

CHAPTER 8

**DECENTRALIZATION, RURAL LIVELIHOODS, AND PASTURE-LAND
MANAGEMENT IN POST-SOCIALIST MONGOLIA**

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Summary

Mongolia's post-socialist transition since 1990 has included, among other changes, reforms toward democratic decentralization. For natural resource governance, and pasture-land management in particular, decentralization has been at best incomplete and at worst 'empty'. It has created an institutional vacuum that herders and others have sought to fill with recourse to formal and informal, new and old arrangements. Herding households are also rapidly increasing against a background of economic hardship and vulnerability. The effects include an altered distribution of grazing pressure, with discernibly adverse impacts on the pastoral environment, and acceleration of already rising inequality. Democratic decentralization could help to restore environmental and social justice.

Introduction and objectives

In 1990 Mongolia embarked on a far-reaching series of political and economic reforms following the demise of the former Soviet bloc of which it had been a part for some 70 years. In common with post-communist transitions elsewhere, these reforms aimed to bring about a separation of the political, executive, and judicial pillars of the state, and to increase the role of markets rather than the state in allocating resources within society. This reform agenda remains far from complete, however, and is far less tidy in practice than the notion of 'transition' implies [cf. *Nelson et al., 1997*]. Contemporary Mongolia is characterized by a mosaic of formal and informal institutions, including the results of new experiments in policy making seen alongside the remnants of old arrangements and patterns of behavior.

Any attempt to understand the forms that decentralization has taken in Mongolia to date, and its consequences for natural-resource management, must be seen in and distinguished from this broader context of post-socialist transition. A problem of attribution arises. Post-socialist transition and decentralization both involve the transfer of powers from state to non-state bodies and efforts to increase the accountability of public institutions. Decentralization is here understood to refer to formal transfers of power 'to actors and institutions at lower levels within a political-administrative and territorial hierarchy' [*Agrawal and Ribot, 1999: 475*]. Democratic decentralization, more specifically, is said to occur when 'power and resources are transferred to

authorities representative of and downwardly accountable to local populations' [Ribot, 2002:4]. Although they have so far been modest in scope, and stronger in rhetoric than in reality, government efforts to advance a democratic decentralization agenda in Mongolia may be regarded as a sub-set of the broader domain of transition reforms, which also include some of the institutional prerequisites for decentralization of natural-resource management to work in practice (e.g. a closer specification of property and resource-access rights and credible rule-enforcement mechanisms). The problem of attribution arises because of the difficulty of distinguishing the outcomes of these overlapping sets of policy reforms in terms of their consequences for local livelihoods and natural-resource management practices.¹

This article makes no claims to resolve this problem of attribution. It begins by describing what is intended by decentralization in statements of current government policy, contrasting this with the forms decentralization takes in practice, and offering a brief synopsis of the current status of decentralization in Mongolia, benchmarked against a number of other developing countries. The article then applies the 'actors, powers, and accountability' framework [Agrawal and Ribot, 1999; Ribot, 2002] to show how certain far-reaching policy reforms over the past decade, including important elements of democratic decentralization [Manor, 1999], have contributed to significant changes in local livelihoods and pasture-land management practices. While the stated intentions of many of the reforms in question are to promote environmental justice² and social inclusion, their practical outcomes currently have precisely the opposite effects. Finding that these adverse outcomes are in part a reflection of incomplete decentralization, the article concludes with reflections on some of the critical missing elements of a democratic decentralization agenda that could help to restore social and environmental justice in pasture-land use and management.

This case study is based on field research by the author on pastoral livelihoods in areas representing diverse ecological and market-access conditions throughout rural Mongolia in several periods over the course of the 1990s [Mearns, 1993a, 1993b, 1996, 1997; NSO and

¹ The problem of attribution of environmental outcomes to changes in public policy is not unique to decentralization or post-socialist transition. A growing literature on the imputed environmental implications of 'structural adjustment' suffers from similar methodological flaws, as discussed elsewhere [Mearns, 1991]. Other analytical frameworks that offer insights into the linkages between public policies and livelihood and environmental outcomes include the environmental entitlements framework [Leach et al., 1999], the capitals and capabilities framework [Bebbington, 1999] and the sustainable livelihoods framework [e.g. Ellis, 2000].

² This has been defined as 'The right to a safe, healthy, productive and sustainable environment for all', irrespective of individual and group identities including socio-economic status (Environmental Justice Resource Center at Clark Atlanta University, <http://www.ejrc.cau.edu/>). In this paper the term is used broadly to refer to equitable access to pasture land and associated key resources such as water sources and salt licks.

*World Bank, 2001*³]; insights gained from the author's ongoing management of the World Bank's support for 'pro-poor' rural development in Mongolia; and published secondary sources.

Decentralization as policy

To what extent is decentralization currently claimed as a tenet of policy by the government of Mongolia, both in general and in relation to natural resource governance and environmental justice in particular? Textual analysis of relevant official documents reveals that 'decentralization' is intended in several different and potentially far-reaching ways. General statements of intent are offered in the government's overall Action Program, which mirrors the manifesto on which the present government was elected with a landslide victory in June 2000 [*GoM, 2000a*]. This document sets out an ambitious agenda including the promotion of regional and rural development, in part to address the over-concentration of economic opportunity in the capital city and central, more market-accessible regions of the country⁴; increasing accountability in the public sector; increasing the capacity of local governments to generate revenues over which they have discretionary control; and offering citizens 'greater opportunity to directly monitor the performance of their elected Citizen's [sic.] Representative Hural [assemblies] and the executive agencies nominated by the Hural' [*GoM, 2000a: 53*].

Other relevant declarations of government policy include the recently enacted Public Sector Management and Finance Law (PSMFL), which seeks to increase the accountability and effectiveness of public sector institutions at all levels while also respecting the need for fiscal restraint and sustainability [*GoM, 2002a*]. The PSMFL calls for a shift from input-based budgeting to output- or performance-based budgeting, aims to put more authority in the hands of local assemblies and clarify the responsibilities of local governments, overhauls the existing system of inter-governmental transfers, and devolves service delivery functions to local providers, under the oversight of local assemblies [*World Bank, 2002*].

