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Putting community to use in environmental policy making: Emerging trends in Scotland and the UK

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Abstract

Community is frequently called upon in policy to meet environmental challenges. It is increasingly recognised that the success of these environmental interventions relies on community awareness and action. But what this emphasis on community does, and what the impacts are, are often neglected, or left uncritiqued. To explore this issue, we surveyed literature from the UK across four distinct environmental domains—energy, urban greenspace, water, and land—to chart what characterises the use of community in pursuit of environmental goals. We highlight the main conceptual commonalities across the domains by focusing on research that gives insight into the increased interest in communities in environmental policy. In summary, we posit that where community is used environmentally, it brings with it (a) a reframing of justice, (b) processes of 'public making,' and (c) a rescaling of governance.

KEYWORDS

Community Policy, Environmental Policy, Energy, Greenspace, Land, Water

1 | INTRODUCTION

Community is frequently called upon in environmental policy, both internationally, and also in the UK (Walker, 2011; Warren, 2002). Increasingly, the success of environmental policy relies on community awareness and action. For example, communities develop energy projects to meet targets, and run and manage community gardens. In the UK, a range of policy initiatives and documents aim to support the role of community actors in environmental governance through the provision of funding and institutional support.

The role of community in environmental projects has been the subject of much research (for example see, Agrawal & Gibson, 1999; Middlemiss & Parish, 2010; Bomberg & McEwen, 2012; Creamer, 2015; Fischer, Holstead, Hendrickson, Virkkula, & Prampolini, 2017). In what is a wide and capacious field, one of the few aspects which unifies research on community and the environment is a search for meaning. Walker and Devine-Wright revivified this topic with their 2008 article: 'Community renewable energy: What should it mean?' Much research has since focused on the various meanings attached to community—whether as a place or interest, place, feeling or technique of governance (see Table 1) and has considered how the notion of community is used or employed in different contexts (Catney et al., 2014; Taylor Aiken, 2016; Taylor Aiken, Middlemiss, Sallu, & Hauxwell-Baldwin, 2017). This work is helpful in highlighting the associations attached to community and how the concept can be mobilised to meet different goals. It also usefully encourages one to be vigilant and critical of how policy actors may use community and to what ends.

In this article, we argue that this body of work misses an important point: rather than just what community may mean in a given context, we ask what community actually does, or what are the outcomes of an increasing emphasis on community in environmental policy? To explore this question, we surveyed literature in four distinct environmental domains to chart what characterises the use of community in pursuit of environmental goals. Because we focus on the use of community, and its outcomes, we do not seek to ask what community itself may mean in any given context. Instead, we highlight the main conceptual commonalities across the environmental domains of energy, water, greenspace and land by focusing on research that gives insight into the increased interest in communities (in all their guises) in environmental policy. We posit that where community is used environmentally, it brings with it (1) a reframing of justice, (2) an element of 'public-making', and (3) a rescaling of governance.

We contend that this is important for two reasons. First, although community is called upon frequently in environmental policy, there is less understanding of the impacts of this trend. Policy impacts in relation to communities are typically measured in terms of number of funding applications, jobs created, meals served, or weight of food produced (Dinnie & Holstead, 2017). However, what the emphasis on community does when it is used to meet environmental challenges is often neglected, or left uncritiqued. Second, research on community and the environment is spread thin and wide—disparately spanning domains and disciplines. Therefore, this paper pulls together broad-ranging research to explore its commonalities. This article addresses this gap by exploring the outcomes in the literature of an increased reliance on community in environmental policy making.

