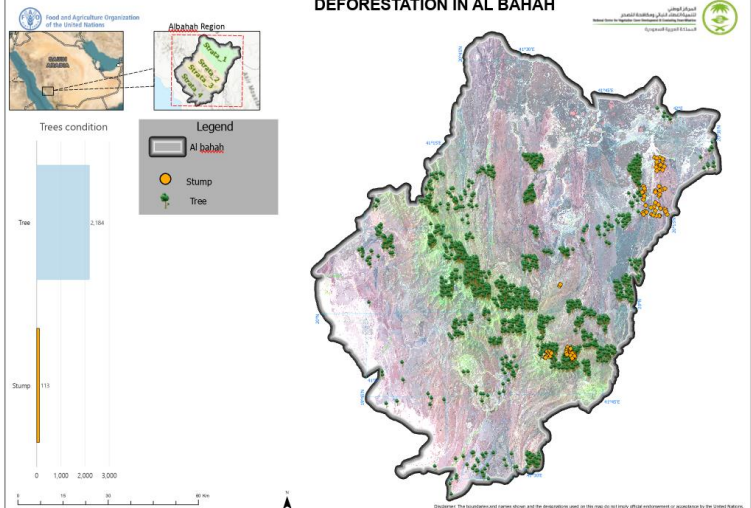


# Deforestation Hotspots in Albaha

## 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

**Deforestation Hotspots in Albaha**

### 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

**Agro-climate zones for the Kingdom of Saudi Arabia (KSA) digitized from map published by Ministry of Agriculture. The MoEWA study developed the agro-ecological zones. This dataset offers comprehensive information on agro ecological zones across Saudi Arabia, encompassing diverse landscapes beyond just forested areas. It includes high-resolution spatial data beneficial for agricultural planning, ecosystem monitoring, and sustainable resource management across various ecological zones. Curated by the FAO-KSA project team, this dataset aids in informed decision-making by providing insights into ecological characteristics and land-use potential throughout the country. Researchers, policymakers, and land managers can utilize this resource for national studies and environmental assessments.**

### 1.04 – Date type

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

Identification of when a given event occurred

|                      |             |
|----------------------|-------------|
| <b>Creation</b>      | <b>2023</b> |
| <b>Publication</b>   | <b>2023</b> |
| <b>Revision</b>      | <b>2023</b> |
| <b>relevant date</b> | <b>2023</b> |

### 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

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.

*Field declared Mandatory by the Metadata Schema*

**Select one of the following : (highlighted by Yellow)**

Imagery Base Maps Earth Cover

Society

Economy

Utilities Communication

**Environment**

Oceans

Biota

Health

Elevation

**Geoscientific Information**

Planning Cadastre

Inland Waters

Boundaries

Structure

Transportation

Intelligence Military

Location

Climatology Meteorology Atmosphere

### 1.07 – Free-text Keywords

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.

A space or comma-separated list of keywords. Use the Widget to select from Hierarchical tree.

REQUIRED: Common-use word or phrase used to describe the subject of the data set. *(Provide 5 keyword minimum)*

**Saudi Arabia**

**Deforestation**

**Albaha, Forest**

**Degradation**

**NFI 2023**

**Land Use Change**

**Conservation**

-

-

-

-

-

-

-

-

-

-

|            |   |
|------------|---|
| Farming    | - |
| Population | - |

## Part 2: Location and Licenses (Mandatory)

### 2.01 Language

Provide data language

Language used within the dataset

**Enter data language**

English

### 2.02 License

Provide the type of license under which this data is published and intended to be used.

License of the Dataset

**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***

This tree survey dataset from Al Bahah Region, Saudi Arabia represents field data collected between March 2023 and July 2024 using standardized protocols. While collected with care, users should be aware of several quality considerations.

Field teams recorded all data using GPS-enabled devices, achieving typical consumer-grade accuracy of approximately 5 meters. Each record underwent verification against original field sheets to ensure attribute accuracy. However, the data only includes living tree locations ("Tree" status) and excludes other vegetation observations that may exist in the source surveys.

Several limitations affect data usage. The point locations reflect accessibility constraints during fieldwork, resulting in uneven sampling density across the region. The dataset represents a snapshot in time without temporal markers for individual observations. Coordinate reference system details were not explicitly documented, though WGS84 is assumed based on collection methods.

This dataset has undergone quality checks including 100% field verification of plot locations and cross-referencing with satellite imagery. While suitable for regional vegetation analysis and plot-level studies when combined with supplementary data, the positional accuracy may not support precise location-based analysis. Users seeking comprehensive vegetation records should consult additional datasets for dead trees, stumps, and associated environmental variables.

## 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**

*Version 1*

### 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**

*It serves as a critical tool for monitoring forest health, enforcing conservation policies, and supporting Saudi Arabia's Vision 2030 sustainability goals.*

### 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                                                                        |
| <b>Data is updated as deemed necessary</b>                                                        |
| 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                                                                |
| <b>3.05 Spatial representation type</b>                                                           |
| How the spatial data is presented, Method used to represent geographic information in the dataset |
| <b>Select one of the following : (highlighted by Yellow)</b>                                      |
| 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                                                                    |
| <b>Vector data is used to represent geographic data</b>                                           |
| Scene from a video recording                                                                      |

|                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3.06 Supplemental information (Remarks)</b>                                                                                                                                 |
| Provide any additional supplemental information about this data that could help the user when using this data                                                                  |
| <b>Enter supplemental information / Remarks</b>                                                                                                                                |
| <i>This layer of Agro Climatic Zones can be also clips according to the regions and governorates to identify which of the Zones types among the regions or specific areas.</i> |

| <b>3.07 Temporal extent Start and End</b>                                 |                           |                         |                         |
|---------------------------------------------------------------------------|---------------------------|-------------------------|-------------------------|
| 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 |
|                                                                           |                           |                         |                         |

|                                                                                   |
|-----------------------------------------------------------------------------------|
| <b>3.08 Responsible Parties / Point of Contact</b>                                |
| Who can be contacted about this data? This is usually the metadata administrator. |
| <b>Admin Name</b>                                                                 |
| 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**

| <b>Attribute / Feature</b>                | <b>Description</b>                                          |
|-------------------------------------------|-------------------------------------------------------------|
| <i>Enter the attributes of this Layer</i> | <i>Enter the description of the attributes</i>              |
| <i>FID</i>                                | <i>Unique feature identifier</i>                            |
| <i>Shape</i>                              | <i>Geometry type</i>                                        |
| <i>SUPLOT</i>                             | <i>Survey unit and plot combination code</i>                |
| <i>SU_No</i>                              | <i>Survey unit number</i>                                   |
| <i>Plot_ID</i>                            | <i>Individual plot identifier within survey unit</i>        |
| <i>Tree_S_1</i>                           | <i>Tree status indicator (Values: "Tree" = living tree)</i> |
|                                           |                                                             |
|                                           |                                                             |
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