The government's 'Good Governance for Human Security Program' refers to 'decentralizing and empowering local self-governance and local administration' [*GoM, 2001: 12*], and aims to support 'stakeholder consultation, voice, and participation' in the broader policy process, including 'monitoring ...citizen satisfaction and recommendations with regard to services, rights,

³ The Participatory Living Standards Assessment 2000 [*NSO and World Bank, 2001*], led by the author, drew on the experiences and perceptions of some 2,000 rural and urban community members throughout Mongolia, systematically elicited using participatory learning and action methods, in order to compile a profile of livelihood sources, strategies, and dynamics throughout the 1990s, differentiated according to well-being status, gender, age, and geographical (regional and rural/urban) location.

⁴ See Law of Mongolia on Regionalized Development Management and Coordination [*GoM 2003a*] with supporting documents including the Regional Development Concept (approved by parliament in 2001) and Medium-Term Regional Development Strategy.

and government responsiveness to citizen demands' [GoM, 2001: 14]. The government's Economic Growth Support and Poverty Reduction Strategy (EGSPRS) echoes the broad theme of raising public accountability, notably through greater public voice in and scrutiny of the budget process [GoM, 2003b].

Concerning claims for decentralization as policy with respect to the environment more specifically, most official sources [NCSDM, 1999; GoM, 2000b] refer principally to the need to enhance citizen voice and participation in decision-making, monitoring and evaluation, usually mediated through civil society institutions. These are not binding policy documents, however, and few concrete, budgeted proposals are made to advance them. In the case of the National Environmental Action Plan, cursory mention is made of the principle of subsidiarity: 'decisions on environmental issues are to be taken at the lowest appropriate level' [GoM, 2000b: 16]. The EGSPRS, however, goes further than most other government documents in outlining a strategy with respect to natural resource governance that involves support for herder groups to undertake collective action in grassland and pastoral risk management, and support for effective implementation of the land law. A recently formulated rural development strategy, prepared in part as an input to the EGSPRS, fleshes this out in further detail [CPR, 2002].

Decentralization in practice

To what extent is this democratic decentralization agenda being translated into practice? In this section, we consider some of the binding physical, demographic, and fiscal constraints before turning to the specific case of pasture-land management. With a total population of 2.4 million people in an area virtually the size of western Europe, Mongolia is probably the most sparsely populated country in the world. Excluding the population of the capital city, Ulaanbaatar, in which one third of the total population lives [NSO, 2001],⁵ there is an average of roughly one square kilometer of land for every person.

There are three levels of sub-national administration below central government: *aimags* and the capital city have provincial status; next down the hierarchy fall *sums* (rural districts) and *duuregs* (urban districts of the capital city); and lowest of all are *bags* (rural sub-districts) and *khoroos* (urban sub-districts). *Aimags* have an average population of around 75,000; *sums* around 5,000; and *bags* less than 1,000. There is an elected assembly or *khural* at each of the three tiers of sub-national government.⁶ Each sub-national level also has an executive administration headed by a

⁵ Anecdotal evidence suggests that the official data from the National Statistical Office of Mongolia underestimate the population of Ulaanbaatar, owing to high rates of influx of unregistered in-migrants in recent years. Some estimates put the true population of Ulaanbaatar at closer to one million.

⁶ An exception to this is the *bag*, in which the *khural* comprises all residents who have reached the age of majority. The *bag* is not formally a territorial or budget entity.

governor who is nominated by the respective *khural* and formally appointed by the governor at the next-highest level. *Aimag* governors, for example, are appointed by the Prime Minister.

There is an inherent tension in the PSMFL in seeking to increase public-sector effectiveness in delivering high-quality services to such a dispersed population while also exercising fiscal restraint. One legacy of the former socialist regime, which achieved remarkable (though fiscally unsustainable) health and education outcomes, was a high political expectation that these public services would continue to be delivered at similar levels in the future. This is one half of the twin paradox that the PSMFL struggles to resolve: how to deliver more with less.

Powerful governors at *aimag* and *sum* levels are the key actors in local space, but in practice they have little downward accountability to their local constituencies. The primary accountability of governors is upwards to central government. While *aimag* and *sum*-level assemblies (*khurals*) are elected, their actual role as oversight bodies is very limited. Their functional jurisdiction is vaguely defined and they appear to be more a forum for consultation than for making decisions. This is unlike the state Great *Khural* (national parliament), which is empowered to initiate or amend legislation, and has a constitutionally defined role in which it must approve and legislate on certain decisions before the executive branch of government can act.

Mongolia has made significant strides since 1990 towards creating a decentralized democracy, including this important separation of citizens' representative assemblies from the executive branches of government which, at least in theory, they oversee. At the sub-national level, however, the system of inter-governmental transfers currently in place has not created fiscally autonomous, self-governing local authorities, for three main reasons [World Bank, 2002]. First, there are large asymmetries between the expenditure responsibilities of local governments (which have been growing) and their decision-making authority (which is heavily circumscribed by the many mandated functions they are assigned in law, notably in service delivery). Second, local governments have little or no capacity to raise revenues of their own. And third, the system of inter-governmental transfers on which sub-national governments rely for the overwhelming majority of their revenues is unpredictable and inequitable. Overall, levels of fiscal decentralization are very modest indeed.

The financial autonomy of sub-national governments is currently restricted under the budgetary process and the General Taxation Law (2000), which subjects all major taxes to state legislation, including payment for use of 'state resources' such as mineral deposits, land, timber, and water. Sub-national governments have the right to levy user fees for certain natural resources (for example, natural plants other than timber, mineral springs), but these revenue sources are very small in relation to local budgetary needs, which leads to extreme fiscal dependence on central government. The revenue and expenditure autonomy of *sums* and *bags* is negligible, and accounts for less than one percent of all budget revenues and expenditures in Mongolia. Local *khurals* can levy taxes on local enterprises but in practice virtually all enterprises are registered

in Ulaanbaatar and a few other urban centers. Inter-governmental transfers are also subject to political bargaining. Horizontal inequities between sub-national jurisdictions are striking, but do not necessarily correspond to their widely varying populations and tax bases.