We have chosen to focus on the UK and particularly Scotland; however, we do not intend this review to be exhaustive. Literature on community governance frequently cites the UK as an example (Rose, 1999; Wallace,

TABLE 1 Example of the multiple meanings and understandings of community (this list is not exhaustive). Adapted from Taylor Aiken, 2016a

	Definition of community	Sources
Community of place	Community emerging from a shared location such as a town, street, or neighbourhood	e.g., Markantoni and Woolvin, 2015; Taylor Aiken, 2018
Community of interest	Community formed though a shared interest, for example, a desire to reduce waste, or low impact housing. Can also be community though shared epistemic understanding and beliefs.	e.g., Pickerill, 2011; Bulkeley and Newell, 2010; Pickerill, 2016
Community of communion	A feeling of belonging, for example, those who have been though a similar experience, partake in a shared practice or identity.	e.g., Howell, 2012
Community as a gesture	When an organisation (i.e., a business) feels socially compelled to use the term 'community', but little changes in practice.	e.g., Walker and Devine-Wright 2008; Warren and McFadyen, 2010

2016). Moreover, Scotland and the UK have been showcased as best practice and as places where communities have a strong role in policy relating to environmental governance (Bulkeley, 2015; Walker & Devine-Wright, 2008). In using the UK as a case study, we would like to challenge others to explore if our findings are similar in other contexts.

The paper, first, briefly describes the main themes that have arisen from our literature review. We then summarise how these themes have been discussed in each environmental domain (energy, water, greenspace, and land ownership). We end with some concluding points including future research and areas of emerging interest.

2 | KEY THEMES

Below, we take four separate environmental domains—energy, water, urban greenspace, and land—and chart the emergence, characteristics, and current state of play in these areas where notions of community are used to meet environmental objectives. In particular, we show how an increased interest in community in environmental policy has led to: (1) a reframing of justice, (2) an element of 'public-making', and (3) a rescaling of governance. We first briefly describe these themes, before moving on to discuss in more detail how they appear in each environmental domain.

2.1 | Justice

Across the domains covered, we see community's uneasy or ambiguous relationship with inequality and empowerment of people and places with least resources. Often community actors themselves hold community as a progressive (in a broad sense) goal, empowering people to improve local environmental conditions, and wider socio-environmental well-being (e.g., Haf, 2016). Research across the different environmental domains often has evaluative and normative qualities, and has provided impetus to rethink who wins and loses in environmental projects, where injustices occur, as well as how they can be remediated and avoided (Forman, 2017; Haf, Parkhill, McDonald, & Griffiths, 2018; Milbourne, 2012; van Veelen, 2018).

Communities are sometimes said to do the work that states have done in the past (Somerville, 2011). However, when seen as an alternative to the state, rather than a supplement to state action, community involvement to reach environmental outcomes has potentially regressive tendencies. As Rose (1996) argues, using community as a governmental tool can fragment broader collective endeavours. Encouraging people to become active and responsible for their own decision-making—when accompanying state retrenchment—can imply action coming from only those with sufficient capacity and resources, potentially excluding less well-resourced actors (Bradley, 2014). It is not always this clear-cut; nonetheless, it highlights a need to be attuned to how community is embroiled in a morally open and sometimes questionable set of processes and outcomes (Taylor, 2007; Taylor Aiken, 2017, 2018).

2.2 | Public making

When community is called upon in environmental policy, it becomes both an agent and an object of governance. To illustrate this point, in community led energy production for example, community is a process (there is often a set of administrative and institutional processes involved) and an agent (a collective of people come together to develop an energy project). However, community is also an outcome—there is a performative element to what communities do, what they look like, and their role in governance (Walker & Devine-Wright, 2008). The use of community in environmental policy therefore both enrols communities, involving them in the process of governance, but it also produces and shapes them (e.g., see Agrawal, 2005; Eden, 2017). This shaping can take the form of influencing their activities, interests, and subjectivities (Marres, 2012; Marres & Lezaun, 2011). Community groups may for example focus their activities on producing tangible outcomes as a result of public funding (Creamer, 2015; Dinnie & Holstead, 2017; Fischer et al., 2017; Taylor Aiken, 2016).

