

BIO CULTURAL  
PROTOCOLS: MAKING  
NATIVE LIVESTOCK  
SYSTEMS VISIBLE



**LIVESTOCK  
FUTURES**

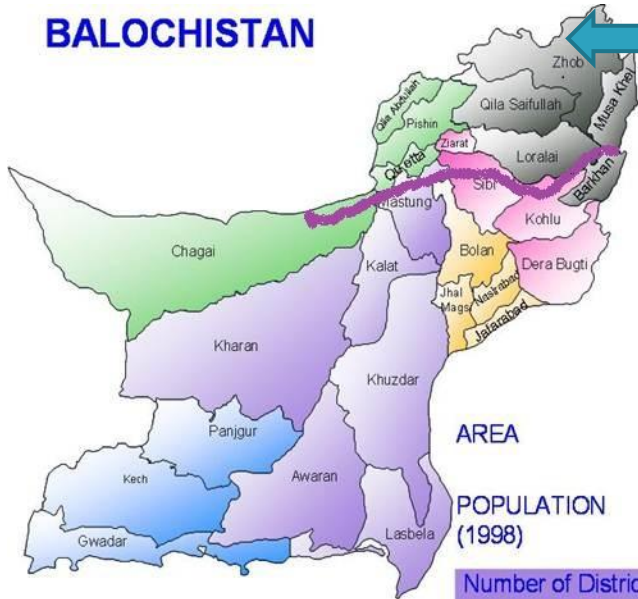
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**SAVES**

# BALUCHISTAN



AREA	347,190 Km <sup>2</sup> (44% of Pakistan)
POPULATION (1998)	6.511 Million (5.1% of Pakistan)
Number of Districts 27	



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# OVERVIEW OF LIVESTOCK IN PAKISTAN



- Livestock contributes 51% of the agricultural GDP
- Pakistan is one of the largest milk producers globally (65-70% milk comes from buffalo)
- Red meat is produced entirely from native livestock production systems.
- Poultry is highly industrial and ever expanding.
- New frontiers of dairy as import of high yielding dairy cows and investment in dairy sector is increasing
- The present policies are in favor of industrial/commercial systems
- **The role and importance of the native livestock production is not really valued, realized and appreciated.**

# NATIVE LIVESTOCK PRODUCTION SYSTEMS IN PAKISTAN

- ▣ Highly resilient and adaptable
- ▣ Resistant to challenges and shocks
- ▣ Depend on highly diversified resources (marginal lands, breeds, ecosystems etc)
- ▣ The system is very eco-friendly
- ▣ Multipurpose: produces diverse products and services
- ▣ Helps as biological control of weeds and parasites
- ▣ The system is part of culture, values, tradition, heritage, prestige and identity of community
- ▣ At the core of community institutions and the hub of indigenous knowledge





# Biocultural protocols: silver lining in the clouds

BCP documents and makes visible the role of communities:

- As custodian of native production systems and biodiversity at large
- As guardians of traditional breeds that are interdependent with the ecosystem; and
- As holders of traditional knowledge



# METHODOLOGY AND PROCESS

- ❑ BCP work mainly based on documentation of production system, breeds, ecosystem, customary laws, products & its use
- ❑ Meeting with shepherds in the field, community elders, ethnoveterinarian and livestock keepers at large
- ❑ Literature, grey records to further fortify BCP



# BCP PROCESS IN PAKISTAN

- Meeting with the community people at community level
- Discussed and documented production systems and livestock breeds
- Meeting with the experts/scientists, breeders, elders, ethnovets of the community
- Constitution of regional expert groups (REGs)



# SEMINAR AND DECLARATION OF BCP

- Final meeting of the regional expert groups (REGs) and other representatives
- Discussion on the final version
- Declaration of the final version





# OUTCOMES OF PASHTOON BCP

- Documentation of unknown breeds like Raigi camel and Kakari sheep breed etc
- Documented and valued the livestock products like Qourath, Landi etc
- Highlight the central role of Livestock keepers
- Highlight the contribution of native livestock production systems in food security
- A community document for its role and production systems
- Inform policy makers with this set of document about community role
- It makes livestock keepers aware of its rights under national laws and international treaties



# COVER OF NATIONAL LAWS TO SECURE OUR RIGHTS

- **National Conservation Strategy (NCS)** addresses the **conservation of natural resources and sustainable development**
- **Biodiversity Action Plan (2000):** Promote the **conservation and sustainable use of biodiversity, and the equitable sharing of benefits** arising thereof, for the wellbeing and food security of the nation
- **ACCESS TO BIOLOGICAL RESOURCE AND COMMUNITY RIGHTS, 2004;** It recognizes the necessity “to protect and encourage cultural diversity, valuing the knowledge, innovations and practices of the local communities with respect to the conservation, management and use of biological resources
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# INTERNATIONAL TREATIES

