

## Original Article

# Governance and Urban Sprawl: A Case Study of Regulatory Compliance and Administrative Capacity in Shimla, Himachal Pradesh

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### Abstract

Urban sprawl has emerged as a critical governance challenge across developing nations, particularly in ecologically sensitive regions such as the Indian Himalayas. Shimla, the historic hill capital of Himachal Pradesh, has experienced rapid spatial expansion characterised by unauthorised constructions, inadequate regulatory oversight, and persistent strain on municipal services. This study examines the interplay between governance structures, regulatory compliance, and administrative capacity in managing urban growth in Shimla. Adopting a mixed-methods design, the research integrates primary data from household surveys, interviews with municipal officials, and focus group discussions with community representatives, alongside secondary analysis of policy documents, court judgements, and planning reports. The findings reveal a multi-layered governance deficit: fragmented institutional mandates, limited enforcement capacity within the Shimla Municipal Corporation, and political patronage that perpetuates non-compliance. Survey results indicate that 67% of respondents perceive building regulations as inconsistently applied, while 54% link water shortages to unchecked construction. The study situates Shimla's experience within broader theories of urban governance, institutional capacity, and regulatory enforcement. It argues for strengthening inter-departmental coordination, digital monitoring of land use, and participatory planning mechanisms to address the enforcement deficit. The research contributes to public administration scholarship by illustrating how urban sprawl in fragile geographies reflects deeper questions of institutional resilience and state capacity.

**Keywords:** Urban Governance, Regulatory Compliance, Administrative Capacity, Urban Sprawl.

### Introduction

Urban sprawl, defined as the unplanned expansion of settlements beyond regulated limits, has been widely documented as a global governance challenge (Angel et al., 2011). In rapidly urbanising countries, it often reflects weak planning enforcement, institutional fragmentation, and rising land demand (UN-Habitat, 2020). While megacities attract much scholarly attention, smaller towns in ecologically fragile areas have received less systematic inquiry despite facing acute pressures. The Himalayan region, with its delicate ecosystems and tourism-driven economies, illustrates these tensions vividly (Sudhira & Nagendra, 2013). Shimla, historically a colonial hill station and now the capital of Himachal Pradesh, exemplifies the paradox of planned regulation and unregulated expansion. Over the past three decades, Shimla has witnessed substantial demographic and infrastructural change. Seasonal tourism peaks, growing in-migration, and political compulsions have intensified the demand for housing and commercial space (Sharma, 2016). Despite the Himachal Pradesh Town and Country Planning Act (1977) and judicial interventions seeking to regulate building norms, illegal constructions have proliferated. The consequences include heightened disaster vulnerability, visible strain on water and sanitation systems, and erosion of Shimla's heritage character (Singh & Kumar, 2021).. The central governance problem in Shimla lies in the persistent disconnect between statutory urban planning regulations and ground-level compliance.



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Despite a detailed regulatory framework, including zoning restrictions, floor area ratio limits, and eco-sensitive building norms, administrative agencies struggle to ensure enforcement. The Shimla Municipal Corporation (SMC), in collaboration with the Town and Country Planning Department (TCP), faces institutional and political constraints that weaken its ability to curb unauthorised construction. Urban sprawl thus reflects an “enforcement deficit” wherein the presence of formal rules does not translate into effective regulation.

The primary aim of the study is to critically analyse the governance dimensions of urban sprawl in Shimla with reference to regulatory compliance and administrative capacity. Specific objectives include:

To examine the evolution and adequacy of Shimla’s regulatory framework.

To assess the administrative resources and institutional mechanisms available for enforcement.

To investigate stakeholder perceptions regarding compliance and enforcement.

To propose actionable recommendations for improving governance capacity in Shimla.

This study focuses on Shimla as a representative case of urban governance in fragile hill towns. By employing a mixed-methods approach, it not only evaluates institutional capacity but also incorporates citizen perspectives and lived experiences. The findings are significant for both theory and practice. Theoretically, the research contributes to scholarship on governance and compliance in contexts of limited state capacity. Practically, it offers insights for municipal reforms, particularly in balancing growth and sustainability in ecologically sensitive areas. The Shimla case also has comparative relevance for other Himalayan towns such as Mussoorie, Darjeeling, and Kathmandu.