2.3 | Re-scaling of governance

When community is called upon in environmental policy, governance is often 'rescaled', meaning that actions which may have traditionally been carried out by the state are expected to be carried out by community, and other nonstate actors. Geographical literature on rescaling the state now takes for granted that decision-making does not simply cascade downwards, but instead is "created, constructed, regulated and contested between, across and among scales" (Bulkeley, 2005, p. 876). The UK has "explicitly devolved environmental responsibilities downwards" through incorporating communities in environmental poliy (Gibbs & Jonas, 2000, p. 303). This, and the shift from 'government to governance' combines an increase in deliberative decision-making, where public participation is seen as positive (Swyngedouw, 2005). Some have suggested this is the result of a decentralisation of the state (Batterbury & Fernando, 2006), and others note 'destatisation' (Jessop, 2005) to understand the declining direct role of the state in matters of governance.

At the root of critical geographic literature there is a "rejection of the notion of scale as a bounded, territorially complete concept" (Bulkeley, 2005, p. 884). Yet, as we identify in this paper, community, and the so-called community scale, is still often portrayed as bounded, territorially embedded, and fitting within a hierarchy of scales that sees it as a level above the individual, or family, but below the regional, city, or national scale.

We next move on to discuss how these themes are dealt with in each of our environmental domains (energy, water, greenspace, and land). Table 2 summarises this work.

2.4 | Energy

One of the most common ways to understand the justice implications in energy projects where community groups are involved is the split between process and outcome of community energy (Walker & Devine-Wright, 2008). These community energy schemes—including but not limited to community-owned renewable energy schemes—are presumed to provide positive outcomes ranging from environmental, financial, and social benefits, including reskilling, a greater cohesiveness with neighbours, as well as intangible benefits such as community spirit or place attachment (Bulkeley & Fuller, 2012; Haggett & Atken, 2015; Moloney, Horne, & Fien, 2010; Mulugetta, Jackson, & van der Horst, 2010; van Veelen & Haggett, 2016; Walker, Devine-Wright, Hunter, High, & Evans, 2010). More critically, Eadson (2016) draws attention to the ways that the rise of community energy in the UK accompanies an increasing 'governing-at-a-distance', and individualised or atomised policy. The uneven distribution of 'winners' and 'losers' and positive and negative effects produced by changes in the energy system have given rise to a focus on 'energy justice' approaches to explore the implications of this way of organising (Fuller & MacCauley, 2016).

Regarding rescaling of governance, community involvement in energy projects also act to 'territorialise' energy policy. Territorialisation is "a form of behaviour that binds, reifies and controls space for some social end" (Lövbrand & Stripple, 2006, p. 218). Territorialisation organises space, and is shaped by political power (Brenner & Elden, 2009; Bridge, Bouzarovski, Bradshaw, & Eyre, 2013; Elden, 2010; Lefebvre, Brenner, & Elden, 2009). Territorialisation works at various scales and in the UK context community involvement in energy projects accompanies a 'will to devolve'. Nationally, community energy plays a discursive and practical role in the Scottish Government's proclamation that Scotland would become the 'Saudi Arabia of renewables' entrenching the idea of a nationally independent territory. Community energy is territorialised as an expression of wider norms and agendas such as localism, subsidiarity, or market-mediated social relations.

Moreover, in the UK, community can be a site for localism or the assumption that the (local-) community is the right or most appropriate context for energy transition. Separate schemes in both Scotland and England—the Low Carbon Transition Plan (2009) and the Community Energy Strategy (2014)—sought to mobilise territorially defined communities as agents of an energy transition (Creamer et al., 2018; Eadson, 2016; Eadson & Foden, 2014; Markantoni, 2016; Seyfang, Hielscher, Hargreaves, Martiskainen, & Smith, 2014). Delegating responsibility reflects wider trends such as austerity and in Scotland reinforces a Scottish Government agenda that decisions ought to be taken at the most local level

