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## 13. Environmental Considerations

### 13.1 Lamu Area

Integration of development plans in Lamu with the existing natural and social conditions should be done to ensure sustainability of the resources within the area. As mentioned in **Chapter 4, Section 4.7**, Lamu presents a rich ecosystem of flora and fauna. There also exists a diverse and relevant socio-economic fabric.

An **Environmental Impact Assessment (EIA)** study is required for the first three (3) berths as stipulated in the *Environmental Management and Coordination Act of 1999*, which requires any proponent of a construction project of this nature to undertake and submit an EIA Report in the prescribed form as provided by the National Environmental Management Authority (NEMA), who is responsible for issuing, varying or cancelling any such licenses. Without an EIA license, construction cannot commence.

Key environmental and social impacts to be studied under this EIA include:

- Impact of project on marine life (Dugong, Sea Turtles).
- Impact of fishing industry.
- Impact on terrestrial floral and faunal species.
- Physical and economic displacement of project affected persons.
- Impact of construction (migrant workers) on HIV/AIDS prevalence.
- Other

Ministry of Transport, being the proponent, will be the applicant of the EIA license which requires a processing fee of 0.05% of the total cost of project to a maximum of KSh 1,000,000 payable prior to and upon submission of the Final EIA Report. The proponent will also be required to actively participate in stakeholder forums in which the project will be explained and discussed with stakeholders. Minutes of such forums are mandatory for approval.

Before the commencement of work, an Archaeological Impact Assessment (AIA) by National Museums of Kenya will also be necessary. It is understood that MOT and NMK have had discussions on the same.

**Figure 13.1-1** shows a consolidated view of the environmental considerations for Lamu area in relation to the proposed development of the project components in the area.

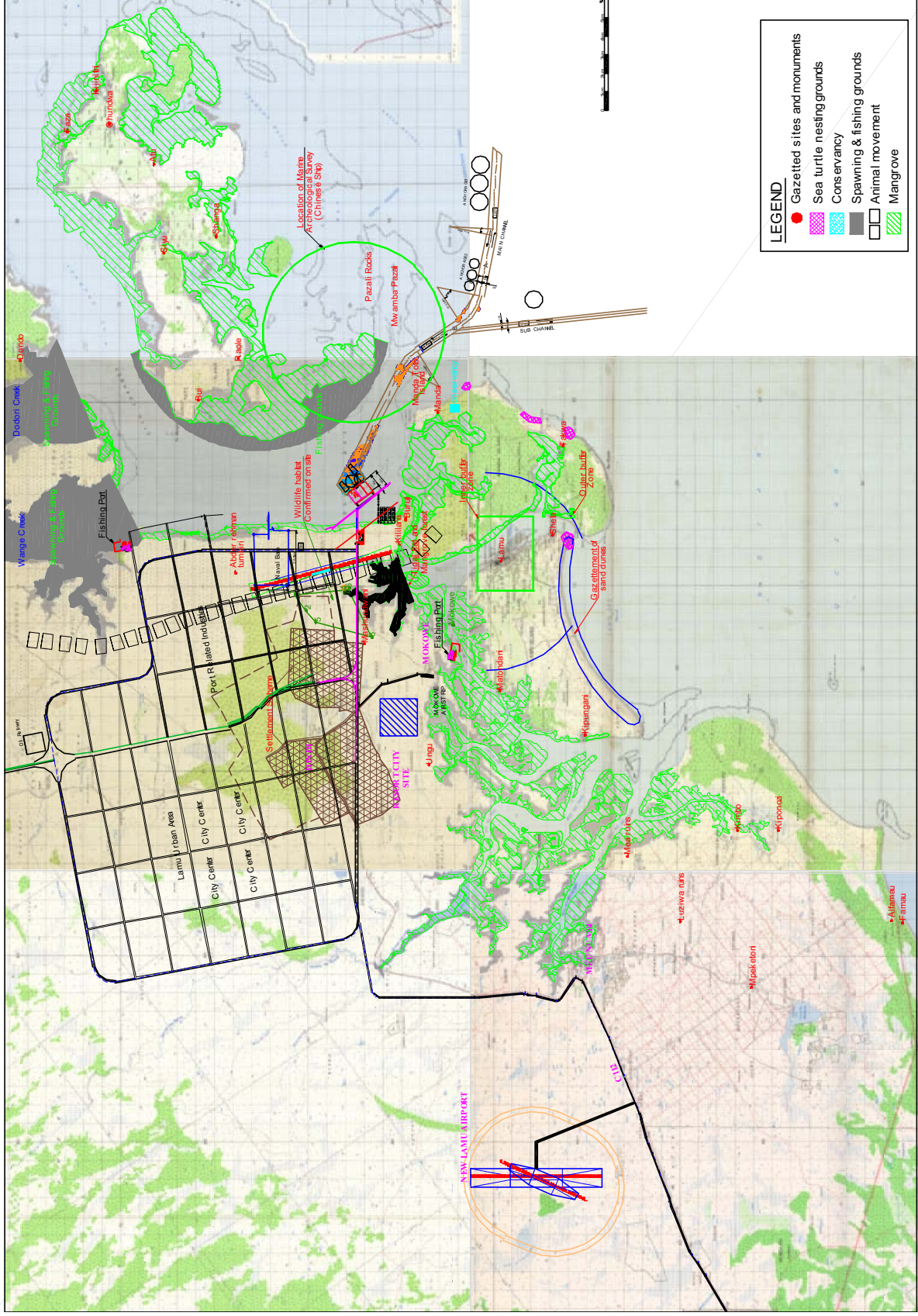


Figure 13.1-1: Environmental Considerations in Relation to Development of Lamu Metropolis  
Source: JPC