| TRAINING COURSE INFORMATION | NORPLAN |
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**Spatial Analyses**

**Venue:** MRRD, RuWatSIP building, conference room
**Start:** Saturday 05 August, 8:00
**Length**: 1 day
**Number of Participants**: Maximum 15
**Language**: The training course will be conducted in National languages and in English language

**Subject**: Spatial Analyses (ArcGIS)

**Key organisers: RuWatSIP, NORPLAN**

**Reason for course:**

Geographical Information System (GIS) is becoming one of the most important systems in our country to be used for data representation, analysis and storage.

Spatial analyses and data management is an important term in using GIS. By this we can produce more representations of data from less sources. Learning and understanding of spatial data analyses is a plus for a GIS user.

**Participants**

This course is aimed at people who have experience of using ArcGIS software. RuWatSIP staff who are involved in using ArcGIS in their routine activities and who need to visualize, analyze, represent and use their technical data in ArcGIS can be participants of this training course. Participants from other organizations and offices need a similar level of knowledge in the field of data analyses and GIS.

**Method of Instruction**

- Presenting types of data and their usage and analyses in GIS
- Discussions (trainees, trainers)

- Practical activities: geoprocessing (buffer, clip, intersect, union, merge, dissolve, search), data conversion between raster and vector, distance grids, density grids, reclassify and combine grids and finally calculating grid areas
- Present and explain different methods for learning the topic
- Already prepared manuals for the practical study of the trainees
- Hand on examples by trainees
- Daily 10 question for the trainees related to the subject
- Evaluation of the study course every day

**Training Materials**
The course will provide lectures, handouts, and practical manuals for trainees

**Expenses**
NORPLAN covering expenses:
Participants from will be compensated for local travelling costs by on a fixed rate.

**Course certificates.**
Participants will receive a certificate for attendance of course.

Prepared by: Abdullah Barat, Local GIS Trainer