

## Hydrogeological Survey in Faryab - Afghanistan

<b>TRAINING COURSE SUMMARY SHEET</b>	<b>NORPLAN</b> 
--------------------------------------	--

HARDDISK:Users:sveinstoveland:Dropbox:Hydrogeology Afghanistan (1):Trainig\_capacitybuilding:Sumary sheet 2.2  
Hydrometeorological Data Collection LV.docx

<b>Course title:</b>		<i>Course no: 2.2</i>	
<b>Hydrogeology II</b>		<i>Date prepared: 20 June 2012</i>	
<b>Hydro-meteorological data collection: Precipitation, temperature, evapotranspiration, river flow, springs flow and karez flow</b>			
<b>Training purpose</b>	To enable hydro-geologists, technicians, water engineers to collect and use data that can support the decision making in the correct decision in water management		
<b>Target group</b>	Education level (degree/technicians etc): Various levels working with data sets	Experts/national planners/provincial/district National planners/provincial/district	
<b>Course details:</b>	Course language(s) English/Dari		
	Duration (days); 1 + 2 Practical's	No. participants/ course: Max 10	Theoretical /practical/training? Theory & Practice
	Planned course location(s) Kabul/ Mazar/ Maimaina	Responsible presenter	Handouts to be prepared by:
<b>Summary syllabus</b>	<p>Data collection of meteorological data can be from airports (Maimaina, Kabul, Heart and others) or getting information from other organizations like FAO or from the neighboring countries and use of the statistical methods to correlate them to data available in Afghanistan.</p> <p>Collecting data from the field, organize the data, recognize the various internet sites that have data sets available for Afghanistan on water in general, like FEWS network, CSO data, JMP, WHO and Afghan web sites and other easily available data sets. How to get the data in programs that are available and what analysis can be done and will give results that can be used in decision making in the context of Afghanistan.</p> <p>A worked example on data sets available from NRVA and how to get to model that can support planners and persons supporting planners to get the right data sets.</p> <p>Practicing with the data sets in Excel to get results that give workable results and to know the limitations of the data sets and the use thereof. Further work with the help of data sets and the use of GIS software and GPS data or data sets that contain references with GPS. The use of data sets that are only available for Districts, provinces or countrywide and how this data can be distributed with the support of CSO data, Mortality Data, NRVA data and MISC data sets. No the limitations of the data sets and the manipulation of the data.</p>		
<b>Training equipment required</b>	Equipment that must made available for course: Computers for the participants and have the relevant required software, minimal software will Quantum software, Excel and a few on other types of software that are freely available.		
<b>Training material</b>	<p>Existing material that can be used and from where: To be prepared for the special use in Afghanistan</p> <p>Material that needs to be developed or purchased and by whom: To be custom made depending on the software availability.</p>		
<b>Field/practical training.</b>	Preparations needed, responsible officer(s) Trainers to be identified		
<b>Prepared by</b>	Prepared by: L. Vijselaar		