Environmental governance on the street: Towards an expanded research agenda on street-level bureaucrats

Kirsty Holstead a,b,*, Mikkel Funder c, Caroline Upton d

a University of St Andrews, School of Management, North Haugh, St Andrews, KY16 9RJ, Scotland, UK
b James Hutton Institute, Social Economic and Geographical Science Group, Craigiebuckler, Aberdeen, AB15 8QH, Scotland, UK
c Sustainable Development & Governance, Danish Institute for International Studies, Oestbanegade 117, 2100, Copenhagen, OE, Denmark
d School of Geography, Geology and the Environment, University of Leicester, University Road, Leicester, LE1 7RH, UK

A R T I C L E I N F O
Keywords
Street-level bureaucrats
Environmental governance
Fontline work
Civil servants
Agency
Practice

A B S T R A C T
Research on environmental governance would benefit from greater attention to the practices, agency and subjectivities of the frontline civil servants who implement and shape environmental policies and interventions on the ground. These actors conduct the everyday work of bringing global agreements and state policies into being. In doing so, they influence how citizens experience the state and environmental governance. In this review paper, we provide a brief overview of existing literature on ‘street-level bureaucrats’ (SLBs). We then suggest three key research areas through which insights into the role of SLBs in environmental governance could be further developed, including (i) the nature of SLBs agency and practice as they enact global and national environmental agendas, (ii) the subjectivities of SLBs and how they affect environmental governance and (iii) the outcomes of the activities of SLBs on state-citizen relations. This research agenda has explanatory power in understanding existing and desired environmental governance.

Introduction

Environmental policies and agreements do not move automatically from political decision-making to practical implementation. They are carried forward by actors who mediate, shape and enact them through everyday environmental governance (Cornea et al., 2017). In this paper, we argue for greater attention to one particular group of actors, whose role in shaping environmental governance deserves more attention – the civil servants who operate at the ‘street level’. These actors, such as local planners, enforcement officers, technical experts and community engagement specialists, working across environmental domains including water, forestry and climate change, conduct the everyday work of bringing policies into being on the ground. In doing so, they occupy a significant position at the interface between the state and citizens. While there is a well-established literature on street-level bureaucrats (SLBs) in diverse areas related to social policy including health care, security and education, the academic literature is more limited for environmental governance.

This review paper is structured as follows: we first provide a brief overview of existing literature on street-level bureaucrats. This is not an exhaustive review; rather summarise the main contours of pertinent scholarship. We then suggest three key areas for future research to advance understandings of the roles of SLBs in environmental governance including: (i) the nature of their practice and agency in the enactment of global and national environmental agendas, (ii) their subjectivity and how this affects environmental governance and (iii) the outcomes of SLB activities on state-citizen relations. We end with short conclusions.

2. Who are street-level bureaucrats and why do they matter in environmental governance?

The seminal work of Lipsky (1980, 2010) conceptualised SLBs as civil servants who operate at the front line of the state, come into contact with citizens and influence how they experience and receive state services. This, and later work recognised street-level bureaucrats as
influential in public policy because of the strong degree of discretion and agency they have as enact and translate policies in everyday settings. Since then, other studies have expanded our understanding of SLBs and their work, exploring their roles as ‘boundary spanners’, facilitators and intermediaries, and how they respond to changes in policy processes, demands for accountability and changing governance configurations (Durose, 2011; Van Asche et al., 2020; Van Meerkerd and Edelenbos, 2018; Bartels, 2020; Sager et al., 2020).

Within environmental governance, various practitioners’ fora exist in which SLBs engage to share experiences (Fauer et al., 2015), but the academic literature is more limited. We suggest that greater attention to SLBs in this field can provide a range of benefits. First, SLBs have a significant role in determining how environmental governance takes place and is experienced by the public. Charged with everyday implementation, they must negotiate the challenges and accountabilities of their roles and affiliations with other actors, and in some cases may even circumvent the interests of their organisations (Sager et al., 2020). Increased attention to these actors can provide a deeper understanding of how governance is achieved, the barriers and challenges they experience and how they may (re)shape policies as they are ‘translated’ into local situations (Funder and Mweemba, 2019). Second, the front-line nature of their work means that SLBs influence not only citizens’ experiences of the state and public state services, but also citizens’ perceptions of their own role in governance and society. As such, increased attention to SLBs in governance can add important new dimensions to our understanding of state-citizen interactions (Bartels, 2020). SLBs are thus critical but sometimes overlooked or simplified actors in the governance process, whose position at the interface between the state and citizens deserves more attention within studies of environmental governance. In the following, we briefly describe key literature and points of entry that can help further this research agenda.

