



Basma Shamas

Consultant – Earthtime

QUALIFICATIONS

B.Sc. Petroleum Studies / Geology

CURRENT POSITION

Environmental & Natural Resources Consultant
at Earthtime

FIELDS OF SPECIAL COMPETENCE

- Conducting environmental field studies and environmental sampling
- Geological and Hydrogeological surveys
- Geophysical surveying
- Geographic Information System

SUMMARY OF COMPETENCIES

Basma Shamas has professional experience in conducting environmental field surveys, environmental sampling and monitoring and collection of baseline data for ESIA's. She has worked in the environmental services field for around 3 years and has participated in-different ESIA's and EMP's, including mineral explorations, and HFO power plants.

Basma has also undertaken projects associated with groundwater and surface water management as part of master plans, environmental audits, identification of potential landfill sites, geophysical surveying, hydrogeological investigations, geological mapping, and borehole drilling and supervision.

Basma has a background in Geology and Hydrogeology, and has extensive experience using GIS for geological, and hydrogeological mapping for major aquifer development projects.

Basma is currently on a leading role for a long term environmental baseline monitoring program for a major ESIA in Liberia, covering surface water and groundwater resources, ambient air quality, and meteorology. She is also a team member of two additional long term monitoring and evaluation projects for a local brewery, and a mineral testing laboratory in Liberia.

RECENT RELEVANT PROJECT EXPERIENCE INCLUDES:

- Liberia – Team Member of an ESIA for a potential railway project.
- Liberia – Environmental soil sampling for Lay down site in Buchanan.
- Liberia – Environmental permitting for mineral exploration activities.
- Liberia – Technical lead on Environmental Sampling and Remediation activities
- Liberia – Team member on ESIA for 20 MW HFO Power Plant.
- Liberia – Team leader on two long term environmental monitoring programs for two different entities in Liberia.