semarang City .....   | 30                 |
| Figure 3. 2  | Administrative Map of Tambaklorok .....   | 31                 |
| Figure 3. 3  | Piping Network in Semarang City .....   | 32                 |
| Figure 3. 4  | Water Supply in Semarang City .....   | 33                 |
| Figure 3. 5  | Land Use in Tambaklorok .....   | 34                 |
| Figure 3. 6  | Number of Population Based on Livelihood in Tambaklorok.....  | 35                 |
| Figure 3. 7  | Informal Practice in Tambaklorok from 1980-Present .....  | 37                 |
| Figure 3. 8  | Water source in Tambaklorok .....   | 37                 |
| Figure 3. 9  | Informal Water Supply Mechanism in Tambaklorok .....  | 38                 |
| Figure 3. 10 | Water Supply Mechanism in Tambaklorok.....  | <a href="#">38</a> |
| Figure 4. 1  | Average Monthly Income of Households in Tambaklorok .....   | 42                 |
| Figure 4. 2  | Non-networked pipe water supply pricing.....  | 53                 |
| Figure 4. 3  | Water Expense .....   | 54                 |
| Figure 4. 4  | Assessment of Sub-Factors that contribute to the existence of informality in urban<br>water supply in Tambaklorok, Semarang ..... | 55                 |
| Figure 4. 5  | Informality in Urban Water Supply in Tambaklorok .....  | 59                 |

## LIST OF TABLES

|             |  |    |
|-------------|--|----|
| Table 1. 1  | Proportion of Questionnaires for Each Neighborhood Community (RW) .....  | 10 |
| Table 1. 2  | Analysis Technique .....   | 14 |
| Table 1. 3  | Scoring of The Assessment to Access to Networked Pipe Water Supply ..... | 17 |
| Table 1. 4  | Scoring of The Assessment to Access to Water Utility Role .....          | 17 |
| Table 1. 5  | Scoring of The Non-networked pipe Water Supply Practices .....           | 18 |
| Table 2. 1  | Some Examples of ‘Informalities’ in the Urban (Water) Services .....     | 25 |
| Table 3. 1  | Number of Population and Households in Tambaklorok 2016 .....            | 36 |
| Table 3. 2  | Number of Population Based on Age in Tambaklorok 2016.....               | 36 |
| Table 4. 1  | Networked Pipe Water Pressure Level Assessment .....                     | 43 |
| Table 4. 2  | Networked Pipe Water Quality Level Assessment.....                       | 45 |
| Table 4. 3  | Networked Pipe Water Water Cost and Transaction Assessment .....         | 46 |
| Table 4. 4  | Community Meetings Frequency Assessment.....                             | 47 |
| Table 4. 5  | Interest in Incentive for Connecting Assessment .....                    | 49 |
| Table 4. 6  | Participation in Decision Making .....                                   | 49 |
| Table 4. 7  | Non-networked Pipe Water Pressure Assessment .....                       | 51 |
| Table 4. 8  | Non-Networked Pipe Water Quality Assessment.....                         | 51 |
| Table 4. 9  | Non-Networked Pipe Water Water Cost and Transaction Assessment .....     | 52 |
| Table 4. 10 | Synthesis of factor of access to networked pipe water supply.....        | 56 |
| Table 4. 11 | Synthesis of Factor of Water Utility Role .....                          | 57 |
| Table 4. 12 | Synthesis of Factor of Non-networked water pipe practice.....            | 58 |