

# Exploring the information base needed for sustainable management of rangeland resources for improved livelihoods

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GN NEGLECT  
GAPS ABOUT SUSTAINABILITY  
PASTORALISM AND RANGELANDS

EXECUTIVE SUMMARY



# A CASE OF BENIGN NEGLECT

KNOWLEDGE GAPS ABOUT SUSTAINABILITY  
IN PASTORALISM AND RANGELANDS



## قضية إهمالٍ غير مقصود

الفجوات المعرفية في استدامة  
الرعي والمراعي

ملخص تنفيذي



## 一个善意忽略的案例

放牧业和草地可持续性认知方面的缺失

执行摘要

Johnsen, K.I., Niamir-Fuller, M., Bensada, A. & Waters-Bayer, A.  
(2019) *A case of benign neglect: Knowledge gaps about sustainability in pastoralism and rangelands*. UN Environment Programme and GRID-Arendal, Nairobi and Arendal

<http://url.grida.no/gapan>



## UNE AFFAIRE D'INDIFFÉRENCE

MANQUE DE CONNAISSANCES SUR LA DURABILITÉ  
DU PASTORALISME ET DES TERRES DE PARCOURS

RÉSUMÉ

## UN CASO DE ABANDONO BENIGNO

LAGUNAS DE CONOCIMIENTO SOBRE LA SOSTENIBILIDAD  
DEL PASTOREO Y SUS TIERRAS DE PASTOREO

RESUMEN

## ПРИМЕР СЧАСТЛИВОГО НЕВЕДЕНИЯ

ПРОБЕЛЫ В ЗНАНИЯХ ОБ ЭКОЛОГИЧЕСКОЙ  
УСТОЙЧИВОСТИ ПASTORALISMA И ПASTБИЩНЫХ УГОДИЙ

РЕЗЮМЕ



Pastoralism is practised by millions of people worldwide and represents an intimate relationship between people, the animals they care for and the landscape.



