Training and capacity building.

		2012-March 2013	2013									2014												2015						
#	Activity- GIS- MIS		A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
	Training needs assessment	2012																												
	Discussion training framework	2012-13																												
	Training courses																													
	HYDROGEOLOGY I																													
1.1	Groundwater investigations																													
1.2	Geophysical investigations																													
1.3	Well Drilling methods																													
1.4	Water Well Design																													
1.5	Well Hydraulics																													
1.6	Hydrochemistry, data interpretation																													
1.7	Planning & implem. Prov. Hydrogeo. mapping surv.																													
1.8	Geophysical borehole logging																													
1.9	Geophysical borehole logging interpretation of data																													
	HYDROGEOLOGY II																													
2.1	Interpretation og Hydrochemical water quality data																													
2.2	Preparing of thematic maps using software																													
2.3	2.3 GPS registration and Water quality testing in the field																													
2.4	Geophysical investigations and siting in the province																													
2.4	Well construction, test pumping and data collection																													
	TRAINING METHODS																													
3.1	Training of trainers methods																													
	GIS - MIS																													
4.1	4.1 Introduction to ArcGIS																													
4.2	4.2 ArcGIS Database																													
4.3	4.3 ArcGIS spatial analysis																													
4.4	RGIS Viewer Admin.																													
4.5	RGIS how to use																													
4.6	RGIS design and GIS general																													
4.7	Data Management																													
4.8	Data Capturing																													
4.9	Cartography																													
4.10	4.10 GIS for hydrogeologists																													
4.11	Data management 2 (Excel and ACCESS)																													
	WATER SUPPLY - SANITATION																													
5.1	Planning using water atlas																													
5.2	Conceptual design W-S																													
5.3	Planning & impl. O&M																													
5.4	Social Aspects of W&S																													
5.5	Water Supply network design																													
5.6	Training in use of total station.																													

5.7	5.7 Lab Quality control																												
	NATIONAL TECHNICAL CONFERENCES																												
	Hydrogeology in Afghanistan																												
	GIS and Hydrogeological maps and web atlas																												
	Preparing draft manuals																												
	Preparing training videos																												
	Outline framework for future training continuation of courses																												