TABLE 2 Environmental domains and themes

Theme	Domain			
	Energy	Water	Land	Green Space
Justice	A clear emerging theme of 'energy justice', which focuses on the winners and losers that (changes in) energy systems produce.	Less discourse around justice when compared to other domains. Justice described in terms of self-determination and enabling people to participate in decisions that affect them, as well as fair pricing for water services.	Community land is often framed as related to social justice. This refers both to historical struggles for land rights, and to present day concentration of land ownership. Community Land Trusts implicitly draw on notions of justice in discussions of housing affordability and on the wider significance of the housing market.	Communities mobilised in reaction to perceived injustice over the loss of good quality local green space and/or removal of urban areas from common ownership. A general pattern of those with existing resources being able to act, and a lack of engagement with 'harder to reach' demographic groups.
Public making	Accomplished partly through rooting community within a specific territory (community of place), rather than seeing community and social togetherness being location dependent.	Communities and publics are framed as able to make a difference in environmental policy through increased opportunities for participation. In demand management water users are viewed as individuals, concerned with water pricing, who are able to shape their own water uses. There is little conception of shared social practices, or collectives around water.	Community land ownership raises questions about the constitution of the 'land public', i.e., who has the right to make decisions about land, and on what basis. Policy has supported local residence rather than e.g., agricultural interest, or historical connections. Complex relationship between politics of crofting (long established smallholder agriculture) and new community land movement.	Publics of green space activism closely linked to re-scaling and de-stating. These are produced through practices and discourses of conservation, self-reliance and/or resistance.
Re-scaling of governance	Community energy accompanies a national rhetoric of subsidiarity at the national level in Scotland, and reduces this further in practice, delegating environmental responsibilities to the local level.	There is more interest in participatory and deliberative decision-making tools. Inclusion of community actors aligns with discourses of 'good governance', and the belief that they can improve the legitimacy, quality and longevity of decisions.	Part of policy shift to deliver public policy goals through supporting local initiatives rather that local, regional or national scale interventions. In general some overlap with 'justice' issues, as community ownership seen as moving power away from distant decision-makers (private or public sector) and vesting it in local residents.	Not necessarily rescaling rather than a 'destating' of many previously state-held functions such as maintenance. Site of both grassroots self-empowerment and co-option to government programmes. Necessarily and unavoidably linked to other governance institutions, in particular local government and often sub-local government (e.g., parish councils).

possible, associating community with local (Taylor Aiken, 2015). This containment of community, rhetorically and territorially, within a 'community of place' also produces it as a viable, preferable form of public (cf. Chilvers & Pallett, 2018).

2.5 | Water

The role of communities in water provision and management is most commonly discussed in relation to the Global South, where communities have been central actors in water provision: raising funds, managing and governing water resources (Adams & Zulu, 2015; Agrawal & Gibson, 1999; Bakker, 2008; Cleaver, 2012; Marston, 2014). In Scotland, community-led provision and management does exist, although is less common. Instead, driven by international dialogue and agreements such as The Aarhus Convention, and the UN Conference on Environment and Development 1992, community engagement with water in Scotland is seen as part of the 'participation agenda' and frames justice issues around the importance of stakeholders having a say in decisions affecting them (Jager et al., 2016; Reed, 2008). In water management and policy, increased community involvement aligns with wider discourses of 'good governance', and the normative view that the knowledge and input of non-state actors such as citizens and NGOs, improves the legitimacy, quality, and longevity of decisions (Evans, 2012; Holley, Gunningham, & Shearing, 2013; Newig & Fritsch, 2009; Sharp, 2017).

