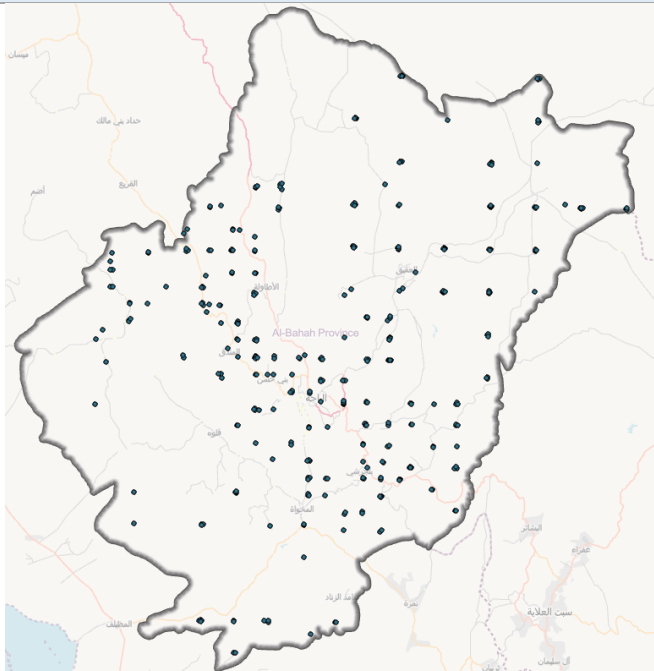


Metadata for NFI KSA Albaha Sample Data

Part 1: Basic Metadata (Mandatory)

1.01 Thumbnail

Prepare small thumbnail that represents this dataset. Create and save thumbnail. Insert thumbnail in the space provided and indicate the file name.

Create and save thumbnail	Enter file name
	

1.02 – Title

Descriptive title for this data. Should provide sufficient information to external users.

Enter Data Title

NFI KSA Albaha Sample data

1.03 – Abstract

Provide a short and concise abstract which summarizes what this data is about. Similar to the abstracted provided in a scientific paper.

Enter data abstract

Total Sampled Trees: 6,539

This dataset comprises 1,516 georeferenced sample points from the NFI's systematic 250m grid survey in the Albaha Region, capturing detailed records for 6,539 individual trees. The data includes tree measurements (e.g., height stratification), ecological classifications, and precise GPS coordinates to support forest resource monitoring.

Key Highlights:**Tree Data:**

Total Trees Sampled: 6,539 (across all plots)

Mature Trees ($\geq 3m$): [Specify if data available]

Saplings ($< 3m$): [Specify if data available]

Example plots: SUSAP2 (10 trees), SUSAP3 (2 trees) (subset shown in table)

Geospatial & Ecological Context:

Coordinates: WGS 1984 (decimal degrees, ~1m GPS accuracy)

Agro-climatic zones: Asir Scarp (6.1), High Asir (6.2)

Stratified by governorates (e.g., Ghamed Zenad, Al-Bsha)

Methodology:

Part of the NFI KSA's nationwide 250m grid framework

Focused on the Asir Mountains' ecological strata

Purpose: Supports long-term forest management, carbon stock assessments, and biodiversity conservation in arid regions.

1.04 – Date type

Provide all three type of dates - Creation date, Publication date, and Revision date.

Identification of when a given event occurred

Creation	2023-2025
Publication	2023-2025
Revision	2023-2025
relevant date	2023-2025

1.05 – Group

The group, department or unit to which this data belongs.

Enter group name

Registered Members,
FAO Spatial Data Group,
Natural Resources Management Component NRM - FAO KSA

1.06 – Category	1.07 – Free-text Keywords
<i>Provide one primary category to which this data belong. Select from the list provided. Possible categories related to the SRADP project are highlighted in green color.</i>	<i>Keywords helps Search Engines such as Google find data requested by users. Use FAO AGRIS to select the most appropriate keywords for this data. To make the data discoverable, provide a minimum of 5 keywords.</i>
<i>Field declared Mandatory by the Metadata Schema</i>	<i>A space or comma-separated list of keywords. Use the Widget to select from Hierarchical tree.</i>
Select one of the following : (highlighted by Yellow)	REQUIRED: Common-use word or phrase used to describe the subject of the data set. (Provide 5 keyword minimum)
Imagery Base Maps Earth Cover	
Society	
Economy	
Utilities Communication	
Environment	Forest Composition boundaries
Oceans	
Biota	
Health	
Elevation	-
Geoscientific Information	-
Planning Cadastre	-
Inland Waters	-
Boundaries	-
Structure	-
Transportation	-
Intelligence Military	-
Location	Al-Baha, Asir, Makkah, Jazan, and Al-Madinah
Climatology Meteorology Atmosphere	-
Farming	-
Population	-

Part 2: Location and Licenses (Mandatory)

2.01 Language
<i>Provide data language</i>
<i>Language used within the dataset</i>
Enter data language
English

2.02 License
<i>Provide the type of license under which this data is published and intended to be used.</i>
<i>License of the Dataset</i>
Select one of the following License: (highlighted by Yellow)
NextView
Not Specified

Open Data Commons Open Database License / OSM
Public Domain
Public Domain / USG
Varied / Derived
Varied / Original

2.03 Attribution

Identify the entity or agency with authority and responsibility over this data.

Authority or function assigned, as to a ruler, legislative assembly, delegate, or the like.

**Field declared Mandatory by the Metadata Schema*

Enter attribution for this data

**Source: Saudi National Center for Vegetation Cover (NCVC) – 2023 NFI Survey.
Redistribution requires prior approval."**

2.04 Regions

Identify the region that the data covers. You can provide several regions.