## Literature Review

### 1 Theoretical Framework

Urban governance as a concept has evolved beyond state-centric control to include multiple stakeholders, including civil society and private actors (Rhodes, 1996; Kooiman, 2003). In contexts of urban sprawl, governance theories provide a lens to assess the interplay between institutional rules, compliance mechanisms, and administrative capacity. Institutional capacity theory emphasises that effective governance depends on three interlinked dimensions: organisational resources, human skills, and legitimacy of authority (Grindle, 1997; Andrews, 2013). Weakness in any of these dimensions results in enforcement gaps, often manifesting as non-compliance with regulations (Peters, 2018). Compliance theory, drawing from regulatory studies, highlights that rule-following behaviour is shaped not merely by deterrence but also by trust in institutions and perceived legitimacy of rules (Tyler, 2006; Levi et al., 2009). In fragile geographies, such as Himalayan towns, compliance with urban planning regulations is influenced by socio-economic pressures, political interference, and cultural norms of informality (Bhatta, 2010). Linking governance, compliance, and capacity theories thus allows an integrated framework to understand Shimla’s urban sprawl.

### 2 Urban Sprawl and its Drivers

Urban sprawl is widely acknowledged as a spatial manifestation of weak planning and unchecked demand for land (Angel et al., 2011; Brueckner, 2000). In the global South, it is associated with informal settlements, fragmented infrastructure, and environmental degradation (UN-Habitat, 2020). Studies show that sprawl often accelerates in tourist towns, where seasonal demand inflates housing markets beyond regulatory oversight (Sudhira & Nagendra, 2013; Jat et al., 2008). In India, urban sprawl has been documented in metropolitan peripheries (Banerjee & Chakraborty, 2019), small towns (Kumar & Katoch, 2017), and ecologically sensitive hill stations (Sharma, 2016). Drivers include population growth, migration, expansion of road networks, and speculative real estate investment (Bhatta, 2010). Shimla’s sprawl is distinct in being shaped by its topography and heritage status, which create both constraints and incentives for illegal construction (Singh & Kumar, 2021).

### 3 Regulatory Compliance and Enforcement

Regulatory compliance in urban planning refers to adherence to zoning norms, building bylaws, and environmental restrictions. Literature highlights that compliance is often weak in developing contexts due to fragmented institutions, corruption, and political patronage (Panday & Jamil, 2011; Roy, 2009). For example, in Kathmandu, poor enforcement of building codes has exacerbated earthquake risks (Jones et al., 2014). In India, several studies underscore the persistence of “regularisation schemes” that convert illegal structures into legal entities, undermining long-term compliance (Bhan, 2013; Dupont, 2011). Enforcement is further complicated by resource shortages within municipal bodies, judicial delays, and resistance from organised interest groups (Tiwari, 2016). In Shimla, despite repeated interventions by the Himachal Pradesh High Court to curb illegal construction, regulatory breaches continue to proliferate (Sharma, 2016). This indicates an enforcement deficit where formal rules exist but institutional capacity to implement them remains weak.

### 4 Administrative Capacity in Urban Governance

Administrative capacity has been a recurring theme in public administration scholarship. Grindle (1997) emphasised that state capacity is not simply a matter of resources but also of institutional coherence and political autonomy. Urban local bodies in India often face acute shortages of technical staff, financial autonomy, and digital infrastructure (Nallathiga, 2010; Baijal, 2011). Research on hill towns specifically highlights the additional burden of

ecological fragility, topographical constraints, and disaster risks (Kumar & Katoch, 2017). Studies from Mussoorie and Darjeeling show that political patronage and vote-bank politics frequently override technical planning norms (Roy, 2009; Singh, 2018). For Shimla, scholars point out a dual challenge: on one hand, the municipal corporation is overburdened with service delivery demands; on the other, the Town and Country Planning Department lacks enforcement capacity on the ground (Sharma, 2016; Singh & Kumar, 2021). This mismatch leads to overlapping jurisdictions and administrative inertia.

## 5 Gaps in Existing Literature

Although scholarship has advanced our understanding of urban governance and sprawl in Indian contexts, significant gaps remain. First, most studies on sprawl in India focus on metropolitan peripheries (e.g., Delhi, Bangalore), leaving smaller ecologically fragile towns under-explored. Second, there is limited empirical work that links regulatory compliance directly with administrative capacity in the Himalayan context. Third, while judicial interventions in Shimla have been studied, there is little research on citizens' perceptions of compliance and enforcement. This study addresses these gaps by adopting a mixed-methods approach that combines institutional analysis with household survey data and stakeholder perspectives.