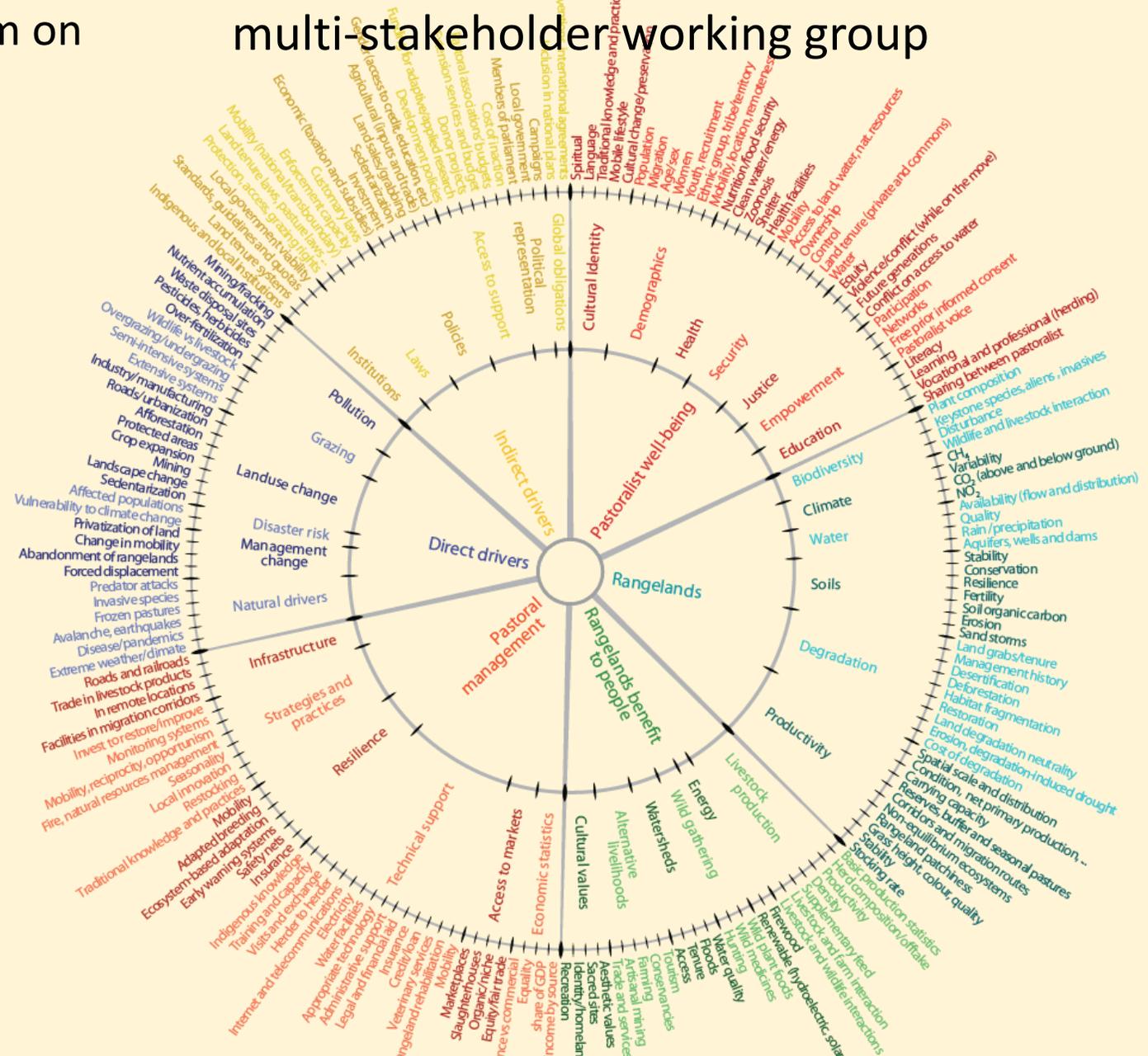
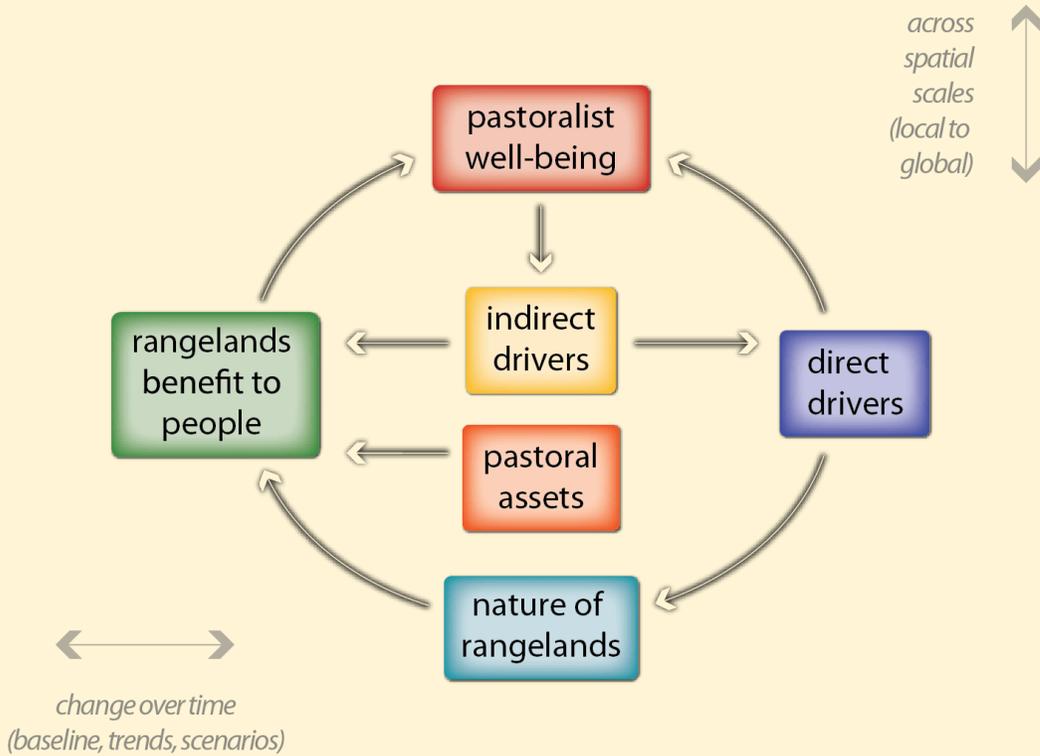
The unique biological and cultural diversity of rangelands contributes to goods, services, knowledge and heritages that benefit humans beyond the herding communities.

