



Centre for  
Pastoralism

## GIS Analyst for the Research Team.

August 2023

Centre for Pastoralism (CfP) works on a range of pastoralists' issues across the country. To get a better understanding of pastoralism in various states, CfP is simultaneously working on projects to map the pastoral movement and to quantify their economies across India. The collection of this data will entail an atlas and reports which will contain a series of maps and statistical narratives that talk about the various problems pastoralists face while on their migratory routes and in their sedentary lifestyles.

The primary focus of these projects is to understand and visualise the scale and spread of pastoralism and acknowledge the factors responsible for the decision-making of pastoralists while migrating. As no such data has been collected in the past, CfP is conducting an on-ground survey by interacting with the pastoral communities and collecting information regarding their migratory routes and economies. The pilot of these projects was conducted in Himachal Pradesh. Based on the learnings and experiences in Himachal Pradesh, the projects have expanded to Uttarakhand, Gujarat and Maharashtra. The collected data will be overlaid on various derived datasets from satellite imagery like terrain, vegetation, drainage patterns, climatic conditions etc. and other secondary data to understand the relation of pastoral activities with natural and human induced occurrences. CfP believes that such a visual and statistical representation of data will aid in better policy and decision making for the copious pastoral communities.

**NOTE :** The GIS Analyst will be located full time in the CfP Delhi office.

### Field Researchers are expected to:

1. Inspect the data collected by field researchers across multiple states to clean and process the data.
2. Maintain the processed data in a structured format.
3. Analyse data from a spatio-temporal context and as required for various thematics under CfP.
4. Visualise data in the form of statistical diagrams, charts and maps as necessary.
5. Look for updated secondary datasets which can be used in relationship with the pastoral data for mapping.

### Desired experience and qualifications:

We are looking for someone who has some understanding about pastoralism and pastoral activities in India. The candidate is needed to be able to process, analyse and manage extensive amounts of data in the form of Microsoft Excel files. Previous data management experience is highly desirable. The candidate should have a general sense of cartography and should have hands-on experience with GIS softwares.

The candidate must have the following qualifications:

- A Bachelor's / Master's degree in data science, GIS, life sciences, environmental sciences, geography, or a similar field.
- Capable of cleaning and managing large datasets on Microsoft Excel.
- Should be able to work efficiently in teams and individually.

We will accept applications till August 31, 2023 and start shortlisting candidates for interviews and continue until the position is filled. Please write to Yash Ketkar ([yash@centreforpastoralism.org](mailto:yash@centreforpastoralism.org)) for more information on CfP, the project or the position. To apply, please fill up this [form](#) and submit your **CV** and a **Cover Letter**.

Centre for Pastoralism

c/o Sahjeevan.  
175-Jalaram Society, Vijay Nagar.  
Hospital Road, Bhuj-Kachchh  
Gujarat 370001  
P: 91 2832 251814

E: [coordinator@centreforpastoralism.org](mailto:coordinator@centreforpastoralism.org)

F 301, 3<sup>rd</sup> Floor, Chaudhari Prem Singh House,  
Himmat Singh Marg, Lado Sarai.  
New Delhi 110049  
P: 9818369335/9818205681

[www.centreforpastoralism.org](http://www.centreforpastoralism.org)

Khasra No.7, Dhanion ka Danda  
Near Ramkrishna Misson Ashram  
Old Mussoorie Road, Kuthalgate  
Dehradun, 248009  
P: 9012714863