The other half of the twin paradox facing the PSMFL, then, is how to achieve downward accountability of public sector institutions to their local constituents when the financial resources on which they depend are derived almost entirely from the center. This creates an inbuilt tendency for upward accountability to predominate. Local people are more likely to demand accountability from public institutions, and local governments more likely to be responsive, when local resource mobilization and/or transparency in inter-governmental transfers are more closely matched with public service delivery obligations. This remains a distant goal in Mongolia.

In sum, a highly imbalanced pattern of decentralization prevails in Mongolia, compared with a sample of fourteen other developing countries (see Figure 1). This snapshot captures the intended and unintended consequences of past policies as actually implemented, whether or not those policies were promulgated in the name of decentralization. Measured against a set of standardized criteria developed by the World Bank for this purpose,⁷ contemporary Mongolia has been characterized by substantial though incomplete political decentralization, but little administrative decentralization and virtually no fiscal decentralization [McLean, 2001].⁸ Administrative decentralization follows a deconcentrated pattern in which governors and their staffs report upwards to the next-highest level of government; technical staff report primarily to national line ministries or their respective provincial departments. There is little opportunity for elected assemblies to exert any influence over technical department staff and quality of service delivery at their respective level of government, and therefore little incentive for local

⁷ The Decentralization Assessment Module was developed by Hans Binswanger, Andrew Parker, Johan van Zyl, Suzanne Piriou-Sall, Keith McLean, Graham Kerr, and Melissa Williams as a product of the Decentralization, Fiscal Systems, and Rural Development research project. Analytical framing for this research was provided by Manor [1999].

⁸ It is important to note that the definitions of these terms as used by McLean [2001] differ significantly from those used by Ribot [2002]. To assist in making cross-country comparisons, the Decentralization Assessment Module used by McLean [2001] employs a set of indicators to characterize the three dimensions of decentralization: administrative, fiscal, and political. Administrative decentralization refers primarily to accountability relationships between civil servants and local governments. Political decentralization refers to the extent and transparency of an electoral system at various levels of government, and the degree to which election outcomes are representative. Fiscal decentralization refers to the degree of local government autonomy over revenue-raising capacity and expenditure decisions. For Ribot, 'political or democratic decentralization occurs when powers and resources are transferred to authorities representative of and downwardly accountable to local populations' [2002:4], while fiscal decentralization is considered to be a cross-cutting element of both deconcentration (or administrative decentralization, again *contra* the definition used by McLean [2001]) and political decentralization.

populations to use their elected representatives as a channel for articulating concerns and making claims in this respect. Evidence from the Mongolia Participatory Living Standards Assessment 2000 confirms that community members are widely dissatisfied with the extent to which local governors and elected representatives take account of their needs and aspirations [NSO and World Bank, 2001].

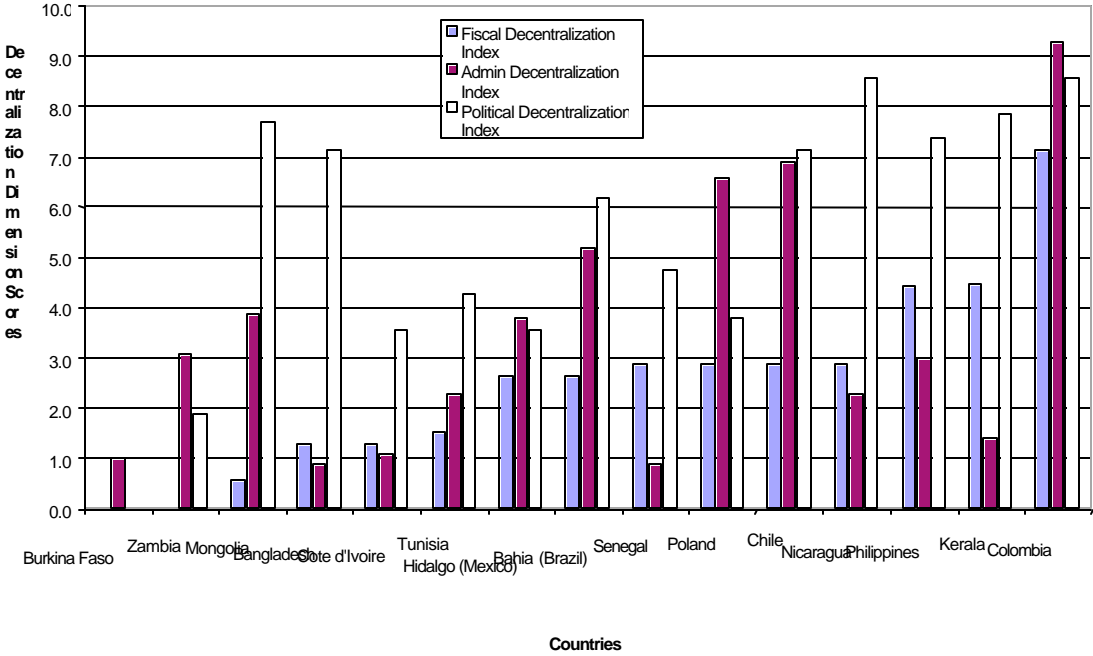


Figure 1: National Decentralization by Dimension in Mongolia and 14 Other Countries
 SOURCE: McLean [2001].

Decentralization and pasture-land management: an unfinished agenda

Against this challenging background within which decentralization reforms are being pursued, we now examine the forms decentralization has taken in the specific case of pasture-land management. Under Mongolian conditions, sustainable pasture-land management is primarily achieved by maintaining a spatial separation between the pastures used in different seasons, and ensuring that they are grazed only in those seasons (‘time-partitioning’). Local patterns of resource use can vary widely from year to year given natural variability in precipitation and forage growth [Mearns, 1993b]. Spatial and social (user-group) boundaries therefore tend to be deliberately ‘fuzzy’, permeable, overlapping, and dynamic, which calls for resilient institutional forms to enable groups of resource users to coordinate their actions, make internal agreements ‘stick’ with credible sanctions, and renegotiate access rights on an ongoing basis [Bruce and Mearns, 2002; Fernández-Giménez, 2002; Goodhue and McCarthy, 2000; Turner, 1999]. For such local-level collective action to be effective, various forms of support are required from the state, particularly in making essential infrastructure investments and providing inputs and

services to help manage risk; in the transparent and fair adjudication of disputes when local mechanisms fail; and in providing for negotiation between higher-level authorities over resource-access rights during times of drought or winter emergency.

