

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name **SHADDAD SAMEH MOHAMMED**
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Nationality Egyptian
Date of birth 21, August, 1982

WORK EXPERIENCE

- Dates (from – to) MARCH 2015 – TO DATE
- Name and address of employer DEPARTMENT OF SOIL SCIENCE, FACULTY OF AGRICULTURE, ZAGAZIG UNIVERSITY, EGYPT.
- Type of business or sector SOIL SCIENCE
- Occupation or position held LECTURER
- Main activities and responsibilities CARRY OUT ONLINE FIELD SURVEY BY VIS_NIR MULTIPLE-SENSORS PLATFORM . PERFORM PROXIMAL SOIL SENSING DATA ELABORATION BY THE UNSCRAMBLER SOFTWARE (CAMO SOFTWARE AS). DELINEATION OF MANAGEMENT ZONES FOR PRECISION AGRICULTURE INPUTS BY GEOSTATISTICAL TECHNIQUES. ACHIEVE PREDICTION MAPS OF SOIL PROPERTIES. PERFORM LABORATORY SCANNING BY VIS-NIR SPECTROPHOTOMETER

- Dates (from – to) FEBRUARY 2010 - JANUARY 2011
- Name and address of employer Department of Soil Science, Faculty of Agriculture, Zagazig University, Egypt.
- Type of business or sector Soil Science
- Occupation or position held Assistant Lecturer
- Main activities and responsibilities Perform researches on soils. Participating in Quality assurance and accreditation programs at the university. Conduct seminars to the soil science department staff.
Conduct field experiment to evaluate the effect of soil amendments and conditioners on salt affected soils. Preparing the chemicals and reagents for students. Managing the department, soil physics lab. Managing the department soil chemistry lab.

- Dates (from – to) JANUARY 2009 - JANUARY 2010
- Name and address of employer Department of Soil Science, Faculty of Agriculture, Zagazig University, Egypt
- Type of business or sector Soil Science
- Occupation or position held Demonstrator - Lab. Instructor
- Main activities and responsibilities Conduct field experiment to evaluate the effect of soil amendments and conditioners on salt affected soils. Preparing the chemicals and reagents for students. Managing the department, soil physics lab. Managing the department soil chemistry lab.

- Dates (from – to) JULY 2007- DECEMBER 2008
- Name and address of employer NRD (Nucleo di Ricerca Sulla desertificazione), Sassari, Italy.
- Type of business or sector Territorial studies on desertification within SMAPIII (Short and Medium-term Priority Environmental Action Program) project between Egypt & Italy

- Occupation or position held Internship within the framework cooperation between Egypt and Italy of ICZM project
- Main activities and responsibilities Review and comment on the reports of land and water resources coming from Egyptian side
 - Dates (from – to) JANUARY 2004 - JUNE 2007
 - Name and address of employer Department of Soil Science, Faculty of Agriculture, Zagazig University, Egypt
 - Type of business or sector Soil Science
 - Occupation or position held Demonstrator - Lab. Instructor

EDUCATION AND TRAINING

- Dates (from – to) 2011 - 2013
- Name and type of organisation providing education and training Department of Agricultural Sciences, Sassari University, Italy.
- Principal subjects/occupational skills covered Thesis title "Proximal soil sensing and geostatistical tools in precision agriculture applications".
- Title of qualification awarded Ph.D.
- Level in national classification (if appropriate) Doctor of Philosophy (Doctor Europaeus)

- Dates (from – to) 2004 - 2010
- Name and type of organisation providing education and training Faculty of Agriculture, Zagazig University, Egypt.
- Principal subjects/occupational skills covered Thesis title "Application of some soil conditioners and amendments for maximizing the productivity of newly reclaimed salt affected soils".
- Title of qualification awarded M.Sc. in Agricultural Sciences
- Level in national classification (if appropriate) Master of Science

- Dates (from – to) 1999 - 2003
- Name and type of organisation providing education and training Faculty of Agriculture, Zagazig University, Egypt.
- Principal subjects/occupational skills covered Fundamentals of soil science, Physics and Meteorology, Geology and Hydrology, Soil mineralogy, Soil chemistry, Soil reclamation, Soil survey and classification, Technology of soil conservation and management, Remote sensing, Soil fertility, Geographic Information Systems
- Title of qualification awarded B.Sc. in Agricultural Sciences (Soils & Water) (Excellent with honor degree).
- Level in national classification (if appropriate) Bachelor's Degree

SCIENTIFIC PUBLICATIONS

Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.