Enter global or specific regions

Albaha

2.05 Data quality statement

Statement on the data quality. This allows any known issue about the data quality to be documented and shared with data user so that they can use the data appropriately.

Provide data quality statement

Precision Mapping:

High-resolution boundaries ($\pm 3m$ accuracy for GPS-verified areas)

Attributes include canopy density, dominant species (*Juniperus procera*, *Acacia* spp.), and protection status

2.06 Restrictions

Indicate any know restriction on this data. You could consider the following when assessing data restriction:

- (1) Exclusive right to the publication, production, or sale of the rights to a literary, musical, or artistic work, or to the use of a commercial print or label, granted by law for a specified period of time to an author, composer, artist, distribution
- (2) Rights to financial benefit from and control of distribution of non-tangible property that is a result of creativity
- (3) Formal permission to do something
- (4) Government has granted exclusive right to make, sell, use or license an invention or discovery
- (5) Produced or sold information awaiting a patent
- (6) Withheld from general circulation or disclosure
- (7) Name, symbol, or other device identifying a product, officially registered and legally restricted to the use of the owner or manufacturer
- (8) Other restrictions

Limitations Placed upon the access or use of the data

** Field declared Mandatory by the Metadata Schema*

Enter any know data use restriction information

(3) Formal permission to do something

This data can be used for presentation and View, if there is any kind of modification, coordination with the GIS Department in organization's office in Saudi Arabia is required.

2.07 Other constraints

Identify any other constraints on this data that would be important to document and share with the data users

Enter other constraints on this data

Part 3: Other Data Description (Optional)

3.01 Edition

If the data is linked or resulting from work that has editions, indicate the edition for this dataset.

Version of the cited resource

Enter Edition

3.02 DOI

The DOI (Digital Object Identifier) will be assigned by the Metadata Administrator.

DOI will be added by Admin before publication

Create and enter the data DOI

3.03 Purpose

The purpose for which this dataset and related studies were undertaken.

Provide data purpose

Applications

Conservation: Identifying deforestation hotspots and intact forest zones.

Policy Support: Informing Saudi Arabia's National Transformation Program for environmental protection.

Research: Baseline data for studies on arid-forest resilience and carbon sequestration.

3.04 Maintenance frequency

The frequency for data update.

Frequency with which modifications and deletions are made to the data after it is first produced

Select one of the following : (highlighted by Yellow)

Frequency of maintenance for the data is not known

Data is repeatedly and frequently updated

There are no plans to update the data

Data is updated each day

Data is updated every year

Data is updated as deemed necessary

Data is updated each month

Data is updated every two weeks

Data is updated in intervals that are uneven in duration

Data is updated on weekly basis

Data is updated twice each year

Data is updated every three months

3.05 Spatial representation type

How the spatial data is presented, Method used to represent geographic information in the dataset

Select one of the following : (highlighted by Yellow)

Grid data is used to represent geographic data

Three-dimensional view formed by the intersecting homologous rays of an overlapping pair of image

Textual or tabular data is used to represent the geographic data
Triangulated irregular network
Vector data is used to represent geographic data
Scene from a video recording

3.06 Supplemental information (Remarks)

Provide any additional supplemental information about this data that could help the user when using this data

Enter supplemental information / Remarks

This supplementary metadata provides critical context for the Tree Density Alhala Albaha dataset, detailing its geospatial characteristics (including coordinate reference system EPSG:4326), attribute definitions (density classifications, area measurements, and confidence scores), and quality assurance measures (positional accuracy within $\pm X$ meters and 95% thematic accuracy against field validation)

3.07 Temporal extent Start and End

Provide temporal extent start and end that may have bearing on this data.

Temporal extent start		Temporal extent end	
Date	Time	Date	Time
Enter temporal start date	Enter temporal start time	Enter temporal end date	Enter temporal end time

3.08 Responsible Parties / Point of Contact

Who can be contacted about this data? This is usually the metadata administrator.

Admin Name

Enter Metadata Admin

Dr. Njeru Jeremiah – Chief Technical Advisor of Natural Re Management NRM – FAO KSA
 Dr. Ouerchefani, Dalel - TECHNICAL ADVISER, FAOSA
 Mr. Gabriel Vincent Sanya - GISRS and Land Cover Mapping Expert -FAOSA
 Mr. Haitham Abdullah – GIS Specialist – FAO KSA

3.09 Responsible and Permissions / Owner

Who is the responsible over this data? This is usually the person that led or supported the creation of the data

Data Responsible / Owner

Enter data owner

FAO
NCVC Geo-Spatial Unit
MoEWA

3.10 Metadata Author

Who is the author of the metadata? This is usually the person that led or supported the creation of the data.

Data Responsible / Owner

Enter Metadata Admin

GIS Department in Food and Agriculture Organization of the United Nations (FAO) in Saudi Arabia

Part 4: Part 4 - Data Attributes (Optional)

4.01 Key data features and attributes

Detailed description of the data layer features and attributes will be provide in a separate custom template for data features and attributes description. Here, the key features and attributes (objects) for this data are provided.

Description of key features and attributes

Attribute / Feature	Description
<i>Enter the attributes of this Layer</i>	<i>Enter the description of the attributes</i>
<i>ACZ_Code</i>	<i>Agro-Climatic Zone Code</i>
<i>SU_COD</i>	<i>Sample Unit Code</i>
<i>Strata_Nam</i>	<i>Stratification Name</i>