Institutional arrangements governing pasture-land management have undergone profound transformation over the past decade in ways that reflect a virtual abdication of public administration rather than decentralization or purposive intervention. This is in contrast to earlier periods in modern Mongolian history—most notably during collectivization over the 1950s-80s—in which apparently radical changes at the formal level took rather syncretic, adaptive forms in practice [Mearns, 1993b; Fernández-Giménez, 1999]. Such adaptive outcomes in the post-transition era may yet emerge. For the time being, however, pastoral land use is characterized more by a breakdown in established coordination norms, owing to a dramatic rise in the number and heterogeneity of herders combined with the near absence of public support in areas critical to the security and sustainability of their livelihoods.

Significant changes in pasture-land management practice were introduced under collectivization, including investments in water supply, winter shelters, hay and fodder production, and transportation for making nomadic moves; and species-specialization in livestock production at the herder camp level [Humphrey, 1978]. While some of these changes partially displaced customary forms of collective action in herding, and tended to restrict seasonal nomadic moves within *bag* (then known as ‘brigade’) territories, they did not alter the basic seasonal rhythm of pasture-land use. In many respects, pasture-land management under collectivization was marked by the dual control of formal regulatory institutions and informal coordination norms [Mearns, 1993a, 1993b; Fernández-Giménez, 1999]. Nominal control of decisions concerning who would graze where and when was transferred from individual households to managers of pastoral collectives and state farms, but in practice the outcomes varied little from customary tenure patterns.

Over the 1990s, with the onset of economic transition, several important shifts in pasture-land management practice were brought about. One of the most striking features of change in rural Mongolia in the early 1990s was the re-emergence of the *khot ail* as the primary unit of social organization among herders in all but the most arid regions of Mongolia [Mearns 1993b, 1996].⁹ The *khot ail* is a fluid group of herding households that cooperates in livestock and pasture management, notably to take advantage of labor economies of scale. It appeared in the early 1990s that *khot ails* might have the potential to ‘federate’ upwards spontaneously into informal grazing associations, and to perform an important function in regulating access to seasonal pastures, mimicking the formal process of ‘time-partitioning’ of pasture use that prevailed under the collectives. This potential was generally not realized, however, as a result of other driving

⁹ *Khot ails* based on kinship ties were suppressed during the collective era of the 1950s-80s, being temporarily replaced by ostensibly non-kin-based production units of one or two households known as *suuri*.

forces that limited the extent to which herding communities could operate as self-governing grazing associations.¹⁰

For example, limited livelihood opportunities outside the livestock sector during the harsh economic conditions of the early to mid-1990s led to a doubling in the number of herding households, which increased as a share of total population from 17 percent in 1990 to around 35 percent by the mid-1990s.¹¹ As rural communities swelled in size, they also became more heterogeneous. The gains from the privatization of state and collective assets were unequally distributed, and inequality in livestock holdings began to increase dramatically. Older, more established and new herding households had divergent interests and levels of skill and experience in livestock production, which both contributed to rising inequality and reduced the likelihood of successful collective action in pasture-land management [Mearns, 1996].

Newer herding households tended to be formerly non-herding state employees made redundant by economic liberalization, and were more likely to remain sedentary for much of the year in locations close to settlements where access to markets and social services was more assured. In many places they were often marginalized in the distribution of winter shelters, which rendered them more vulnerable to livestock mortality during harsh winter conditions, and more dependent on social connections with established herders with more secure claims over winter camp sites and associated pastures as a means of gaining access to pasture. The net effect of changes of this sort was a marked decline in pastoral mobility, and an over-concentration of grazing pressure around settlements and close to roads. As argued below, this decline in mobility has emerged as one of the principal threats to the sustainability of pastoral livestock production [WRI, 2000; World Bank, 2003; cf. Niamir-Fuller, 1999].¹²

¹⁰ For further views on the character and historical dynamics of the *khot ail* as an institution, see Bold [1996] and Sneath [1999].

¹¹ It is important to note that the National Statistical Office of Mongolia distinguishes between full-time 'herding households' (which rely primarily on livestock as a source of livelihood) and 'livestock-owning households' (for which livestock is not the primary source of livelihood), and reports data for both categories. While the number of full-time herding households increased steadily through the 1990s, the total number of livestock-owning households actually declined slightly over the same period, after an initial increase over 1990-92. This initial increase was largely accounted for by household-splitting to form new households, so that extended families could maximize their entitlements to livestock from the privatization of state and collective assets, calculated on a per-household basis.

¹² In spite of the recent relative decline in pastoral mobility in Mongolia, levels of mobility remain significantly higher than in the neighboring Inner Mongolia Autonomous Region (IMAR) of China. A graphic illustration of the environmental consequences of this difference in livestock production strategies is seen in satellite imagery of Mongolia's southern border with China, from which the generally poorer vegetation condition of IMAR compared with Mongolia can be clearly discerned [Sneath 1998]. This simple illustration is a clear demonstration of the importance of pastoral mobility for sustainable grassland management in dry-land Inner Asia.

While these changes may not give the appearance of decentralization, a decentralization of sorts has taken place as the state has retreated from a direct role in regulating pasture-land allocation and use. In the institutional vacuum that has prevailed, the rules or claims that take precedence in determining who grazes where and when are often unclear. The land law enacted in 1994 appeared to provide a permissive or enabling framework for sustainable pasture-land management, but it contained significant areas of ambiguity, and local governors and other key actors received little guidance as to how to interpret and apply the law in practice. As a result, divergent approaches to adjudicating claims and resolving the now widespread pasture-land disputes have been adopted in different jurisdictions [*Erdenebaatar and Batjargal, 2001; Fernández-Giménez and Batbuyan, 2000; Hanstad and Duncan, 2001; Mearns, 1997*].