# Study objective



# Conceptual framework based on IPBES (Inter-governmental Science-Policy Platform on Biodiversity and Ecosystem Services)

# Thematic scope developed by multi-stakeholder working group



# Information sources

## Sources for environmental and socioeconomic information:

- 13 global environmental assessments
- 100 global, regional and national databases and websites
- Publications in SCOPUS (71 million peer reviewed papers)

## Sources for information about technical support:

- Projects of 13 multilateral agencies and international research organizations

## In addition:

- Stakeholder survey – 18% response (58 out of 336)

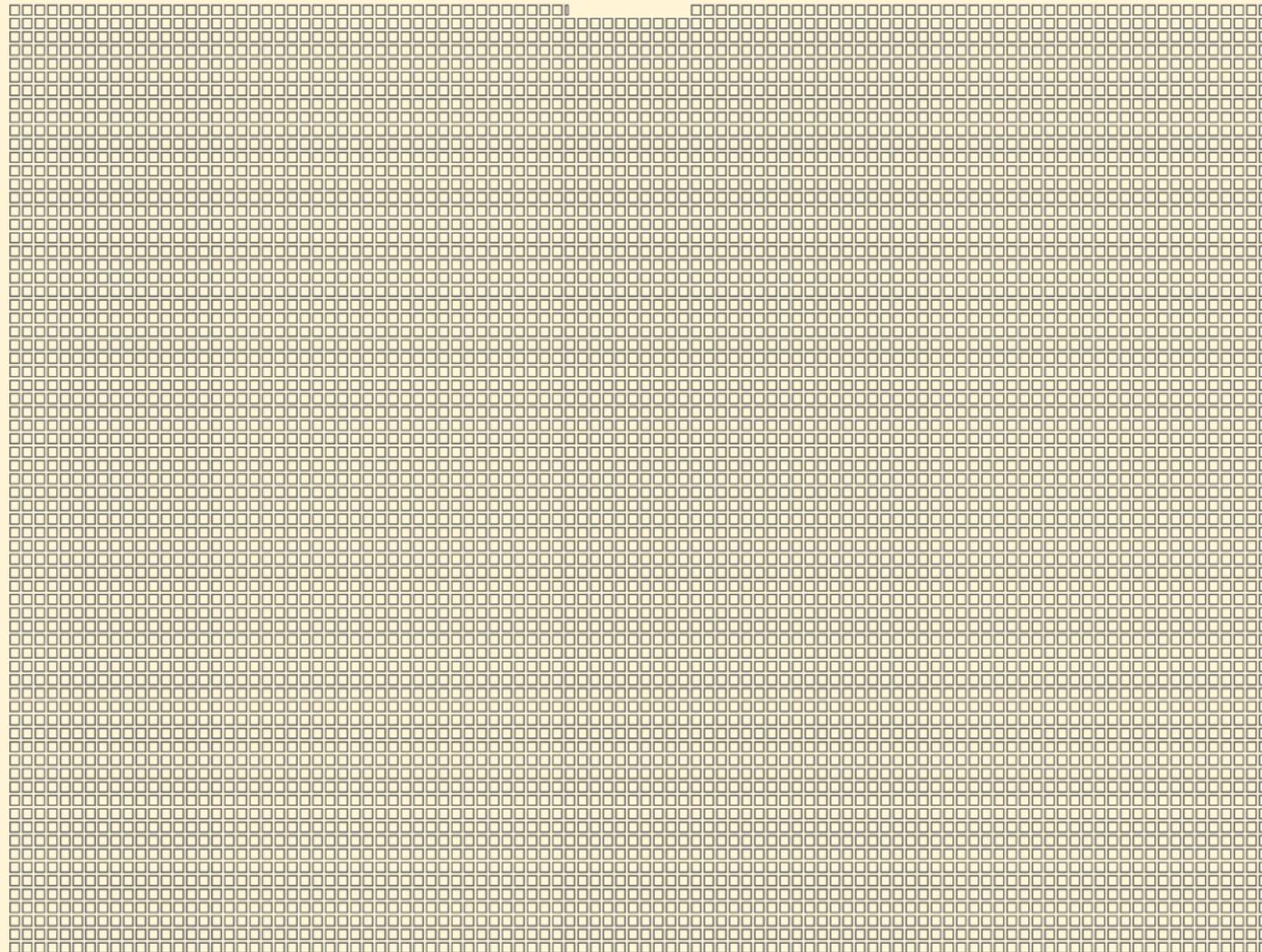


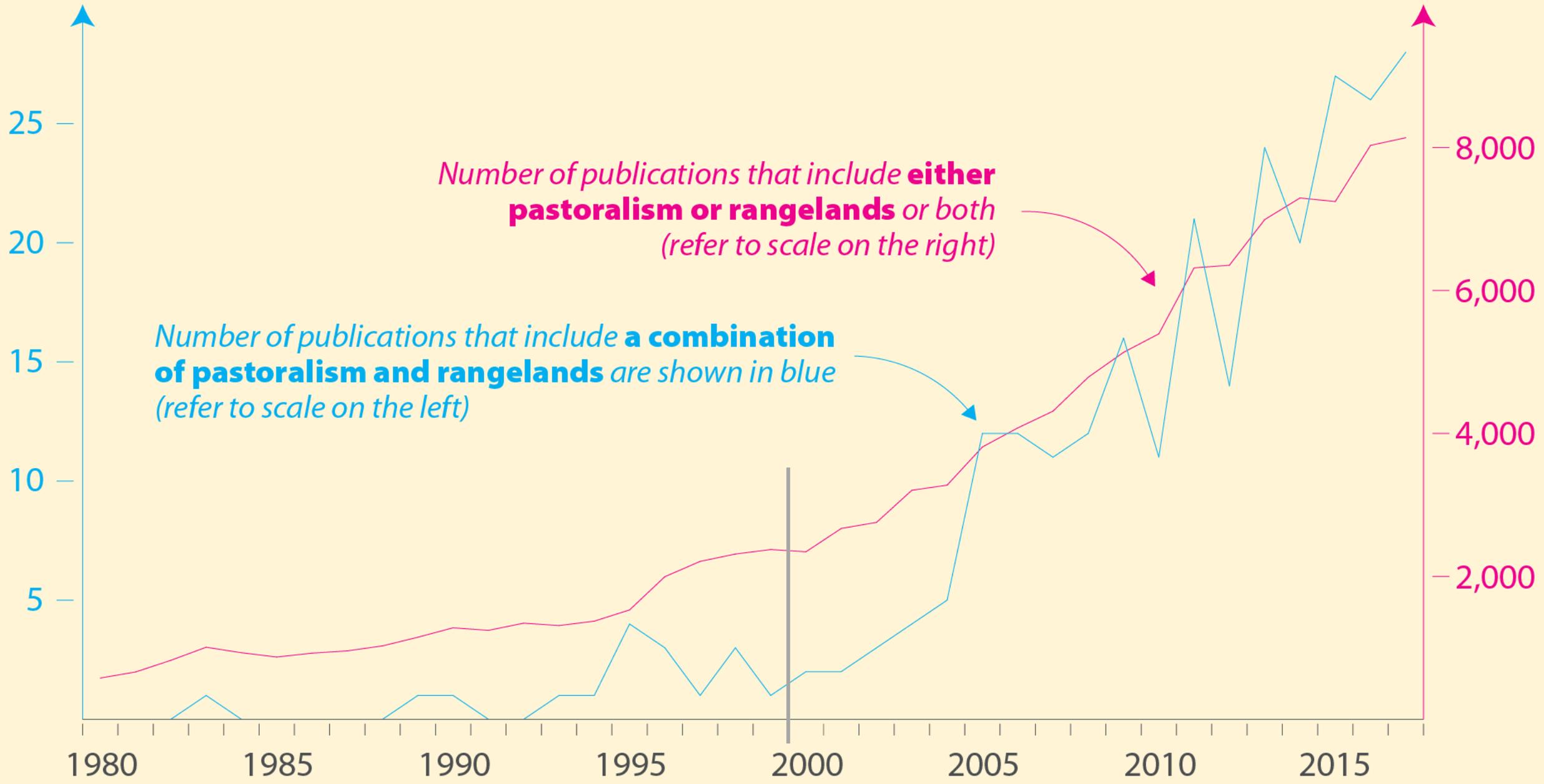
# Results

Here are all the academic papers mentioning **rangelands and pastoralism** (2,658) 

... here are the papers mentioning **rangelands or pastoralism** (96,414) 

... and here are **all the papers** on Scopus with no mention of either rangelands or pastoralism (70,903,586) 