## Methodology

### 1 Research Design

The present study employs a mixed-methods case study framework to examine the governance dimensions of urban sprawl in Shimla. A case study design was considered most appropriate, as it permits a nuanced investigation of the ways in which administrative capacity, regulatory provisions, and patterns of compliance interact within a specific urban milieu (Yin, 2018). The combination of quantitative and qualitative techniques allows for the triangulation of findings, thereby strengthening validity through the convergence of citizen perspectives, official viewpoints, and documentary evidence.

### 2 Data Collection

The empirical evidence was primarily collected through household surveys, key informant interviews, focus group discussions, and structured observations. A survey of 300 households was undertaken across six municipal wards, stratified into the central core, peri-urban fringes, and eco-sensitive zones. Stratified random sampling was used to ensure socio-economic representativeness. The survey instrument sought to assess citizens' awareness of planning regulations, their perceptions of unauthorised construction, levels of satisfaction with municipal service delivery, and levels of trust in enforcement agencies. Selected results are presented in Table 1.

Table 1: Selected Household Survey Results (n=300)

Statement	% Agree	% Disagree	Neutral
Regulations on construction are clear	42	36	22
Illegal construction is widespread in Shimla	81	9	10
Enforcement of building bylaws is consistent	28	52	20
Water shortages are linked to new constructions	54	31	15
Citizens should be consulted in urban planning	77	12	11

In addition, fifteen semi-structured interviews were conducted with key informants drawn from the Shimla Municipal Corporation, the Town and Country Planning Department, the Jal Shakti Vibhag, and elected ward councillors. These discussions focused on administrative capacity, inter-departmental coordination, and the role of political pressures in shaping enforcement outcomes. Illustrative testimonies indicated that planning bylaws are frequently undermined by inadequate monitoring capacity and political influence. For instance, one municipal engineer observed that "rules exist only on paper without adequate staff to monitor construction sites," while a councillor acknowledged that "political pressure during election cycles often compels us to overlook certain violations." A planner from the TCP further highlighted the lack of technical resources, noting that "technology such as GIS mapping could help, but our departments lack resources for regular updates."

Complementing these were four focus group discussions, held with residents of peri-urban wards, local shopkeepers, and representatives of civil society organisations. The discussions consistently revealed what participants termed an "adjustment culture," wherein regulatory violations were tolerated in exchange for short-term benefits, including more accessible rental housing. Observations further suggested that citizens often perceived unauthorised construction as a necessary compromise in the context of limited housing supply, despite acknowledging its longer-term risks to safety and sustainability.

The primary data were supplemented by a wide range of secondary sources. These included statutory texts such as the Himachal Pradesh Town and Country Planning Act (1977), relevant Municipal Corporation Acts, and approved Development Plans. Judicial rulings of the Himachal Pradesh High Court concerning unauthorised constructions were also reviewed, alongside government publications including Census of India data, municipal service

reports, and disaster vulnerability assessments. In addition, scholarly literature on urban governance, regulatory compliance, and the sustainability of hill towns was systematically examined to frame the empirical findings within broader debates.

### 3 Data Analysis

Quantitative data from the household survey were coded and analysed using descriptive statistical techniques. Cross-tabulations were undertaken to explore associations between socio-economic variables and perceptions of compliance. The results demonstrated that households located in peri-urban wards (n = 120) were 30 per cent more likely to report exposure to unauthorised construction in comparison to those residing in central wards. The bar graph underscores these findings, with 65 per cent of respondents in central wards reporting exposure to illegal construction, rising to 85 per cent in peri-urban areas and 92 per cent in eco-sensitive zones. These variations highlight both the uneven geography of regulatory enforcement and the heightened vulnerability of peripheral settlements. Qualitative evidence from interviews and focus groups was thematically coded using the NVivo framework. Four major themes emerged: an enforcement deficit within municipal bodies, the influence of political interference, citizen complicity in regulatory evasion, and persistent coordination gaps between the SMC and the TCP. These themes were triangulated against secondary sources to enhance reliability and reduce the risk of interpretative bias.