One such source of ambiguity concerned the definition of the term ‘common land’. While pasture land is constitutionally protected from privatization, the ability of herding communities to use the 1994 land law to underwrite controlled-access commons was compromised by a deeply rooted ethic of open access among Mongolian herders. This prevented herder communities from legally denying ‘outsiders’ or non-members of their communities from gaining access to local pasture, or from insisting that such access be granted only following explicit negotiation. By the late 1990s, many observers had come to the conclusion that controlled-access pastoral commons in Mongolia—while judged to be necessary for the sustainability of pastoral livelihoods and land management—would be unworkable in the absence of flexible guidelines to aid in implementing the relevant provisions of the land law. Such guidelines would, for example, allow self-governing herder groups to: hold joint possession of pasture land for use during each season; regulate the time-partitioning of pasture use; and exclude non-members, subject to negotiated and reciprocal rights of access to other groups during declared times of drought or winter stress.

Actors in decentralization of pasture-land management

At the central level, the key actors in pasture-land management are the Ministry of Nature and Environment (MNE) and the Ministry of Food and Agriculture (MFA), but significant tensions exist between these bodies. Briefly stated, the role of MFA has been in decline throughout the 1990s while MNE has been in the ascendancy, at least as far as control over land management is concerned. MFA, with authority over all state farms, and its counterpart for pastoral collectives the Supreme Council of Collectives, enjoyed considerable power throughout the state-socialist era, and were jointly responsible for all policies and planning decisions regarding agricultural land use. Responsibility for land management was transferred to MNE in the early 1990s, and under the growing influence of western notions of environmental management a series of environmental laws was enacted, including the 1994 land law (effective in 1995), which was regarded as a tool for conservation-oriented rather than production-oriented land management. MFA’s role in land management disappeared in the early 1990s, along with any budget for land

affairs—ironically, since this coincided with the period in which herders greatly increased in number and as a share of total population—but this loss of influence remains contested within the MFA and its constituent agencies. Some actors within and associated with MFA, for example, have attempted to draft a law specific to pasture-land tenure, although their efforts have been poorly coordinated with other initiatives related to the further development of land legislation.

For present purposes, the principal actor with respect to pasture-land management rests at *sum* (rural district) level, in the person of the *sum* governor. The *aimag* (provincial) administration is much less involved in pasture-land management, except (in principle) in setting aside land for use as inter-*sum* grazing reserves during times of drought or *dzud*¹³ hazard. During the collective era, the *sum* governor was also the director of the eponymous collective (*negdel*); and the territorial boundaries of the *sum* and the *negdel*, at least by the end of the 1980s, were coterminous. Known as the *sum darga* ('boss'), he enjoyed considerable discretionary power within his jurisdiction, while being upwardly accountable only to superiors at higher levels in the highly centralized state structure. Following decollectivization around 1991-92, and the privatization of the assets of the collective, many *sum dargas* were retained as the managers of the companies and cooperatives that typically acquired the lumpy assets (equipment, buildings, inventory) of the former collectives, and there was often significant continuity in management style and content. Even the upward accountability was retained, as the now ostensibly private companies and cooperatives maintained their federal structure at the national level through membership in the National Association of Mongolian Agricultural Cooperators (the successor to the Supreme Council of Collectives). Land management practice in many of these *sums* continued for a time much as it did during collective era, albeit driven to generate profits through trading rather than to meet the production quotas of central planning. Other *sum dargas* were quickly appointed as the new *sum* governors.

In practice, *sum* governors currently have considerable discretion to interpret and enforce the land law as they see fit, an activity not generally constrained by their lack of financial resources. This leads to considerable local variation in resolving claims to winter camp sites, often regarded as the key to obtaining secure access to winter pasture (which in turn is an important determinant of success in pursuing a pastoral livelihood strategy). For example, in one *sum*, the governor may declare that in privatizing the winter shelters created under the collective (*negdel*), preference would be given to those herders who were most frequently allocated those shelters during the collective era. In another, perhaps even adjoining *sum*, the governor may declare that preference would be given to the claims of those who could claim some birth-right to the site, perhaps by virtue of their own or their father's residence there prior to the establishment of the collective. Little or no guidance is offered or available to *sum* governors from the center in resolving such

¹³ *Dzud* is the Mongolian term for a range of winter weather conditions that make forage from natural pastures inaccessible to domestic grazing animals.

competing claims, and in areas where winter shelters and camp sites are in high demand and short supply (depending on local ecological and topographic conditions and rates of in-migration following decollectivization) this can be a serious and continuing source of land dispute [Mearns, 1997; Erdenebaatar and Batjargal, 2001].

Nature of powers devolved

For pasture-land management, the key powers in question that are transferred from central to sub-national levels concern the setting of rules to govern the allocation of camp sites and associated sets of pastures among local herders, compliance with those rules, and the adjudication of disputes. The principal mechanism for the transfer of these powers is the land law [GoM, 2002b]. At the same time, central government has transferred to local governments primary responsibility for drought- and *dzud*-preparedness, but without the budgetary resources needed to ensure that this responsibility will be met adequately.

Chronic under-provisioning of local efforts to support pastoral risk management (e.g. through hay and fodder preparation and distribution) throughout most of the decade of the 1990s led to massive livestock mortality in the three consecutive *dzud* years of 1999/2000 to 2001/2002, amounting to a total loss of around a fifth of the national herd. In early 2001, the government passed Resolution 47 calling for measures to ensure better drought- and *dzud*-preparedness, and specified the roles of each tier of public administration in establishing an effective and coordinated national system for pastoral risk management. At the time of writing it remains unclear whether the resources required to implement such a strategy will be provided for in the medium-term framework for national budgeting.

Under the land law, a ‘deconcentrated’ arrangement of powers and responsibilities is envisaged whereby land disputes arising at any one level of administration are to be passed up to the next higher level for administrative resolution. No clear role is defined for other actors such as civil courts. Considerable ambiguity also exists in practice in specifying the distinct roles of different levels of administration. *Sum* governors appear to believe they have little scope for discretionary decision-making, while in practice they are seen to exercise considerable residual power in the absence of clear guidelines for the interpretation and implementation of the law [Fernández-Giménez and Batbuyan, 2000].

