

Traditional weather forecasting and climate change knowledge among Afar pastoralists in north Eastern Ethiopia: Role in Climate change adaptation



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Afar pastoralists

- Pastoralist in the horn of Africa
 - Ethiopia
 - Djibouti
 - Eritrea
- Camel herders
- Drought and variability real challenges
- Developed elaborate Indigenous weather forecasting knowledge
 - Reliability
 - Relevance
 - Affordability

Qafara
Afar
عفر

Total population

c. 4,173,000

Regions with significant populations

	Ethiopia	2,996,000 ^[1]
	Djibouti	306,000 ^[2]
	Eritrea	780,000 ^[3]

Languages

Afar

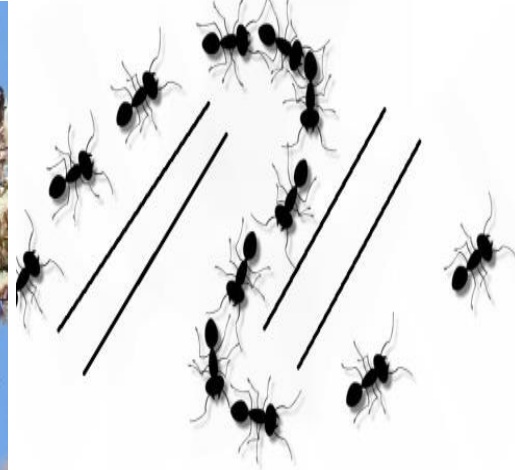
Religion

 Islam

Related ethnic groups

Agaw · Amhara · Beja · Oromo · Saho · Somali · Tigray · Tigre and other Cushitic peoples.

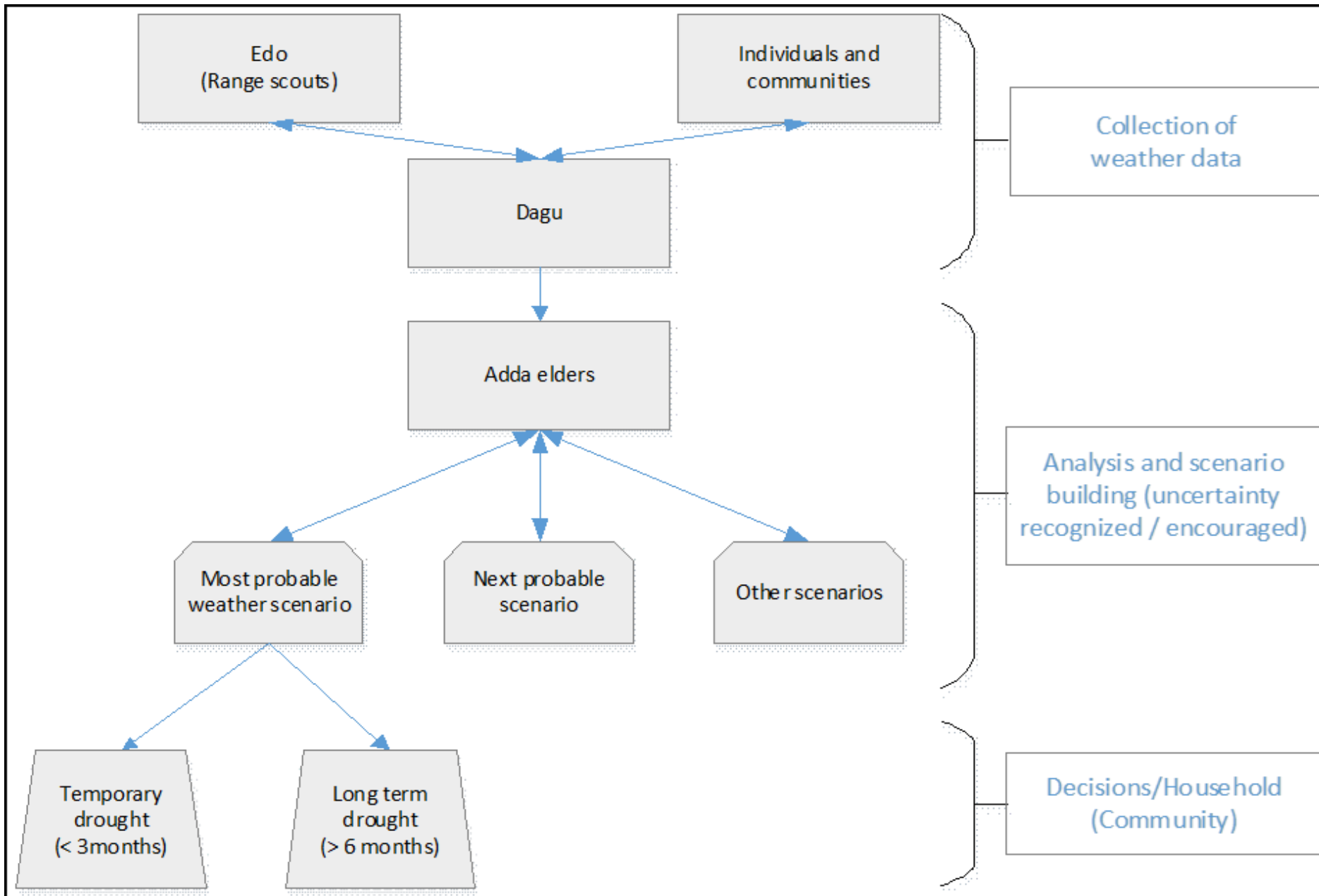
Indigenous weather and climate data



Data is communicated through efficient communication and analysis institutions to guide community livelihoods decisions



Indigenous weather forecasting



Indigenous weather prediction guide important livelihood actions



Summary

- Traditional and Indigenous knowledge most accessible and affordable and relevant source of weather and climate information for pastoralists
 - Presents information at scales relevant to daily livelihood decisions
 - It is based on diverse sources of information (Bio-physical and even scientific sources)
 - Continuously refined and updated
- Helps pastoralists make important livelihood decisions
- Co-production with science may provide synergies and even new sources of knowledge and understanding

Thank You!

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