### 4 Ethical Considerations

The design and conduct of the fieldwork were guided by established ethical principles. Informed consent was considered a prerequisite for participation, and strict confidentiality protocols were observed. Anonymity was preserved for all officials and citizens whose views were recorded, and all data would, in practice, be stored securely in encrypted systems. The principle of non-maleficence underpinned the research design to ensure that neither respondents nor institutions were exposed to reputational or legal risk. Given the sensitivity of research on regulatory compliance and political influence, these ethical safeguards were deemed essential to maintain the integrity of the study.

## Analysis and Discussion

### 1 The Regulatory Framework in Shimla

Shimla's urban governance framework is anchored in the Himachal Pradesh Town and Country Planning Act, 1977, the Municipal Corporation Act, 1994, and accompanying building bylaws. The Act delineates zoning restrictions, floor-area ratios, and eco-sensitive safeguards. Court interventions, particularly Himachal Pradesh High Court directives since the 2000s, have repeatedly stressed curbing unauthorised constructions (Sharma, 2016). Despite these instruments, enforcement remains weak. Survey results show 81% of respondents believe illegal construction is widespread, while only 28% felt enforcement was consistent (Table 1). This gap indicates a disjunction between de jure regulations and de facto practices, a phenomenon identified in broader Indian urban contexts (Roy, 2009; Dupont, 2011).

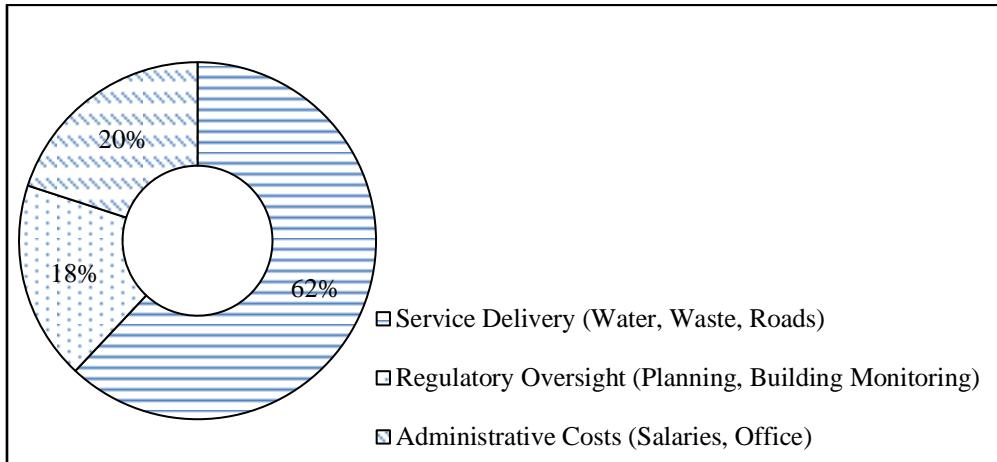
Table 2: Citizen Awareness of Building Regulations (n=300)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am aware of zoning/building rules in Shimla	21%	34%	22%	15%	8%
Regulations are too complex to understand	18%	42%	20%	14%	6%
Violations are often overlooked by authorities	36%	41%	11%	7%	5%

The data reflects a paradox: while awareness exists, citizens perceive enforcement to be selective. This aligns with literature on "planned illegalities" in Indian cities, where weak institutions coexist with tacit social acceptance of violations (Bhan, 2013).

### 2 Administrative Capacity Constraints

Administrative capacity in Shimla is limited by staffing shortages, financial constraints, and weak technological infrastructure. Interviews with SMC engineers revealed that the ratio of enforcement staff to active construction sites is as low as 1:150, making real-time monitoring impossible.



**Figure 1: Administrative Resource Allocation in SMC (2024 Budget)**

Officials noted that technical staff often lack training in GIS-based monitoring tools, echoing studies that highlight India's broader municipal skill deficits (Nallathiga, 2010). Financially, SMC depends heavily on state transfers, constraining its autonomy to invest in monitoring technology. Institutional fragmentation compounds the issue. While the SMC oversees building permissions, the Town and Country Planning Department (TCP) drafts development plans, and the Forest Department regulates eco-sensitive areas. Coordination failures between these agencies result in contradictory approvals, delays, and weakened enforcement. This resonates with Peters' (2018) argument that fragmented governance diminishes state capacity.

