Why an Atlas on rangelands?

• To start filling data gaps in terms of maps and key data/figures
• To raise awareness on the enormous environmental, economic and social value of rangelands as well as their different ecosystems.
• To start exploring the different changes taking place in rangelands, including those being monitored at global levels such as land degradation neutrality and climate change.
• To provide a platform for local voices to describe what they are doing to respond to these changes and the challenges that they face.
• To strengthen global collaboration on rangelands.
How was the Atlas produced?

• The spatial mapping of rangelands was produced by focusing on seven of the 14 global biomes categorised by WWF in their mapping of terrestrial ecoregions around the world.

• The map of rangelands is combined with other existing global datasets on different themes, to produce a mapping of that data “for rangelands.”
Distribution of rangeland types globally

Rangeland types
- Deserts and semi-deserts
- Mediterranean forests, woodlands, and scrub
- Montane grasslands and shrublands
- Tropical and subtropical grasslands, savannas, and shrublands
- Tundra

Table:

<table>
<thead>
<tr>
<th>No.</th>
<th>Rangeland types</th>
<th>Area (sq km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Deserts and semi-deserts</td>
<td>27,584,614</td>
</tr>
<tr>
<td>2</td>
<td>Mediterranean forests, woodlands, and scrub</td>
<td>1,036,123</td>
</tr>
<tr>
<td>3</td>
<td>Montane grasslands and shrublands</td>
<td>3,237,369</td>
</tr>
<tr>
<td>4</td>
<td>Tropical grasslands and shrublands</td>
<td>5,205,413</td>
</tr>
<tr>
<td>5</td>
<td>Tundra</td>
<td>12,104,073</td>
</tr>
<tr>
<td>6</td>
<td>Tropical and subtropical grasslands, savannas, and shrublands</td>
<td>29,223,649</td>
</tr>
<tr>
<td>7</td>
<td>Total</td>
<td>79,260,410</td>
</tr>
</tbody>
</table>

Source: Terrestrial ecosystems of the world. Downloaded on 2021 from: https://www.researchgate.net/publication/328316510 Terrestrial ecosystems of the world: a map of the world’s major ecosystems. ©2007, Environmental Systems Research Institute, Inc. (ESRI). All rights reserved.
What is the Atlas?

• Currently 16 sets of maps covering different themes.
• Key data; a story from the field; explanation of terminologies.
• We are reliant on the accuracy of the datasets we have accessed: the data have not been verified on the ground, and we will be looking for ways to do this.
• The Atlas is work in progress: a living document!
A strengthening partnership on rangelands at global level

• This Atlas is a collaborative initiative of the International Livestock Research Institute (ILRI), International Union for Conservation of Nature (IUCN), Food and Agricultural Organization (FAO) of the United Nations, World Wide Fund for Nature (WWF), the United Nations Environment Programme (UNEP), and the global Rangelands Initiative of the International Land Coalition (ILC).

• It reflects a strengthening, global movement to protect, restore and appropriately invest in rangelands, as we move forward to the UN Decade of Ecosystem Restoration.

We thank all our supporters including the mappers, publishers, web designers and communication teams.
The Atlas is available for downloading from the Atlas website: [http://rangelandsdata.org/atlas](http://rangelandsdata.org/atlas)