3. Brief overview of the literature

Street-level bureaucrats are considered across a range of literature. However, two distinct bodies, namely, Public Administration and Anthropology, provide the most focused and sustained attention to these actors. We provide brief comments on these and their application to environmental governance, before highlighting our proposed research agenda.

3.1. Street-level bureaucrats in the Public Administration literature

The work of Lipsky on SLBs (1980/2010) was developed in the context of Public Administration Studies and remains influential within the field. A key interest here are the attributes of street-level bureaucrats and how they shape their activities. Internal factors such as the disposition, values and beliefs of individual bureaucrats are accentuated as influencing the conduct of street-level bureaucrats across diverse areas of public policy (May and Winter, 2009; Harris, 2019). A second focus of literature explores Organisational factors and their effects, such as the norms and management paradigms often in operation within the context where SLBs work (Brodick, 2011). Finally, how SLBs employ agency and discretion and to what end forms a third area of scholarship. Scholars focus on a wide range of ‘coping strategies’ during public service delivery as well as possibility of SLBs, accountability, how they view themselves and others they work with (Tummers et al., 2015; Zacker, 2017; Bijllevan and van Huls, 2020).

3.2. ‘Interface bureaucrats’ and anthropologies of the state

A parallel interest in everyday bureaucratic practices has developed in anthropological studies of the production of the state (Bedenschot and van Klinken, 2018; Sharm and Gupt, 2009). This includes a developing body of work on “interface bureaucrats”, which explores the work of local state actors at the interface between public institutions and citizens (Bierschenk and Olivier de Sardan, 2014; De Herdt and Olivier de Sardan, 2015). Much of this literature draws on studies of African states. While it emphasises the importance of contextual factors, it also explores fundamental aspects of the “everyday state” (Olivier de Sardan, 2015), thus resonating with the work in Public Administration studies. Health, education, policing and justice are key areas of interest in anthropological studies of the state. Themes explored include how SLBs negotiate the dual role of administering state monopolies on violence whilst also delivering public services (De Herdt and Titeca, 2016; Hamani, 2014); the social connectedness and networks of SLBs (Anders, 2009; Blundo, 2015); and the significance of “practical norms” in their behaviour (De Herdt and Olivier de Sardan, 2015).

3.3. Prior work on the role of street-level bureaucrats in environmental governance

Within the above bodies of scholarship, a developing strand examines the work of SLBs specifically in environmental governance. This includes work on environmental managers and regulators (Horne et al., 2016; Sev and Sandstrom, 2017); scientists working in state environmental agencies (Arnold 2014); irrigation officials (Ricks, 2016); forest and wildlife rangers (Kauer et al., 2018; Poppe, 2012); and implementers of climate change policies (Christoplos et al., 2017; Lindegaard, 2018). These studies provide important insights into: the characteristics and organisational contexts of SLBs in environmentally related fields (Trusty and Cerveny, 2012); how discretionary practices may reshape policies (Sev and Jagers; Funder and Mweemba 2019); and how enforcement styles may vary and have different impacts (Horne et al., 2016). Outside of the literature focused specifically on SLBs, their roles have also periodically been examined. This includes Political Ecology and Development Studies, where critical studies have examined how SLBs may extend external domination and resource control in environmental governance (Cleaver, 2018; Nightingale, 2017), or otherwise engage in natural resource conflicts and contested developmental interventions in the Global South (Furlong et al., 2017; Tsing, 2011).

While the existing literature has provided important insights on which further work can build, in-depth studies of the specific practices and agency of SLBs remain comparatively scarce in broader work on environmental governance. Existing scholarship provides limited insight into who contemporary environmental SLBs actually are, how their subjectivities are formed and shape their discretionary actions, and what their pragmatic practices and agency mean for environmental governance.

4. Moving forward: interrogating the role of street-level bureaucrats in environmental governance

To progress understandings of street-level bureaucrats in environmental governance we argue for more sustained attention to the three (non-exhaustive) research areas below.