- UN Convention on Biological Diversity, specifically under **Article 8(j)** of the Convention, to recognize our contribution to the conservation and sustainable use of biological diversity in the Balochistan forest/rangelands ecosystem. We also call on the UN Food and Agriculture Organization to acknowledge the importance of our animal genetic resources and to recognize livestock keepers' rights

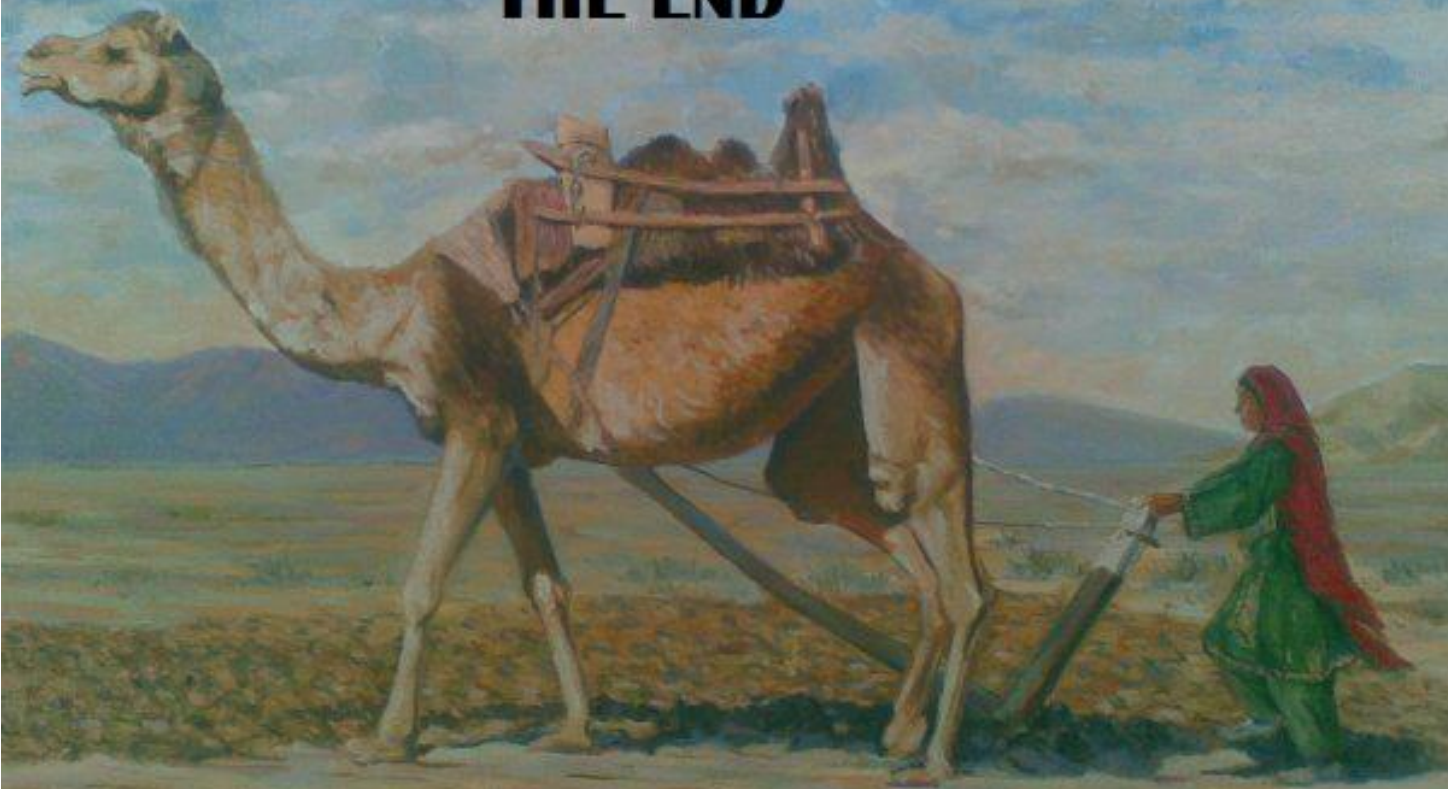


# FURTHER READING

- <http://pubs.iied.org/pdfs/G03404.pdf>
- <http://www.fao.org/docrep/013/i1823t/i1823t13.pdf>
- <http://saves.org.pk/site/pub/401.pdf>



**THE END**



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