
Landscape Planning For Ecotourism within Protected Areas in Saudi Arabia (A case Study in Wadi Al Desah within Crown Prince Mohammed Bin Salman Protected Area)

A Data Management Plan created using DMPonline

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Project abstract:

The proposed study seeks to identify and frame the landscape characters that will be essential to guide the ecotourism of a protected area. Considering the increased interest when it comes to the utilization of natural resources within protected areas for a wide range of purposes, this thesis recognizes the need of an integrated approach towards landscape and its perceived qualities. Hence, this thesis attempts to produce an integrated overview and evaluation of the landscape's visual, ecological and geological characteristics in order to facilitate discussion on the ecotourism, utilising an adapted landscape characterization based on existing LCA approaches. The results of the Landscape Character Assessment produced in this thesis are expected to provide important information for the development of future ecotourism policies and land development plans within this and other protected areas, it should be possible within any successful landscape character method to be able to undertake characterisation at a range of spatial scales. Therefore in order to assess the suitability of the adopted LCA approach in Saudi Arabia, this thesis will generate and explore characterisations at both national and local scale. To achieve the main aim of the study, the study will consider the following objectives: 1. Synthesise appropriate method for landscape characterization for Saudi Arabia, exploring different existing approaches and differences within Western/non-Western settings. 2. Evaluate national LCA in order to explore similarities with existing protected designation status. 3. Identify and evaluate local LCA in the Crown prince Mohammed bin Salman protected area for the expansion of ecotourism sites.

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Defining your data

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Defining your data

The research will produce different data collection approaches; this will cover

- Interviews :The interviews will be with Government sectors/ experts (Names to be list based on the availability of staff schedules) within the department of planning, managers, and crown prince NEOM head office(Primary Data).
- Questionnaires:The questionnaire will be distributed to public who live near the protected area (within Tabuk City), the questionnaire will be an online version (Google form) to be delivered to public participants during the site visit to Wadi Al Disah, the number of participants in line with similar studies is 100 up to 150 (Primary Data).

- Maps using GIS. (Secondary Data).

No.	Theme	Source
1	Basemap	Landsat mosaic downloaded from USGS EarthExplorer
2	Administrative Features	MOMRA(Ministry of Municipalities and Rural Affairs)
3	Settlements	Tabuk Province
4	Landuse	Tabuk Province
5	Archeological Features	Tabuk Province
6	Vegetation	Tabuk Province + site visit
7	Geology	IAU from KSA Atlas
8	Topography	IAU from SRTM data
9	Hydrology	IAU from SRTM data
10	Protected Area	Tabuk Province

- Site visit to Wadi Al Disah.

Looking after your data

Looking after your data

- Data easier to understand and use: Creating Folders and sub folders (README file).
- Data are stored in an encrypted drive and secure PC.
- Name and organise data files: Title,version,YYYY-MM-DD
- University research data storage, IAU One drive, USB, Hard desk drive, and Personal and Academic Tutoring System (PATS)
- Back up are checked by file dates monthly.
- There is no need to use extra security precautions for any of your digital or physical data, the data are stored securely.

Archiving your data

Archiving your data

- Interview audio, maps and questionnaires files will be archived indefinitely at the end of the project.
- the data will be stored for at least ten years after the project has ended.
- the data will be stored in a University storage and IAU repository for at least ten years after the project has ended.
- The principal investigator is responsible for moving data into the archive.

Sharing your data

Sharing your data

- No sensitive personal data was collected. Any data linked to an individual has been anonymised.
- All data are available for further reuse.
- The research supervision team would also have reasonable access to the data. Data can be shared for the purpose of research only with permission.
- Licence attached to data: Creative Commons attribution licence (CC)

Implementing your plan

Implementing your plan

- The principal investigator (mainly) and supervisors are responsible for making sure the plan is followed.
- This plan will be reviewed monthly until the end of the PhD.