A new land law was enacted in June 2002 [GoM, 2002b], and came into effect on 1 May 2003. The primary motivation for revising the 1994 land law was to make possible, for the first time and in a limited way, a land market in Mongolia. That is, long-term possession licenses over certain types of land may now be transferred by sale/auction and may be mortgaged, in addition to transfer by inheritance as was provided for in the 1994 law. The types of land in question are urban and peri-urban land, household plots in general (including land under herders’ winter

camps), vegetable gardens, hayfields, and arable land, amounting to a total of around two percent of Mongolia's land area.

The basic provision of the 1992 Constitution and 1994 land law with respect to pasture land (representing 80 percent of all land) remains unchanged: namely, that pasture land shall be the property of the state and protected from private ownership. However, the new land law also 'clarifies' some of the ambiguity inherent in the 1994 law, in such a way as to bring out the sharp internal contradiction between wishing to maintain free access to pastures for all as 'common tenure' [sic.] land, and wishing to ensure that time-partitioning in pasture use is closely observed at the *bag* level and below [GoM, 2002b: Art.54]. That is, 'pasturelands, water points in pasturelands, wells and salt licks' are among those types of land that, 'regardless of whether they are given into possession or use, shall be used for common purpose under government regulation' [GoM, 2002b: Art.6.2]. Further, the law specifically provides for the unhindered right of entry or passage to any person in the case of land that is unfenced or not marked by warning signs, regardless of its tenure status [GoM, 2002b: Art.48].¹⁴ It also, however, insists that 'winter and spring pastures shall be prevented from livestock grazing during summer and autumn' [GoM, 2002b: Art.54], and provides for sanctions (fines plus compensation) to be imposed in cases of out-of-season trespass [GoM, 2002b: Art.66].

In early 2001 the Ministry of Nature and Environment at central government level opened up an important channel for downward accountability by agreeing with a civil society lobbying coalition to host a national-level public forum for discussion on the content of the then draft land law. It is not clear why MNE acted in the way that it did, other than being persuaded by leading champions within the coalition of lobbyists. Whatever the origins of the initiative, however, a discussion draft of the revised law was released, comments were invited from the public via print media, a national-level public workshop was held and a televised debate took place, collectively representing an unprecedented step in Mongolian legal history. Not all of the demands of this lobbying group were reflected in the final version of the law, but there is little doubt that the fact this process took place at all represents a significant step forward in promoting downward accountability in legislative development. Many observers, however, would now argue that the major obstacle to transparent and accountable governance of land management, including pasture-land management, lies in implementation rather than in the promulgation of new legislation [Hanstad and Duncan, 2001].

Social difference, administrative accountability, and representation

In this section, we consider the nature of accountability relationships between herders and local administrators, and show how social networks among them position elite herders to capture a

¹⁴ This currently includes all pasture land. Herders tend to be bitterly opposed to any moves towards fencing pasture land [Hanstad and Duncan, 2001; Fernández-Giménez and Batbuyan, 2000].

disproportionate share of the benefits in pasture-land access and control while excluding poorer, more vulnerable herders. Herders themselves, recognizing the ambiguity that exists in public administration with respect to pasture-land management, are increasingly likely to take matters into their own hands, and to act unilaterally in pasture-land use decisions. The increasing heterogeneity of herding communities also makes individual as opposed to collective action more likely. Different types of herders have developed complex strategies to exploit the opportunities open to them, depending on their distinct social and economic positions.

Wealthier herders, with large herds and, typically, better endowments of adult family labor, are likely to employ strategies of family splitting to ensure that they can guard their valued winter camp sites and associated pastures against out-of-season trespass by others. At least one family member may remain resident all year round at the winter camp, and a permanent wooden structure may be constructed in some areas to reinforce the visibility of the claim being exercised. In such cases, winter shelters and the land on which they stand (though not the pasture land surrounding them) are now commonly privately owned, with documented evidence of possession rights. Serious conflicts may still emerge if competing claims to the surrounding pastures are made by two herders with equally large herds. Herders with small herds will usually be tolerated even if they camp close to the winter pastures claimed by a wealthy herder, since a certain level of 'free riding' is unlikely to undermine the prospects for sustainable pasture-land use [Mearns, 1996].

Poorer herders, who are often those with lower levels of skill and experience in herding, and often with large families including small children of other dependents, have tended to become increasingly reliant on wealthier kin for survival where they continue to pursue livestock-based livelihoods. A form of labor market has emerged, albeit involving in-kind rather than market-based transactions, in which poorer herders will work as laborers for wealthier herders in arduous tasks such as clearing out winter shelters, herding, or looking for lost animals, in return for the right to join the *khot ail* of the wealthier herder and thereby gain more secure access to grazing for the few animals they do own. Those poorer, 'new' herding households without such resources of 'social capital' to draw on often failed at herding within a short space of time, and having 'eaten away' the assets of animals they received at the time of privatization in the early 1990s, returned to live in *sum* or *aimag* centers, usually dependent on limited social welfare payments [NSO and World Bank, 2001].

In this context of divergent livelihood strategies among herders within the same rural communities, the downward accountability of local governors in matters of pasture-land dispute resolution is far from symmetrical and transparent. Wealthier, elite herders frequently enjoy better relations with local governors, and are both able and willing to invest considerable resources in hospitality when the *darga* visits, in order to keep open informal channels to encourage the governor to 'turn a blind eye' or to resolve disputes in their favor. Such opportunities to exercise informal influence are not generally available to poorer, more marginal

herders, particularly if they have migrated into the area in question from another *aimag*. Inter-regional migrations of this sort became a recognized livelihood strategy in the later 1990s as those able to do so would move to take advantage of the better household-level terms of trade in more central, market-accessible parts of the country [NSO and World Bank, 2001].