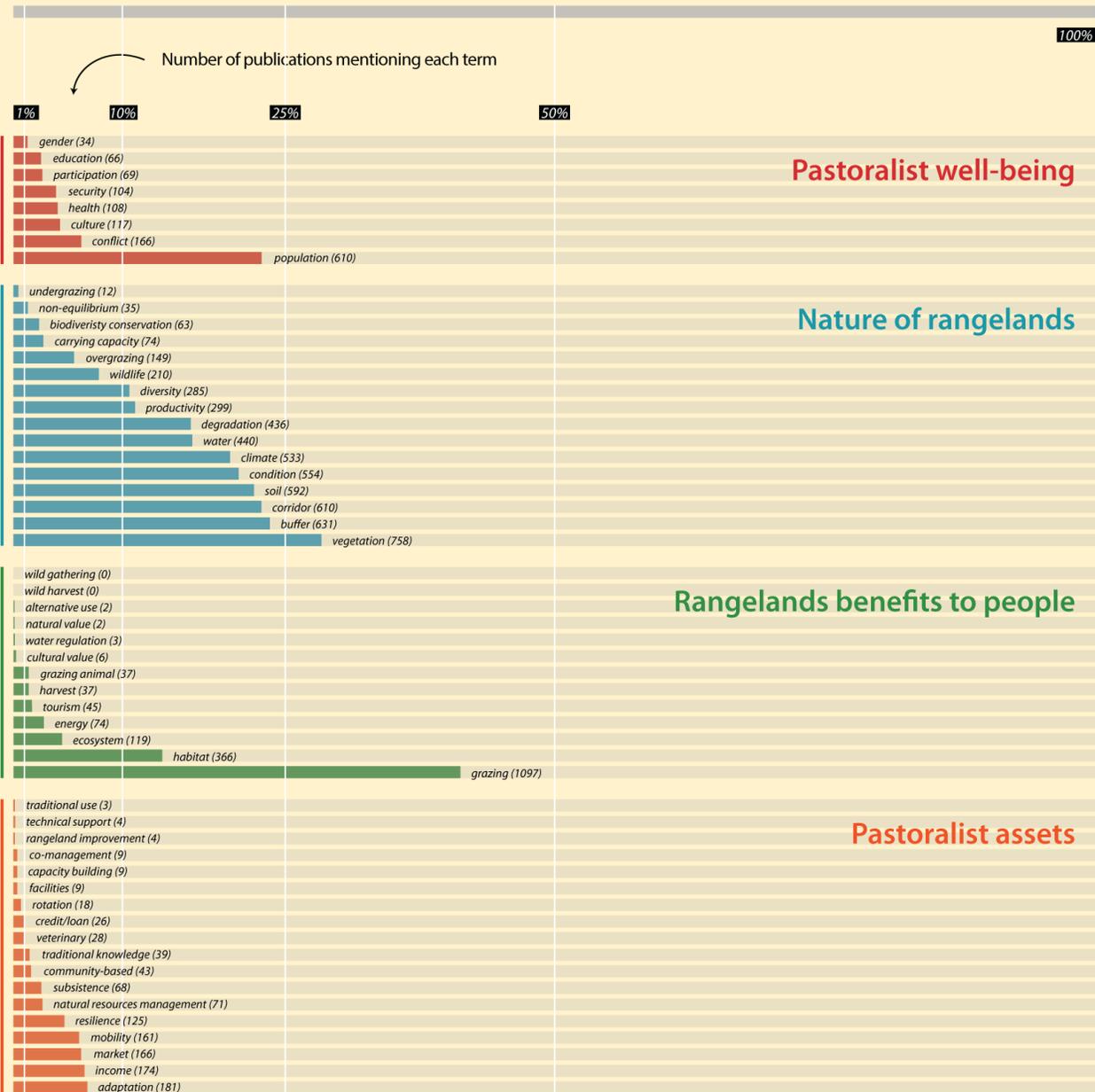


Number of publications that include **either pastoralism or rangelands or both** (refer to scale on the right)

