

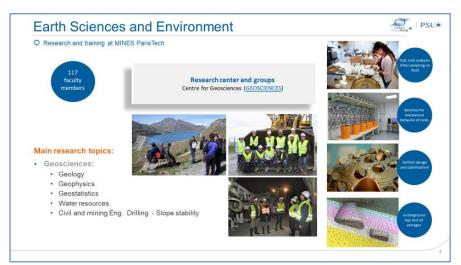
ParisTech



Under the aegis of ParisTech, I am pleased to announce the online scientific workshop on "Geosciences" on Wednesday 26th May 2021 between UMaT and Research Department of MINES-ParisTech.



UMAT – MAIN CAMPUS IN TARKWA



MAIN TOPICS IN GEOSCIENCES RESEARCH DEPARTMENT OF MINES PARISTECH

Participants are teachers and researchers from the University and from our School. PhD candidates present their work too and master students can attend the meeting.

Speakers from Ghana:

University of Mines and Technology (UMaT), Tarkwa. Ghana

https://www.umat.edu.gh/

Assoc Prof Mrs Patricia Beatrice Mireku-Gyimah, Dean, Office of International programmes

The Head of Dept Petroleum Geosciences and Engineering is Dr Mr Richard Amorin

The Head of Department of Geology/Geological Sciences, Assoc Prof Mr Anthony Ewusi

Lecturer and University Training Coordinator Dr George M. Tetteh

Technical Instructor (PhD candidate) Mr Emmanuel D. Sunkari

Lecturer (PhD candidate) Mr Jamel Seidu

PhD Candidate Mr Ebenezer Ansah & PhD candidate Mr Rabiatu Abubakar

Speakers from France:

Mines-ParisTech (Centre de Géosciences), Fontainebleau. France

https://www.geosciences.minesparis.psl.eu/en/home/

The Head of Geosciences and Engineering Dept is Prof Vincent Lagneau

Dr Isabelle Thenevin in charge of Public relations

The Head Post master degree mineral resources industry & society (MIRIS) Dr Jean-Alain Fleurisson

Post-Master trainees: Mrs Fanta Kaba Mr Constant Konan Mr Armand Koudou

The Head of Geomechanics Prof Hedi Sellami

Scientist of Geophysics team Prof Alexandrine Gesret

The Head of Geostatistics Dr Xavier Freulon

PhD Candidate Mrs Lucia Clarotto

Program starting at 8:00 AM in Ghana and 10:00 in France

• Opening Session

Prof Mr Vincent Lagneau (France) and Assoc Prof Mrs Patricia Beatrice Mireku-Gyimah (Ghana) (20 minutes)

• Training, vocational training in Paris or online, Mineral industry & territorial dynamics Chair

Dr Jean-Alain Fleurisson and trainees Mrs Fanta Kaba, Mr Constant Konan Mr Armand Koudou (20 minutes)

http://www.industrie-minerale-territoires.fr/index.en.htm

- Geophysical Techniques for Groundwater Exploration in Ghana, Assoc Prof **Anthony Ewusi** (10 minutes)
- Uncertainty quantification in seismic imaging, Prof Mrs Alexandrine Gesret (10 minutes)

Questions – discussions 9:00 AM in Ghana and 11:00 in France (15 minutes)

- Geology, Tectonic Setting and Mineralization Potentials of Ghana, Dr George M. Tetteh (10 minutes)
- Geomechanics Team and research projects, Dr Isabelle Thenevin (10 minutes)
- Hydrogeochemical Controls and Probabilistic Human Health Risk Assessment of Groundwater Fluoride in Northeastern Ghana, Mr **Emmanuel D. Sunkari** (10 minutes)
- Efficient geostatistical methods for large and heterogeneous datasets, Dr Xavier Freulon (10 minutes)
- Exploring the Impacts of Data Partitioning on Groundwater Level Prediction using Artificial Neural Networks, Mr Jamel Seidu (10 minutes)
- Integration of Geological, Geophysical and Reservoir Parameters for an enhanced decision Analysis on Sandstone Reservoir – A case study of the Jubilee Field (Deep Tano Basin) Ghana Mr Ebenezer Ansah (10 minutes)
- Spatio-temporal prediction by stochastic partial differential equations, Mrs Lucia Clarotto (10 minutes)
- Source Rock Evaluation of the Western Basin using Rock-eval Analysis Data and Statistical Methods, Mr Rabiatu Abubakar (10 minutes)

Questions – discussions 10:35 AM in Ghana and 12:35 in France (15 minutes)

• Closure of the session, Thanks,

Dr Florence Lelait, ParisTech (10 minutes)