4.1. What is the nature of street-level practice and agency in environmental governance?

A fertile ground for exploring the work of street-level bureaucrats in environmental governance is the processes whereby global and national agendas and programmes on e.g. climate change are implemented and ‘domesticated’ by SLBs. Public Administration literature demonstrates how SLBs actively employ discretion in the implementation and interpretation of policies, regulation and enforcement in health, education and law, and in so doing may reshape the nature of policy and public services on the ground (de Winter and Hertog, 2020; Tummers and Beckers, 2014; May and Winter 2009). This includes pragmatic responses when faced with the day-to-day challenges of their roles (Bijllevan and van Huls, 2020). The anthropological work mentioned above highlights how such discretionary actions can become institutionalised
as “practical norms” that guide SLBs in carrying out their work in complex local realities (Olivier de Sardan, 2015).

The existing work that explores the role of SLB discretion in environmentally related fields suggests that their impact on shaping policy and regulation is significant here also. This includes contexts where formal procedures might otherwise appear to be firmly in place, e.g. in the implementation of EU water regulation (Seva and Sandstrom, 2017) or the enforcement and monitoring of environmental regulation (Horne et al., 2016). Other work in environmental regulation and forestry demonstrates how SLBs may engage in processes of ‘bricolage’ or ‘crafting’ whereby regulatory arrangements are pieced together in practice (Kairu et al., 2018). In such processes, SLB’s may adapt policies to fit local circumstances, or include more substantive efforts to re-shape the nature of government policies (Funder and Mweemba, 2019; Furlong et al., 2017).

These and other studies on SLB practice in environmental fields are however scattered, limited in number and would benefit from (i) being expanded and explored in-depth in a greater variety of settings and (ii) being systematically compared across different environmental governance contexts. Future theorising could specify the factors accounting for different practices, or key areas and kinds of discretion. For example, what is the form and extent of SLB discretion under different political and institutional conditions? Such research could be enriched by linking to broader work in Organisational Sociology on “Institutional Work” (Reuben and Patterson, 2019; Lawrence et al., 2011) and ‘practice’ literature (Orr et al., 2016; Van Asche et al., 2020; Blijleven and van Hulst, 2021). Recent research on SLBs in public policy has further highlighted how ‘service hybridisation’ places responsibility for public services in the hands of a range of actors, including both private sector and regulatory bodies, thereby potentially blurring the boundaries between the functions of public sector SLBs and similar actors in other domains (Sager et al., 2020; Abbott et al., 2017; van de Heijden, 2017). The implications of such processes for SLB agency in environmental governance are important to understand at a time where relationships between public and corporate domains are increasingly fluid (Vatn, 2018).

4.2. How do the subjectivities of street-level bureaucrats affect environmental governance?

The role of SLB subjectivities and implications for environmental governance remain poorly understood. How do the identities, perceptions and social status of SLBs shape and how are they shaped by - their position as frontline workers in environmental interventions, and what does this mean for their conduct? The existing literature on SLBs provide initial entry points for exploring this, emphasising how SLBs must negotiate moral judgement, professional and personal identities, policy beliefs, ideals and aspirations in their work (Zacka, 2017; Lundmark, 2020; Bartels, 2020). Some aspects of official policies and discourses may be subconsciously engrained in the outlook of SLBs through organisational culture and training, but other aspects may jar with personal normative convictions, and with SLB’s experience of ‘what works’. Personal ideals and professional standards may be at odds with ineffective, hierarchical and even corrupt government organisations. The challenge of balancing such inconsistencies may lead to disenchantment and abandonment of efforts to change organisational practice, turning instead to reproducing them (Lipsky, 1980), but it can also lead to efforts to drive change (Hahonou, 2015; Hamani, 2014).

Few studies have explored the relationship between SLB subjectivities and their conduct within environmental governance, although some work has touched on this issue. Blundo and Glasman (2013) examined the positionalities of “bureaucrats in uniform” in forest and wildlife agencies, and the implications for SLB practices. Horne et al. (2016) found feelings of disempowerment among field officers in pollution regulation, connected to changing roles and a narrowing discretionary space, leading some to abandon ideals. Funder and Mweemba (2019) showed how field staff disagree with climate change interventions that they are implementing, and therefore modify them.