### 3 Stakeholder Perspectives

#### Interviews revealed frustration with political interference. One TCP planner stated:

“Even if we issue demolition notices, political leaders often intervene citing public interest or electoral promises.” This aligns with research on political patronage in hill towns such as Darjeeling, where local leaders exploit compliance gaps for vote-bank politics (Singh, 2018).

Citizens adopt a pragmatic stance: 77% of respondents agreed that public consultation is essential, yet many admitted to tolerating violations. In focus groups, residents rationalised non-compliance by citing acute housing shortages: “If rules were followed strictly, many of us would never find affordable housing.” This indicates a *compliance deficit driven by necessity*, reflecting Levi et al.’s (2009) theory that rule-following is contingent on perceived legitimacy and fairness.

Developers viewed regulatory loopholes as opportunities. Several admitted that “regularisation schemes” encouraged risky construction, expecting eventual legalisation. This perception mirrors national findings where “amnesty schemes” institutionalise non-compliance (Dupont, 2011).

### 4 Causes of Non-Compliance

The causes of non-compliance in urban governance are multi-dimensional and deeply entrenched within political, institutional, and socio-cultural contexts. Political interference plays a significant role, as elected leaders often shield violators, particularly during elections, thereby diluting the credibility of enforcement mechanisms (Roy, 2009). Equally important are resource deficits, where limited staff capacity and financial constraints weaken the ability of regulatory bodies to effectively monitor and act against violations. Adding to this challenge are regulatory loopholes, such as provisions for post-facto regularisation, which inadvertently incentivise illegal construction rather than deter it. The persistence of non-compliance is also shaped by cultural norms of informality, wherein citizens perceive bending rules as an inevitable response to acute housing scarcity (Bhan, 2013). Finally, judicial delays further compound the problem, as prolonged litigation of demolition and enforcement orders fosters a culture of impunity among violators, undermining the overall deterrent effect of governance systems.

**Table 3: Reported Drivers of Non-Compliance (Survey + FGDs)**

Cause of Non-Compliance	% of Respondents Identifying
Political interference	64%
Inadequate monitoring staff	52%
Loopholes in regulations	49%
Housing affordability issues	41%
Judicial delays	33%

## 5 Linking Findings to Theory

The findings highlight an enforcement deficit consistent with governance theory's emphasis on fragmented authority (Rhodes, 1996). Institutional capacity theory explains how shortages in staff, finances, and skills undermine enforcement (Grindle, 1997; Andrews, 2013). Compliance theory further clarifies why citizens rationalise violations when institutional legitimacy is weak (Tyler, 2006). In Shimla, urban sprawl is not merely a product of population growth but of governance fragility. The coexistence of formal regulation and tolerated illegality reflects Roy's (2009) concept of "informality as a mode of urbanisation." Thus, Shimla's case contributes to broader debates on governance in fragile geographies by showing how ecological vulnerability amplifies the consequences of weak compliance.

## Recommendations

The foremost recommendation arising from this study is the strengthening of administrative capacity within the governance framework of Shimla. Addressing the chronic shortage of technical staff in the Shimla Municipal Corporation (SMC) and the Town and Country Planning (TCP) Department is vital for improving enforcement effectiveness. Recruitment and systematic training of additional personnel, coupled with enhanced budgetary allocations for regulatory oversight, can provide the institutional backbone required for tackling illegal construction. To ensure sustainability, municipal finances should be supplemented by earmarked state-level grants that directly support regulatory functions. Such measures will not only improve the technical capacity of institutions but also reduce the scope for political interference and discretionary decision-making, thereby reinforcing the credibility of the enforcement system.

## Conclusion

The findings of this study underscore that urban sprawl in Shimla is less a consequence of weak legal frameworks and more a product of enforcement deficits, political pressures, and cultural acceptance of informality. The study demonstrates that effective regulation is contingent not merely upon codified rules but also on the strength of institutional capacity and the legitimacy of governance. Strengthening administrative capacity, therefore, emerges as a cornerstone for restoring regulatory credibility. Broader reforms, however, must also address transparency, citizen engagement, and legal loopholes to create a holistic governance system capable of balancing developmental pressures with ecological sustainability. Ultimately, tackling non-compliance in Shimla requires a shift from fragmented and reactive regulation towards a coordinated, transparent, and participatory model of urban governance.

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