In the institutional vacuum created by incomplete decentralization, a ‘tragedy of open access’ has therefore emerged, with socially differentiated results. Against such a background, some local civil society groups have sought to explore whether opportunities can be exploited to enhance the downward accountability of more receptive *sum* governments in pasture-land management, and re-create ‘meso’-level institutional mechanisms to coordinate individual herders’ actions in pasture-land use and management so as to facilitate more sustainable and socially inclusive outcomes. Some of these groups are beginning to facilitate pilot projects, with donor support, to field-test approaches to group-based pasture-land tenure and management. In some cases, with the moral backing of local administrations, they have been able to go beyond the limits proscribed in the land law to confer possession contracts on groups of around 10-20 herding households over all sets of pastures customarily used by those groups. Many questions remain to be resolved concerning the representativeness and legitimacy of such groups among other, non-group members in the same districts; the concurrence or otherwise of social group and territorial/resource-unit boundaries; the degree to which such initiatives remain dependent on donor financing; and the operational rules for negotiating reciprocal rights of access to non-group members during times of drought or *dzud*. However, these pilot projects should be recognized as advancing a positive reform agenda that seeks to achieve more environmentally sustainable and socially inclusive outcomes in pasture-land management through efforts to increase the transparency and downward accountability of local governors’ offices, elected representatives, and *sum*-level technical staff.

Towards a more complete democratic decentralization of natural resource governance

We have argued in this article that incomplete or ‘empty’ decentralization with respect to pasture-land management in post-socialist Mongolia has had adverse consequences for pastoral livelihoods and for the environment. This concluding section first summarizes some of the issues raised by this case study, and ends by identifying some of the missing elements of a democratic decentralization agenda that would help to restore environmental and social justice.

In the absence of alternative livelihood opportunities following post-socialist transition, the 1990s saw a dramatic re-assertion of the importance of pastoral livelihoods in Mongolia. The number of herding households more than doubled, and herders once again comprise around a third of the national population. While Mongolia may offer valuable lessons to other countries in which pastoralists form a significant share of the population, this trend should not be regarded as an entirely positive one. Economic ‘transition’ is something of a misnomer; indeed, in relation to natural resource governance, the notion of an institutional vacuum is more fitting. Both rural and

urban livelihoods throughout the 1990s were marked by rising vulnerability, and pastoral livelihoods in particular become increasingly vulnerable when exposed to natural hazards, in the absence of supporting reforms that would match devolution of responsibilities to sub-national governments with the budgetary resources to carry them out, and accountability reforms that would subject the actions of local governments to public scrutiny from their constituents.

Many other changes took place in rural livelihood strategies and livelihood dynamics. Distinct patterns of inter-regional and rural-urban migration emerged in response to changing livelihood and market-access opportunities, according to which very different opportunities arose for better-off herders than for poorer herders and other marginal groups in rural society. These patterns have had profound consequences for the distribution of grazing pressure, resulting in an observable adverse impact on the pastoral environment, notably in shrub vegetation communities in the Gobi-steppe transition zone. At the same time, large areas of good grazing remain under-utilized in more remote areas for want of investments in water supply, social service provision, and transportation infrastructure, which in turn are severely constrained by the fiscal crisis facing local governments.

The 1990s has also seen a breakdown of the long-standing forms of dual formal/informal regulation of pasture-land management that had persisted throughout the era of agricultural collectivization. Some of the principal sources of pressure also relate to changing livelihood dynamics, including: rising levels of asset inequality (notably in livestock holdings) combined with limited options for livelihood diversification; population concentration around settlements, roads/markets, and points of social service provision; and emergent labor markets in rural areas, among other coping and adaptive strategies, that have had important consequences for social capital. The rising vulnerability of more marginal groups has resulted from various combinations of declining asset holdings and adverse household terms of trade, and reduced access to common-pool grazing and benefits from increasingly exclusionary forms of social capital.

To what extent are these outcomes attributable to the ‘decentralization’ attributes of economic and political transition, and to what extent to the consequences of transition for livelihood opportunities more broadly? While the causal relationships among these factors are attenuated and difficult to disentangle, it is suggested that democratic decentralization of natural resource governance has not yet gone far enough in Mongolia. To date, there has been a greater emphasis on attempting rigidly to prescribe rules of tenure and administrative authority through new legislation, than on seeking clarity and transparency in rules-setting mechanisms to address necessarily ‘fuzzy’ pastoral resource-access rights. The backdrop of institutional flux and uncertainty that characterizes all post-socialist transitions has not so far been conducive to fostering the predictability in expectations among social actors that democratic decentralization reforms demand.

Space prevents a full discussion of possible avenues for future research and policy analysis, but some of the missing elements of this unfinished democratic decentralization agenda include: (i) promoting public access to information on land legislation and the relevant actions and responsibilities of local governments; (ii) continuing support for ongoing institutional innovations to increase the downward accountability of local governments in pasture-land management; (iii) developing alternative approaches to pasture-land dispute resolution to complement the administrative options enshrined in the land law; (iv) fostering public consultation in the further development of national land legislation; and (v) most importantly, elaborating flexible, context-sensitive implementation guidelines and manuals for use by local governors and their staff in upholding the land law in transparent and accountable ways.