A more in-depth exploration of the role of SLB subjectivities and what they mean for everyday environmental governance is needed. A key issue is how the changing dynamics of markets, states and civil societies in environmental governance affect SLB subjectivities (Christopoulos et al., 2017). What, for example, does a greater reliance on market mechanisms and private actors in environmental regulation mean for the ways SLBs perceive and make sense of their roles, and how does this affect their practices and agency? A further theme is how SLBs align their composite and complex professional identities, such as being enforcers of environmental regulation, while at the same time being required to facilitate inclusive stakeholder-driven approaches (Maynard-Moody and Musheno, 2006). How, for example, do their personal ideals align with interventionist or inclusive regulatory practices, and what does this mean for their dispositions? To examine such issues, we suggest widening the conventional lens of SLB studies to link with broader work on power and subject positions (Bourdieu, 1990; Fletcher and Cortes-Vazquez, 2020) and sociological literatures on sense-making (Weick, 1995).

4.3. How does the work of SLBs affect state-citizen relations in environmental governance?

Within the broader literature on SLBs the focus has often been on their practices, while the outcomes of their work are often unclear or presumed (Brodkin, 2015). Nevertheless, the outcomes of SLB actions clearly reach beyond their immediate tasks of service provision and regulatory functions. Studies within Political Ecology and other fields have explored the broader dynamics of domination, power and resistance between state actors and communities in environmental governance (Sultana, 2020). Yet we know little about the outcomes of SLB discretion and subjectivities within this dynamic.

SLBs not only influence how people receive state services but serve as mechanisms though which citizen’s social status and identities are mediated (Soss et al., 2011). Interactions with SLBs can be formative in mediating how citizens see themselves in relation to the state and their own position in society. The literature shows how SLBs may also shield, buffer and adapt the formal demands of their organisations vis-à-vis citizens (Tummers et al., 2015). This includes bending rules or using personal resources to help citizens. In some cases, SLBs step outside their position as “state agent” and become “citizen agents” (Maynard-Moody and Musheno, 2000; Zacka, 2017; Bartels, 2020). These actions have unanticipated consequences both in how SLBs regulate their emotions and professional positions, as well as in terms of outcomes of governance and policy implementation and state-citizen relations.

Within environmental governance specifically, research on the effects of SLB conduct on state-citizen relations are mostly found outside the conventional SLB literature. Examples include Cleaver’s (2018) work on how everyday accommodation reproduces inequalities in water governance, studies of how Forest Officers shape community forest management discourse in directions that sustain state control (Li, 2007; Nightingale, 2005), and work in legal anthropology on the role of local officials in the dynamic production of public authority through land contestations (Lund, 2006).

We suggest that this scholarship can be expanded to further theorise the outcomes of SLB work in terms of both the discursive and material effects of their actions in environmental governance. This includes moving our perspective beyond issues of domination and resistance towards understanding the outcomes of pragmatism, co-production and increasing hybridisation of services and governance. Key to the activities of many SLBs is compromise and collusion with other actors. Does the work of SLBs merely reproduce the authority and legitimacy of the state in environmental governance, or are there unintended outcomes? More broadly, what types of citizens benefit from the work of SLBs, and what forms of environmental governance does it (re)produce? Examination of
such issues could benefit from linking SLB studies to broader approaches in anthropology, sociologies of power and critical institutionalism (Cleaver and De Koning, 2015) that seek to explore the “awkward engagements” (Tsing, 2011) of multiple actors whose interactions produce outcomes that are not necessarily predictable.

5. Conclusion

In this paper we spotlight street-level bureaucrats as understudied actors in environmental governance and provide a review of the somewhat-fragmented existing academic literature. SLBs should be seen as significant actors in their own right, and future research should usefully focus on them and their interactions with other local actors as they (re)interpret, perform and (re)-shape policies and programmes. We suggest three key (but non-exclusive) areas for development including (i) the nature of SLBs agency and practice (ii) the subjectivities of SLBs, and (iii) the outcomes of SLB activities on state-citizen relations in environmental governance. Interrogating environmental governance not only necessitates an analysis of formal policies and organizational arrangements, but also the informal and often hidden work of streetlevel actors, who operate at the intersections of governance. We argue that this orientation has explanatory power in understanding existing and desired environmental governance. By looking inside the ‘front-line’ to uncover the subjectivities, discretionary qualities and outcomes of governance practice, scholars and practitioners can understand the key moments where environmental policies and outcomes could be rendered differently.

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

Acknowledgements

The authors would like to thank Dr Shona Russell for commenting on the paper, as well as an anonymous reviewer. We also gratefully acknowledge the funders of our research. KH’s work is funded by the Scottish Government’s Hydro Nation Scholars Programme.

References