The term community, is often not explicitly discussed in these debates. It is instead enveloped in the range of actors that are referred to as 'the public' or similar. The Water Framework Directive (WFD) prescribes planning and implementation of its procedural requirements to be done with the active involvement of stakeholders, water users and the public (Jager et al., 2016; Waylen, Blackstock, Marshall, & Dunglinson, 2015). Similarly, The Flood Risk Management (Scotland) 2009 Act places more emphasis on consultation, public access of data, information, and flooding plans, with the aim to engage citizens in issues around flooding. Requirements to include these (community) actors in water policy are cited as a widespread institutional adaptation, paradigm shift or a rescaling of governance, and have strengthened the need for inclusive and deliberative modes of governance at the river basin level. Nevertheless, how communities can impact water policy is still openly questioned, especially given concerns around hierarchies of knowledge, power, and a dominance of engineering-based thinking and value systems (Blackstock & Richards, 2007; Irwin, 2006; Newig & Fritsch, 2009; Sharp, 2017; Waylen et al., 2015; Wesselink, Colebatch, & Pearce, 2014; Zwarteveen et al., 2017).

There is a strong element of public making in the area of water provision and demand management in the UK. Here, community involvement in water policy is framed in terms of system innovation to reduce costs, and water usage (Hoolohan & Browne, 2016). As such, water users are positioned as customers responsible for their own water use (Browne, 2015; Hoolohan, 2016; Hoolohan & Browne, 2016; Strengers & Maller, 2012). In England, the commercialisation of mains water provision has led to a re-scripting, and reimagining of community actors as customers (rather than citizens or community collectives) with an individualised notion of water use and a shift from considerations of social to economic equity (Bakker, 2003a; Bakker, 2003b; Sharp, 2006; Sharp, Macrorie, & Turner, 2015; Sharp, 2017). The political economy (Bakker, 2003b) and professional practice of the water industry—including the centrality of values of safety, reliability, value for money, and a dominance of economic rationality shape and constrain interventions in domestic water demand (Hoolohan, 2016) as well as visions of community-led management and notions of justice (Strang, 2004).

Here, a specific public is created. Water users are envisioned as individual micro resource managers, exhibiting self-reflection and choice about water services and usage, though appropriate price incentives and information provision. This vision fails to acknowledge how people are entrenched in shared social systems of meaning and how daily water habits are influenced by technology and infrastructure (Browne, Pullinger, Medd, & Anderson, 2014; Maller & Strengers, 2013; Strengers & Maller, 2012). Browne et al. (2014) highlight collective aspects of showering and other bathroom routine showing that home water usage is shaped by norms around good hygiene, and objects such as shower design. As such in the area of water demand, communities in their engagement with water are seen as an

amalgamation of individuals, with little acknowledgement of how they form part of collectives and take part in socially shared practices which shape water demand.

2.6 | Urban greenspace

Greenspace has long been a site of urban governance to shape the conduct of communities (Marne, 2001; Perkins, 2010). In this domain, community is frequently equated to people who live locally, despite greenspace being 'host' to multiple forms of community and community organising. Community involvement in UK greenspace is linked to rescaling through political systems. In the UK, community engagement in greenspace provision rose to prominence during the Labour governments from 1997-2010, and later through Conservative policies and discourses of austerity and localism (Dempsey & Burton, 2012; Mathers, Dempsey, & Frøik Molin, 2015). However, community as a vehicle for governmental interests is less direct than in the case of energy (for example): local authorities (LAs) engage with and put communities to use, while the UK's central government has issued broad statements supporting (local) communities—for instance, in planning guidance—without directly implementing governmental programmes (Mathers et al., 2015).

Recent policy focus sees communities as greenspace owners, managers and maintenance workers. In the context of budget cuts LAs are increasingly keen to use community groups to address funding shortages (Mathers et al., 2015). Communities groups are encouraged to carry out the maintenance and upkeep of urban greenspaces formerly provided by the state (Perkins, 2010). This community engagement is akin to what Catney et al. (2014) term BS (Big Society/bullshit) localism where greenspace publics are produced instrumentally as a governmental tool to prop up ailing local service provision.

In other instances, the formation of publics has emerged from a discourse of resistance and reclamation or protection and conservation. A wide range of examples show communities creating new greenspace by reclaiming vacant land for food production, biodiversity or as leisure spaces (see Garnett, 2000; Kurtz, 2001; Smith & Kurz, 2003; Ghose & Pettygrove, 2014a). In Scotland, this has been adopted as a strategic cause by some public and voluntary sector organisations including funding provided by some LAs to implement temporary greenspace projects on vacant land.

