

## Hydrogeological Survey in Faryab – Afghanistan

<b>FORM T-1: TRAINING COURSE SUMMARY SHEET</b>	V1	<b>NORPLAN</b> 
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<b>Course title:</b>		<b>Course no</b>	
<b>Practical Use of Online GIS Maps</b>		4.5	
		<b>Date prepared:</b>	
		02/12/2014	
<b>Training purpose</b>	To introduce hydrogeologists and GIS users in the practical application of online GIS maps.		
<b>Target group</b>	<p>Education level: (degree/ technical etc): Participants should have familiarity in using computers and operating systems at advanced level. Knowledge of MS Excel essential. Knowledge of ArcGIS and MS Access is a plus. <b>A prerequisite to this course is the completion of Course 4.4 - Introduction to online GIS Maps</b></p> <p>National / Provincial engineers working in the hydrogeological and GIS fields.</p>		
<b>Course details:</b>	Course language(s)	English and National languages	
	Duration(days): 2	No. participants/ course: 10	Theoretical /practical/training? Theoretical (10%) & practical (90%)
	Planned course location(s): Kabul	Responsible presenter: Professor Zarinkhail Mr Andreas de Jong	Hand-outs to be prepared by: Presenters
<b>Summary syllabus</b>	<p><b>Day 1: Introduction, data management &amp; mapping of point features</b></p> <ul style="list-style-type: none"> <li>- Review of Online GIS Mapping</li> <li>- Practical 1: ArcGIS Online – data management</li> <li>- Practical 2: ArcGIS Online – point features</li> </ul> <p><b>Day 2: Mapping of polygons &amp; polylines to produce a Hydrogeological Map of Faryab Province</b></p> <ul style="list-style-type: none"> <li>- Practical 3: ArcGIS Online – polygon &amp; polyline features</li> <li>- Workshop: Discussion on the practical implementation of online GIS maps in Afghanistan.</li> </ul>		
<b>Training equipment required</b>	<ul style="list-style-type: none"> <li>- Personal computers: one for each participant if possible, or sharing one between two. Participants to provide their own laptops if possible.</li> <li>- ArcGIS 10/10.1, MS Access, MS Excel, Firefox/Google Chrome/Internet Explorer</li> </ul>		
<b>Training material</b>	<p>Presentations to be prepared by trainers. Practical courses will use Afghan data. Fast access to the internet is essential &amp; the <b>course cannot be implemented if there is no internet.</b></p>		
<b>Field/ practical training</b>	Preparations needed, responsible officer(s):		
<b>Prepared by</b>	Prepared by: Zarinkhail, GIS-MIS Adviser & Andreas de Jong.		

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