References

- Agrawal, Arun, and Jesse Ribot, 1999, 'Accountability in decentralization: a framework with South Asian and West African cases', *Journal of Developing Areas*, Vol.33, pp.473-502.
- Bebbington, Anthony, 1999, 'Capitals and capabilities: a framework for analyzing peasant viability, rural livelihoods and poverty', *World Development*, Vol.27, No.12, pp.2021-44.
- Bold, Bat-Ochir, 1996, 'Socio-economic segmentation: khot-ail in nomadic livestock keeping of Mongolia', *Nomadic Peoples*, No.39, pp.69-86
- Bruce, John W., and Robin Mearns, 2002, 'Natural resource management and land policy in developing countries: lessons learned and new challenges for the World Bank', *Drylands Programme Issues Papers*, No.115, London: International Institute for Environment and Development.
- CPR, 2002, *Rural Development Strategy for Mongolia*. Draft report to Government of Mongolia. Ulaanbaatar: Center for Policy Research.
- Ellis, Frank, 2000, *Rural Livelihoods and Diversity in Developing Countries*. Oxford: Oxford University Press.
- Erdenebaatar, B., and N. Batjargal, 2001, *Pasture Land Disputes and Conflict Resolution: Cases from Mongolia*, Ulaanbaatar: Asia Foundation.
- Fernández-Giménez, Maria E., 1999, 'Sustaining the steppes: a geographical history of pastoral land use in Mongolia', *The Geographical Review*, Vol.89, No.3, pp.315-42.
- Fernández-Giménez, Maria E., 2002, 'Spatial and social boundaries and the paradox of pastoral land tenure: a case study from postsocialist Mongolia', *Human Ecology*, Vol.30, No.1, pp.49-78.
- Fernández-Giménez, Maria E., and B. Batbuyan, 2000, 'Law and disorder in Mongolia: local implementation of Mongolia's land law'. Paper presented at Eighth Biennial Conference of the International Association for the Study of Common Property, Bloomington, Indiana, 31 May - 4 June.
- GoM, 2000a, *Action Program of the Government of Mongolia*. Ulaanbaatar: Government of Mongolia.
- GoM, 2000b, 'National Environmental Action Plan 2000' (final draft dated 9 June 2000). Ulaanbaatar: Government of Mongolia.
- GoM, 2001, *The Government of Mongolia Good Governance for Human Security Programme: Policy Document*. Ulaanbaatar: Government of Mongolia.
- GoM, 2002a, *Public Sector Management and Finance Law*. Ulaanbaatar: Government of Mongolia.
- GoM, 2002b, *Land Law of Mongolia*. Ulaanbaatar: Government of Mongolia.
- GoM, 2003a, *Law on Regionalized Development Management and Coordination*. Ulaanbaatar: Government of Mongolia.
- GoM, 2003b, *Economic Growth Support and Poverty Reduction Strategy*. Ulaanbaatar: Government of Mongolia.

- Goodhue, Rachel E., and Nancy McCarthy, 2000, 'Fuzzy access: modeling grazing rights in sub-Saharan Africa', in N. McCarthy, B. Swallow, M. Kirk, and P. Hazell (eds.), *Property Rights, Risk, and Livestock Development in Africa*, Washington, DC, and Nairobi: International Food Policy Research Institute and International Livestock Research Institute, pp.191-210.
- Hanstad, Tim, and Jennifer Duncan, 2001, 'Land Reform in Mongolia: Observations and Recommendations', *RDI Reports in Foreign Aid and Development*, No. 109, Seattle: Rural Development Institute for the World Bank.
- Humphrey, Caroline, 1978, 'Pastoral nomadism in Mongolia: the role of herdsmen's cooperatives in the national economy', *Development and Change*, Vol.9, No.1, pp.133-60.
- Leach, Melissa, Robin Mearns, and Ian Scoones, 1999, 'Environmental entitlements: dynamics and institutions in community-based natural resource management', *World Development*, Vol.27, No.2, pp. 225-47.
- Manor, James, 1999, *The Political Economy of Democratic Decentralization*, Directions in Development Series, Washington, DC: World Bank.
- McLean, Keith, 2001, 'An Assessment of Decentralization in Mongolia'. Mimeo, Washington, DC: World Bank.
- Mearns, Robin, 1991, 'Environmental implications of structural adjustment: reflections on scientific method'. *IDS Discussion Paper* No. 284, Brighton: Institute of Development Studies, University of Sussex.
- Mearns, Robin, 1993a, 'Pastoral institutions, land tenure and land policy reform in post-socialist Mongolia', *PALD Research Report*, No.3, Brighton: Institute of Development Studies, University of Sussex.
- Mearns, Robin, 1993b, 'Territoriality and land tenure among Mongolian pastoralists: variation, continuity and change', *Nomadic Peoples*, Vol.33, pp.73-103.
- Mearns, Robin, 1996, 'Community, collective action and common grazing: the case of post-socialist Mongolia', *Journal of Development Studies*, Vol.32, No.3, pp.297-339.
- Mearns, Robin, 1997, 'Pasture-land use and social dynamics' and 'Legislative and institutional framework for pasture-land management' in 'Study of Mongolian Extensive Livestock Production Systems'. Final Report to Asian Development Bank under TA No. 2602-MON, Calgary: Agriteam Canada Consulting Ltd.
- NCSDM, 1999, *Mongolian Action Programme for the 21st Century (MAP21)*, Ulaanbaatar: National Council for Sustainable Development of Mongolia.
- NSO, 2001, *2000 Population and Housing Census: The Main Results*, Ulaanbaatar: Mongolia National Statistical Office.
- NSO and World Bank, 2001, *Mongolia Participatory Living Standards Assessment 2000*, Ulaanbaatar: Mongolia National Statistical Office and World Bank.
- Nelson, Joan, Charles Tilly, and Lee Walker (eds.), 1997, *Transforming Post-Communist Political Economies*, Washington, DC: National Research Council, Task Force on Economies in Transition
- Niamir-Fuller, Maryam (ed.), 1999, *Managing Mobility in African Rangelands: the Legitimization of Transhumance*, London: Intermediate Technology Publications.

- Ribot, Jesse C., 2002, *Democratic Decentralization of Natural Resources: Institutionalizing Popular Participation*, Washington, DC: World Resources Institute.
- Sneath, David, 1998, 'State policy and pasture degradation in Inner Asia', *Science*, Vol.281, pp.1147-8
- Sneath, David, 1999, 'Kinship, networks and residence', in Caroline Humphrey and David Sneath, *The End of Nomadism? Society, State, and the Environment in Inner Asia*, Durham, NC: Duke University Press, pp.136-78.
- Turner, Matthew D., 1999, 'The role of social networks, indefinite boundaries and political bargaining in maintaining the ecological and economic resilience of the transhumance systems of Sudano-Sahelian West Africa', in Maryam Niamir-Fuller (ed.), *Managing Mobility in African Rangelands: the Legitimization of Transhumance*, London: Intermediate Technology Publications, pp.97-123.
- World Bank, 2002, *Mongolia Public Expenditure and Financial Management Review*, Report No. 24439-MOG, Washington, DC: World Bank.
- World Bank, 2003, *Mongolia Environment Monitor 2003: Land Resources and Their Management*, Washington, DC and Ulaanbaatar: World Bank.
- WRI, 2000, 'Grassland ecosystems: sustaining the steppe—the future of Mongolia's grasslands', in *World Resources Report 2000-2001*, Washington, DC: World Resources Institute with UNDP, UNEP, and World Bank, pp.212-224.