24/05/2019

**Minutes of discussion on 24/05/2019 (Friday)**

1. Spacial web-based decision support system (Subdomain of GIS)
   1. Helps in arriving at decision
   2. Multi-criteria classification
   3. Science behind multi-criteria classification : Analytical Hierarchy Process (AHP)
   4. Read paper based on identification of swamp deer in Jhilmil Jheel

**Nandy, S., Kushwaha, S.P.S. and Gaur, P. 2012. Identification of Swamp deer (*Cervus duvauceli duvauceli* Cuvier) potential habitat in Jhilmil Jheel Conservation Reserve, Uttarakhand, India using multi-criteria analysis.**

1. Challenges:
   1. Accessibility limit
   2. Saving of partial data
2. Questions:
   1. Why is SDSS required?
   2. What are selection criteria other than AHP?
   3. How does AHP work?

One example

--Simplistic

--Detailed

1. Scalability:
   1. Goal
   2. Criteria
   3. Sub-criteria
2. 2nd phase
   1. Filtering : Query can be optimized to arrive at decision
   2. Modelling + WebD + Database
   3. Software : GeoDjango
3. Development of generic model
   1. Example for one species : can be hardcoded
   2. Can we have a configuration scheme for reclassification of different classes?