

## **Personal information**

Name: **Daafi Youssef**

Degrees: Engineer, PhD student

Nationality: Moroccan

Date of birth: 30-03-1981

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## **Educational and Professional experience**

Since 05/2006: OCP S.A, Geologist Manager, Morocco.

Topics: - Geological explorations of phosphate mines  
- Preparation, planning and realization of geological exploration  
- Geologist expert

Geologist engineer, SAMINE – Managem, Morocco, 09/2005-04/2006.

Topics: - Geological monitoring, exploitation and exploration of offsite mines of fluorite.  
- Team leader of geological prospecting  
- Estimation and validation of resources and reserves of El Hammam mine

PhD. student in geochemistry, “Geochemistry of mesetian phosphate basins (Oulad Abdoun, Gantour and Meskala)”, Cadi Ayyad University, 2015 – current.

Special Programs and Continuing Education (SPACE): Phosphate Mining, Colorado School of Mines, 2014 – current.

Engineer geologist in Geology, National School of Mineral Industry in Rabat, Morocco, 2003-2005.

Master of specialized sciences in Metallogeny, Faculty of Science and Technology of Marrakech, Morocco, 2001-2003.

Diploma of Specialized Technician in applied geology, Marrakech Institute of Mines, Morocco, 1999-2001.

## **Research Publications and Conference proceedings**

**Youssef Daafi**, Essaid Jourani, Oussama Khadiri Yazami, Kamal Tiddarine, 2015. OCP Geological Information System. SYMPHOS 2015 – 3th International Symposium on Innovation and Technology in the Phosphate Industry.

M. Asri, **Y. Daafi**, 2015. Application of Cast Blasting in Moroccan Phosphate Mines, SYMPHOS 2015 – 3th International Symposium on Innovation and Technology in the Phosphate Industry.

**Y., Daafi**, E., Jourani, 2015. Modélisation géologique des gisements de phosphate à l’OCP. User meeting GDM, 27-28 Janvier 2015, BRGM Orléans, France.

**Y. Daafi**, A., Chakir, E., Jourani, S.M., Ouabba, 2014. Geology and Mine Planning of Phosphate Deposits: Benguerir Deposit Gantour Basin – Morocco, Procedia Engineering Volume 83, Pages 70–75. SYMPHOS 2013 - 2nd International Symposium on Innovation and Technology in the Phosphate Industry.

A., Noubhani, A., Toufiq, E.M., Ettachfini, A., Souhel, **Y., Daafi**, M., Novacek, M.A., O’leary, N.H. Landman, J.K., Cochran, 2014. The K/Pg boundary in Morocco including phosphate deposits: The state of the question and future perspectives. NAVEP2, September 1st – 08, Ouarzazate, Morocco.

A., Kchikach, M., Jaffal, N., El Assel, K., Chalikakis, R., Guerin, **Y., Daafi**, E., Jourani, 2013. Les Sondages de Résonance Magnétique des Protons Appliqués à la Caractérisation des Aquifères : Présentation d’une étude Expérimentale à Bouchane (Youssoufia, Maroc), Sixième Colloque Maghrébin de Géophysique Appliquée, Les 3, 4 Et 5 Mai 2013, Meknès, Maroc.

### **Professional Trainings**

- Organizing a SYMPHOS international workshop in Marrakech, Morocco, 2011, 2013 and 2015.
- Since 2014, Courses in Phosphate mining at Colorado School of Mines U.S.A.
- Certificate of Geological Data Management from BRGM, 2012.
- Certificate of Geostatistic from Mine Paristech, 2012.
- Organizing a workshop under the theme "geostatistics, technical and financial management of mining projects under uncertainty" Hôtel Kenzi Farah, le 3 novembre 2011, Morocco.

### **Supervision of research students**

- Supervision of many theses of Bachelor and Master students at OCP S.A, Morocco, since 2008 (around seven students per year).
- Assisting every years Master students mapping the phosphate deposits during field trip to Gantour and Oulad Abdoun Basins, Morocco.

### **Languages**

Arabic (native), French (fluent), English (fluent), Española (basic)

### **Skills**

**Operating System:** DOS, Microsoft Windows XP, Windows 7 and 8.

**Software:** Word, Excel, PowerPoint, Access, MapInfo, Surfer, GDM, ArcGis, Surfer, Isatis, MapInfo, Amissoftware, AutoCad, and Covadis.

### **Extracurricular activities**

#### **Associations**

Member of: Moroccan Association of Earth Science (AMST), Centre for Intelligence and Strategic Management (CIEMS), Institute of Electrical and Electronics Engineers (IEEE-section Morocco), Professorship CRDI at Sciences and technologies Faculty (Canada - Morocco), Society of Applied Geology (SGA), Geological Society of Africa (GSaf), Cretaceous French group (GFC) and Moroccan Centre for Research and Innovation Polytechnic (CMRPI), AIPG (American Institute of Professional Geologists), Moroccan Association of Geosciences (AMG).