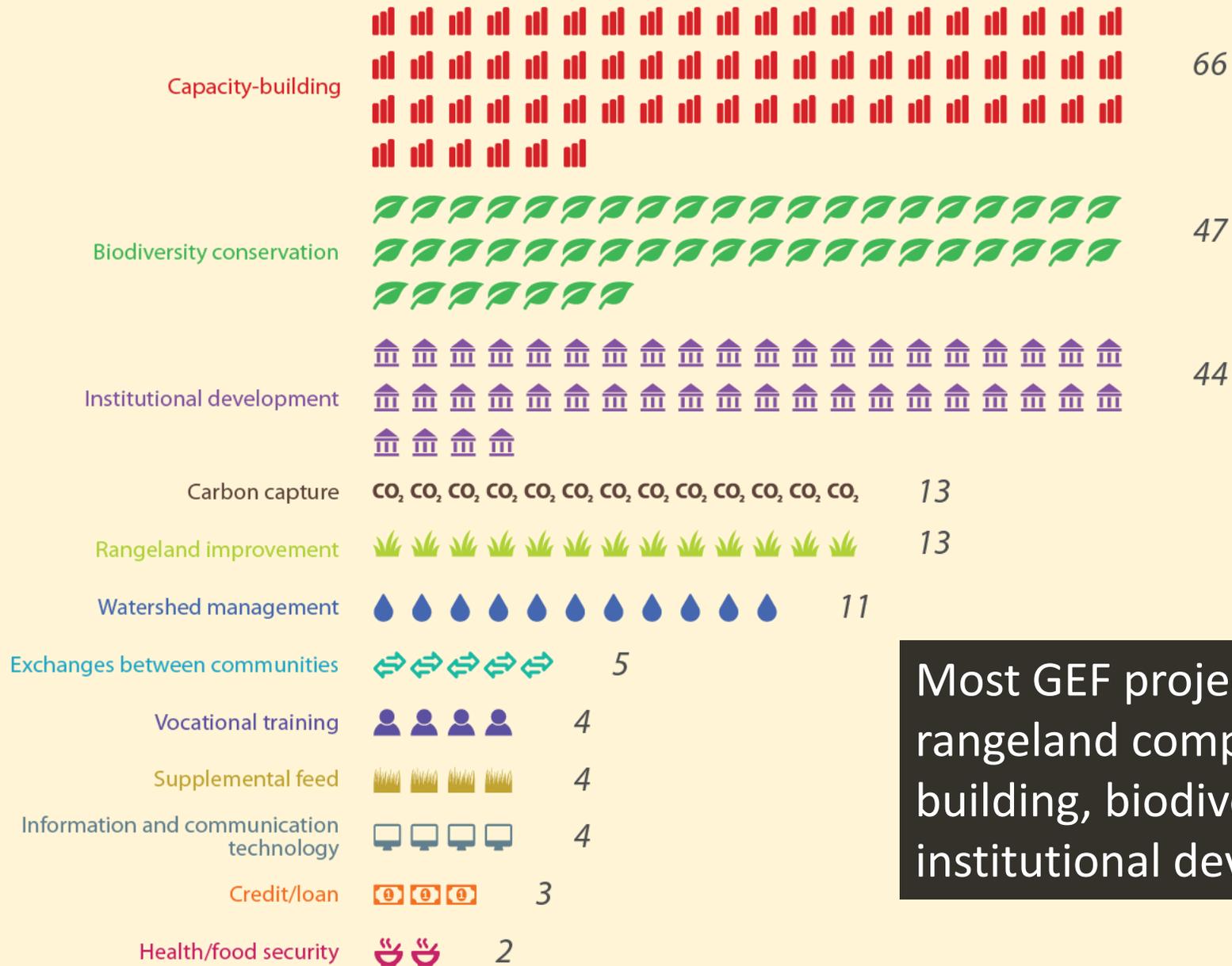
Number of publications that include **a combination of pastoralism and rangelands** are shown in blue (refer to scale on the left)

# Number of Scopus publications on pastoralism and rangelands by keyword

Academic publications in Scopus mentioning rangelands and pastoralism (2,658)