Urban community gardens have become sites of conflict and a space to fight for issues of justice (Domene & Saurí, 2007; Eizenberg, 2012; Ghose & Pettygrove, 2014b; Pudup, 2008; Rosol, 2012). Community gardens often come into being to combat a range of urban maladies including urban food insecurity, environmental degradation, and urban disinvestment (Ghose & Pettygrove, 2014a). Typically, LA representatives can see communities as a stop-gap where the state failed to provide attractive public greenspace (Mathers et al., 2015; Milbourne, 2012; Rosol, 2012). However, outsourcing paid work to unpaid volunteers produces new social inequalities. It reduces both the potential for paid employment in the so-called green economy and narrows participation to those who have the capacity and resources (Perkins, 2010). Yet community activists have regularly been found to seek self-determination and decision-making power, holding diverse and vital resources (Firth, Maye, & Pearson, 2011; Milbourne, 2012). Through 18 UK case studies, Milbourne (2012, p. 954) shows the role of community gardens in "re-making the physical, ecological and social spaces of the city" and empowering disadvantaged people and places. In this sense communities are seen as both sites of enrolment and resistance to tendencies of state retrenchment and marketisation in cities (Roy, 2011).

Justice issues also come to the fore in thinking about the politics *within* communities. Engagement with greenspace is often officially apolitical but embroiled in the 'micro-politics' of community action (Creamer, 2015) and community groups can find themselves accused of assumed ownership among a largely white, older, 'middle class' demographic (Dinnie, Brown, & Morris, 2013).

2.7 | Land ownership

Community land ownership in Scotland largely emerged in the Highlands and Islands in the 1990s (for accounts of the process see Reid, Birley, Watson, & Flyn, 1996, Brennan, 1999, Campbell, 2001, MacAskill, 1999, MacPhail,

2002, McIntosh, 2004, Dressler, 2007, Hunter, 2012, McMorran, Scott, & Price, 2013). There is a long history of struggles by the region's population for land rights (Hunter, 2000; Wightman, 2010). It is perhaps not surprising, then, that community land ownership has been framed by activists, and sometimes by policymakers, as a matter of justice. This is not only in relation to this history, but also to the present day concentration of land ownership in Scotland (Hunter, Peacock, Wightman, & Foxley, 2013). Community Land Scotland, the umbrella body for community landowners, has actively argued for social justice. This framing has helped land reform become a matter of national (Scotland-level) politics (Dewar, 1998; LRRG, 2014; McCrone, 2001) and the Scottish Government has now adopted a Land Rights and Responsibilities Statement that links land reform to "a fairer and more prosperous country" (Scottish Government, 2017).

In England and Wales, community land trusts (CLTs) have emerged more recently, although they have existed in the US for some time (Davis, 2010), and tend to focus on land for housing. Justice as a motivator for their work is implied in their strong emphasis on "affordable" housing, and providing "social benefit" (Heywood, 2016, Ryan-Collins, MacFarlane, & Lloyd, 2017) in a housing market that is "hurting communities" (National CLT Network, 2018).

Community land ownership raises questions about the constitution of environmental publics - who is included in the community that has the right to make decisions about land, and on what basis. In Scotland, the Highlands and Islands has latterly been widely represented as a tourist destination for "enjoying publics" (Butler, 1985; Devine, 2006; Higgins, Wightman, & MacMillan, 2002; McKee, Warren, Glass, & Wagstaff, 2013). Some see local ownership as a means to assert a different vision of the environment, prioritising the interests of "working publics" (MacKenzie, 2012) or simply of local residents as opposed to "rewilding" visions (Dalglish, n.d.; Community Land Scotland, 2017). Policy actors have tended to favour a place-based interpretation of community, based on local residence. However, at local level, sensitivities remain around conceptions of 'locals' and 'incomers' (Burnett, 1998; Jedrej & Nuttall, 1996; Creamer, Allen, & Haggett, under review) or to what extent crofting[1] defines a community (Braunholtz-Speight, 2015a; Brown, 2007; Brown, 2008; Bryden & Geisler, 2007). South of the border, Community Land Trusts are also created to serve the needs of 'local communities'—and they sometimes experience similar definitional issues (Moore, 2014).

