

TRAINING MODULES	ENGAGEMENT ACTIVITIES
Introduction to groundwater	<p>Sand tank demonstration (20 min):</p> <ul style="list-style-type: none"> - Water table - Confined and unconfined aquifers - Groundwater movement demonstration using dyed water - Groundwater recharge - Groundwater contamination using dyed water - Water extraction impacts (cone of depression)
Water monitoring	<p>1. Water level or water quality monitoring exercise (10 minutes):</p> <ul style="list-style-type: none"> - Water level and quality monitoring demonstration using the plopper and hand held field water quality tester - 2-3 trainees will be asked to participate in the demonstration - Water quality testing will use water with different quality such as drinking water, salty, or tap water for demonstration - The measured water levels will be plotted in flip charts in the classroom and basic description of the charts will be discussed i.e. if the levels dropped, increased, or stayed the same. <p>The key message from this exercise will be the demonstration that water monitoring will be meaningful when there are adequate information. If the time is tight for the water level measuring, the trainers will provide monitoring level data prepared in advance for this exercise.</p> <p>2. Participatory water monitoring (PWM) classroom exercise (approx. 25 minutes)</p> <p>This exercise involves training participants to implement a mock PWM programme under a given scenario. Participants will be divided into different groups such as community, gov't, mining, and NGOs. Participants will be asked particular water issues in their soums and play PWM exercise to monitor the issue. At end of the exercise trainees will be able to address the following:</p> <ul style="list-style-type: none"> - What are the issue? Water quality or quantity? - Purpose of the monitoring - Identification of related stakeholder to be involved in the PWM - Agree on the monitoring locations depending on the issue - How to monitor (what equipment will be needed) - How often or how long the monitoring needs to be undertaken - Who does the monitors - Basic monitoring data analyses and conclusion (real monitoring data will be provided by trainers) - Reporting of the monitoring results <p>This exercise will try to use real life scenario if possible. If not, hypothetical scenario will be provided by trainers.</p>
Well maintenance	Well cleaning video (about 5 minutes):
Water use regulations	After the Community participation and EIA process explained by the trainers, training participants will be asked their experience in participating such activities. They will be asked what was the engagement process and their overall reaction to the process (Max 10 minutes)

<p>Mining lifecycle and mine</p>	<p>Interactive session (Max 5 minutes): Before showing the mine and mine water use slide, participants will be asked what they know about mining water use: What mine use water for? How much water is used etc? After receiving answers – the main slide will be presented.</p> <p>Mining company’s engagement with stakeholders will also be discussed by asking participants about their experience. The following prompts will be used for discussion:</p> <ul style="list-style-type: none"> - Purpose of the engagement? - Who initiated? - How it was done? - What were the results? <p>Discussion on Fictional case studies showing two different approaches by mining companies in Mongolia (Max 15 minutes)</p>
<p>Initiatives for achieving sustainable water management in south Gobi</p>	<p>After the end of the training participants will be invited to share their experiences and thoughts about water management in the past and things that can be done in the future.</p> <p>This session will be voluntary based, but if no one volunteers then trainers will pick individuals starting with those who actively participated.</p>