# Provision of technical support



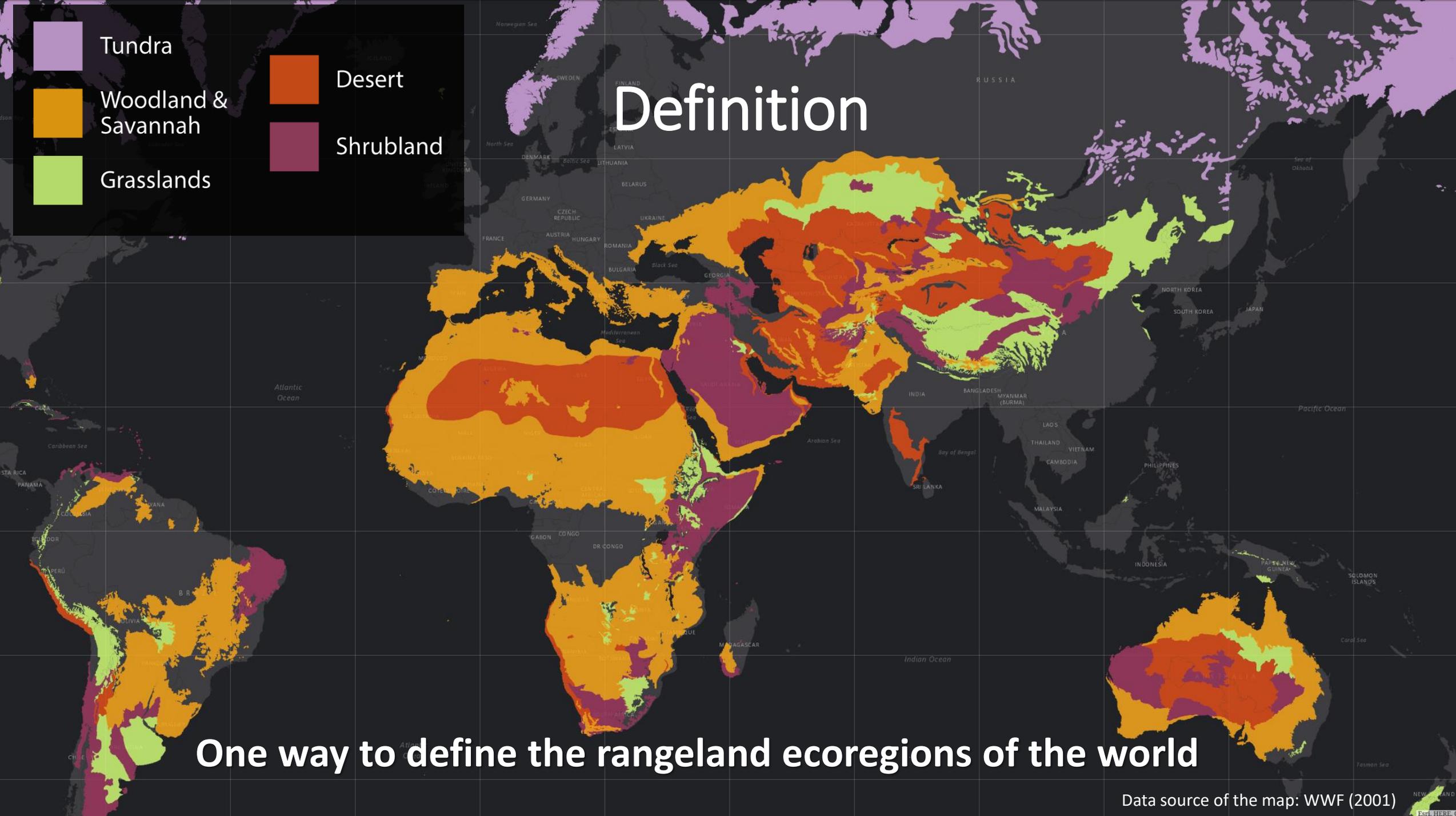
Most GEF projects with pastoralist and rangeland components focus on capacity-building, biodiversity conservation and institutional development.

# Findings



# Definition

-  Tundra
-  Woodland & Savannah
-  Grasslands
-  Desert
-  Shrubland



One way to define the rangeland ecoregions of the world

Data source of the map: WWF (2001)

# Disaggregation



# Devaluation





## Recommendation 1

Conduct an  
intergovernmental,  
integrated global  
assessment



## Recommendation 2

Enhance the availability  
and quality of existing  
information



## Recommendation 3

Broaden the understanding of pastoralism and the value of rangelands



## Recommendation 4

Conduct a detailed assessment on the provision of technical support to pastoralists



## Recommendation 5

Involve pastoralists in all assessments and information gathering

A photograph of three women sitting outdoors, smiling. They are wearing colorful headscarves: one in purple, one in yellow, and one in grey and purple. They are sitting on the ground, and there are trees and flowers in the background. The text 'International Year of Rangelands and Pastoralists' is overlaid in white on the bottom half of the image.

# International Year of Rangelands and Pastoralists

Pastoral women selling milk at roadside in Isiolo, Kenya © Tom Martin/VSF Suisse



Thank you