FAO KSA Geospatial Data – Distribution of National Parks in Kingdom of Saudi Arabia

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.



1.02 – Title

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

Distribution of National Parks in Kingdom of Saudi Arabia

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

This map illustrates the spatial distribution of national parks across the Kingdom of Saudi Arabia. It provides a visual representation of the boundaries and locations of designated protected areas under national park status, distributed throughout the 13 administrative regions. The national park boundaries were provided by the General Department of National Parks (GDNP) at the National Center for Vegetation Cover (NCVC) to the Food and Agriculture Organization (FAO), based on the most recent dataset updated in April 2025. The map supports environmental planning, conservation, and biodiversity monitoring efforts and was developed using GIS techniques to ensure accurate and informative spatial representation.

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	23 April 2025		
Publication	April, 2025		
Revision	April, 2025		
relevant date	April, 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	
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.	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.	
Field declared Mandatory by the Metadata Schema	A space or comma-separated list of keywords. Use the Widget to select from Hierarchical tree.	
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	National Parks Distribution	
Society	NP	
Economy	National Parks Name	
Utilities Communication	National Parks Region	
Environment	National Parks Governorates	
Oceans	-	
Biota	-	
Health	-	

Elevation	-
Geoscientific Information	-
Planning Cadastre	-
Inland Waters	-
Boundaries	-
Structure	-
Transportation	-
Intelligence Military	-
Location .	-
Climatology Meteorology Atmosphere	-
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

Since the Geospatial department of the Food and Agriculture Organization (FAO) of the United Nations in Saudi Arabia received and created this layer showing the distribution of national parks in the Kingdom of Saudi Arabia, no individual or entity is permitted to obtain, use, or redistribute this layer without the prior approval of the FAO office. The national park boundaries were officially provided by the General Department of National Parks (GDNP) at the National Center for Vegetation Cover (NCVC), and therefore, no updates or modifications to these boundaries are allowed without the joint approval of both GDNP and FAO.

2.04 Regions

Identify the region that the data covers. You can provide several regions. Enter global or specific regions

13 Region of Kingdom of Saudi Arabia

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

The national park boundaries were digitized using high-resolution imagery from Google Earth Pro. While the data reflects official inputs from GDNP, it is approximate and intended for reference purposes only. Any official use or updates require prior approval from both FAO and GDNP.

2.06 Restrictions

Indicate any know restriction on this data. You could consideration 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 may be used for spatial analysis, visualization, and presentation purposes. The national park boundaries can support a variety of geospatial and remote sensing applications, including Digital Elevation Model (DEM) analysis, Land Surface Temperature (LST), soil moisture estimation, NDVI, and other environmental assessments. This data can be used by GDNP and FAO or any party permitted by FAO or GDNP

2.07 Other constraints

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

National Parks boundaries distribution over KSA are used by experts for planning and decisions making related to agriculture development, natural resources management, and related fields.

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 every year Data is updated each month Data is updated every two weeks Data is updated in intervals that are uneven in duration Data is updated twice each year Data is updated twice each year 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

Users should ensure that this data is applied at appropriate scales and in the context of its intended use. Boundary accuracy is suitable for general reference and spatial analysis

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 Resource Management NRM

Dr. Dalel Ourchefani – Technical Adviser Spatial Land Resources Information Systems

Mr. Gabriel Sanya - GIS and RS Expert.

Mr. Haitham Abdullah – GIS Specialist

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 Geo-Spatial Department 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

Geo-Spatial 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			
Enter the attributes of this Layer	Enter the description of the attributes			
ID (Long Integer)	ID numbers for all polygons of National Parks			
National parks Name English (String)	English Name of the National Park			
National parks Name Arabic (String)	Arabic Name of the National Park			
Region	Region Name that National Park follow			
Governorate	Governorate name the National Park Follow			
Area/Ha	Area by Hectare of the National Park			