In Scotland, state support for community land emerged in part out of regional policymakers' experience of the difficulty of working with some private landowners for local development (Lloyd & Shucksmith, 1985). However, while many community bodies bought out private landowners, there have also been programmes of disposal of public sector land—notably in forestry (Lawrence, 2009). And more generally, it is notable that the community land ownership movement marks a break from a prior history of Scottish land reform debates that centred on the nationalisation of land (Bryden & Geisler, 2007). State interventions such as the Land Reform Act in 2003, and the allocation of financial assistance (from the Lottery) and technical support (delivered by Highlands and Islands Enterprise) can therefore be seen as part of a wider rescaling and reimagining of how public policy goals are to be achieved.

In England and Wales, policy actors' engagement with CLTs has been more muted. Successive governments have given some support, but CLTs have not become a totemic policy issue. Arguably the peak of policy interest was connecting to rescaling of the state, when the coalition government's 'localism' agenda offered various powers to community organisations (Featherstone, Ince, Mackinnon, Strauss, & Cumbers, 2012; Moore, 2014, Heywood 2015).

Questions of the scale of environmental governance also overlap with questions of justice to some extent. Community ownership is seen as moving power away from distant decision-makers (private or public sector) and vesting it in local residents, and is therefore sometimes analysed in terms of decentralisation of power and democratisation of natural resources (Braunholtz-Speight, 2015a, 2015b; Hoffman, 2013). Others connect such actions to wider scales, as part of a Scotland-wide narrative of struggles over land rights (Wightman, 2010), inequality in the UK housing market (Ryan-Collins et al., 2017), or in the context of global resistance to neoliberal and modernist ideas about property and nature (MacKenzie, 2012; McIntosh, 2004).

3 | DISCUSSION AND CONCLUSION

Community is a ubiquitous term today used in a variety of ways to meet environmental objectives (Taylor Aiken et al., 2017). This article responds to this trend, through analysis of four core domains (energy, water, greenspace, and land ownership), to provide an exploration of the ways that community is utilised in UK (particularly Scottish) environmental policy. In this paper, rather than explore the meaning of community, which has been more typical in this area, we sought to explore the outcomes of the increased interest in community in environmental policy. Through an extensive literature review our academic contribution is the identification of the main thematic threads running across four core domains when community is used environmentally, these are (1) as a reframing of justice (2) as a process of environmental 'public-making', and (3) a rescaling of governance. These trends are not total but reflect much of the commonalities and patterns that characterise the use of community in environmental policy.

We see each of these as increasingly relevant and helpful in understanding the ways in which community is used environmentally. Our work may be used by policymakers to neatly grasp the state of the art in theoretical analysis when using community environmentally, for example it encourages to take the implications for community beyond the traditional metrics such as number of funding applications, jobs created, meals served; in doing so, it opens up the possibility for considering the themes we identify here. Community activists may use our work to better understand the social, economic and political context within which they operate.

This article focuses on the UK. In bounding our review in this way, we exclude much international literature. Community water management for example has been encouraged in the Global South by development agencies such as the World Bank since the 1990s, and many have focused their research on these sites. Therefore, we challenge others to explore international literature to understand whether the main trends we identify exist, or more interestingly, where divergences can be found. Regardless, we are convinced that each of these three crosscutting themes (justice, public making, and a rescaling of governance) will be a source of revivification of studies of community and environment in the coming years.

ENDNOTES

[1] A long-established form of smallholder tenant agriculture

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