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## Changed relations : understanding conflicts in pastoral areas

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**Introduction** Conflicts between nomadic pastoralists and sedentary agriculturalists are as old as civilizations (Nori et al ., 2005) and in many parts of the world, they are still a matter of major national and even international concern especially in areas where transhumane grazing systems prevail . A vast body of literature has been dedicated to this topic (Nori et al , 2005) . Forms of conflicts and causes described include competing land uses , i.e. expansion of farming lands , competing forage resources , denial of grazing rights and conversion of previous rangelands into conservation purposes or for infrastructure development . Solutions to conflicts have thus been recommended accordingly . However , rarely did any author ever recognize the changed relations between nomadic peoples and sedentary communities and such changes in relations may have been an important factor underlying increasing conflicts .

Interdependence between Nomadic Pastoralists and Sedentary Communities The interdependence between nomadic pastoralists and sedentary communities can be described in terms of exchange of services , i.e. supplies and demands. Traditionally, pastoralists benefited sedentary communities by providing : (1) material service, i.e. fertilizers in the form of manure, diary products, transport, commodities from distant markets, cash loans, etc.; (2) information from outside world, since pastoralists are more mobile and more cosmopolitan in their outlook; and (3) political or military support, especially the horse-riding tribes. In return, they benefited from the sedentary communities, usually by obtaining customary grazing rights; (2) buying or bartering fodder (especially in winter settlements); and (3) obtaining cereal products to be used as concentrates for animals or human food.

**Changing trends in their interdependent relations** The close integration between pastoral and agricultural activities has been the foundation for the peaceful co-existence of nomadic pastoralism and sedentary agriculture . The degree to which the two systems could co-exist in harmony depends on how they could maintain the mutually beneficial relations . However , by nature , this interdependence has been asymmetric , which has been the causes of many historical wars . In particular , the development of a social service system , infrastructure and trade networks in modern times has greatly reduced the dependence of the sedentary communities on the nomadic societies for basic material needs , information and political or military support . They are now able to obtain from other channels most of what used to be supplied by the nomadic pastoralists , which has made it unnecessary and irrelevant for them to offer reciprocities to the other side . However , the development of aforementioned dimensions did not reduce the dependence of nomadic pastoralists on sedentary communities for rangeland resources , winter fodder and crops . This asymmetric nature of changes has resulted in situations increasingly disadvantageous to the pastoral societies and has sharpened the conflicts .

**Conclusion and recommendations** By this analysis, to dissolve the conflicts between the nomadic people and the sedentary communities, it is necessary to recognize such changing trends. Strengthening integration of pastoral development and agriculture may help to enhance the mutual beneficial relations between the pastoral groups and the sedentary agriculturalists. A combination of legal instruments (i.e., clarifying and legalizing grazing rights) and institutional innovations to address the changed relations are necessary. There are examples of successful negotiations between nomadic and sedentary communities through governmental interventions (Axelby, 2007).

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