

Project Update: August 2010

Analysis of the distribution of rare species is focused on an Environmentally Sensitive Area (ESA) within Gobustan National Park. The sensitive area within Gobustan Park was divided into four parts conditionally definable as: North, West, East and South.

The preliminary vegetation survey was undertaken by our team in August 2010. Because of scattered distribution of vegetation these fieldwork activities were done in different locations. Route planning is usually carried out to achieve a single objective such as to minimize transport cost, distance traveled or travel time. In order to find an optimal route we needed topography maps and maintenance facilities.

Printed map sheets with patch boundaries overlaid on the image, as well ancillary information such as determination of optimal diversion route to object of interest, were taken into the field. Every plot was registered with Global Positioning System (GPS) device to allow further integration with spatial data in GIS and image processing systems.

Field information about different vegetation types and other parameters such as grazing pressure, general topography of the area and cultivation were also recorded. Data from the field work will be entered into a database.