- **Shaddad, S. M.**, E. A. Hassan, M. N. Khalil and A. E. Nasrallah (2009). EFFECT OF SOME SOIL AMENDMENTS ON SOIL PROPERTIES AND WHEAT CROP GROWN ON A SALT AFFECTED SOIL. ZAGAZIG JOURNAL OF AGRICULTURAL RESEARCH, vol. 36, p. 1019-1039, ISSN: 1110-0338.
- **Shaddad, S. M.**, B. Kuang., S. Madrau., and A. M. Mouazen, 2013. On-line measurement of soil extractable P and pH with visible and near infrared spectroscopy. 3rd Global Workshop on Proximal Soil Sensing. ISSN: 0947-7214. PP. 297 - 301. Potsdam, Germany.
- **Shaddad, S. M.**, S. Madrau., and A. M. Mouazen, 2014. Mapping of C/N ratio as an indicator of soil biological activity by on-line vis-NIR sensor in a field in UK. International Conference of Agricultural Engineering. Zurich, Switzerland.
- Zucca C., Sechi D., Andreucci S., **Shaddad S. M.**, Madrau S., Previtali F., Pascucci V., Kapur S., 2014. Pedogenic and palaeoclimatic evidence from a Eemian calcrite in North-western Sardinia (Italy). European Journal of Soil Science, 65, 420-435.
- Zucca C., Andreucci S., Akşit İ., Koca Y.K., Madrau S., Pascucci V., Previtali F., **Shaddad S. M.**, Kapur S., 2014. Buried palaeosols of NW Sardinia (Italy) as archives of the Late Quaternary climatic fluctuations. Catena, 122, 72-90.
- Zucca C., Sechi D., Andreucci S., **Shaddad S.M.**, Madrau S., Previtali F., Pascucci V., Kapur S., 2013. Pedogenic and palaeoclimatic evidence from a Late Quaternary (Eemian) calcrite in North-western Sardinia (Italy). Oral presentation at the International IUSS-Divisional Conference of all Commissions and Working Groups of Division I – Soils in Space and Time, Ulm (Germany), September 30th - October 5th 2013.
- Zucca C., Andreucci S., Akşit İ., Koca Y. K., **Shaddad S. M.**, Madrau S., Pascucci V., Previtali, F., Kapur S., 2012. Genesis and palaeoenvironmental implications of upper Pleistocene palaeosols on the NW Sardinian coast. Oral presentation at the 14th International Working Meeting on Soil Micromorphology. Lleida, Spain.
- Zucca Claudio, Andreucci Stefano, **Shaddad Sameh**, Madrau Salvatore, Pascucci Vincenzo, Kapur Selim, 2012. Paleoenvironmental implications through the study of an eemian paleosol in northwestern Sardinia (Italy). Poster presented at EUROSIL 2012 - 4th International Congress of the European Confederation of Soil Science Societies (ECSSS). Bari-ITALIA, 2-6 luglio 2012.
- **S. M. Shaddad**, S. Madrau, A. Castrignanò & A. M. Mouazen, 2016. Data fusion techniques for delineation of site-specific management zones in a field in UK. International Journal of Precision Agriculture. 17, 200-217.
- **S. M. Shaddad**, S. Madrau, A. M. Mouazen, 2016. On-line measurement of some soil properties with visible and near infrared spectroscopy. Oral presentation at 1st International conference on advances in soil science, Alex 2 – 5 June.

LANGUAGES SKILLS

- Reading skills
- Writing skills
- Verbal skills

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of
equipment, machinery, etc.

ARABIC	ENGLISH	ITALIAN
MOTHER TONGUE	Good	Very good
MOTHER TONGUE	Good	Very good
MOTHER TONGUE	Good	Very good

- CONDUCT PHYSICAL AND CHEMICAL ANALYSIS OF SOILS AND WATER .
- DEVELOP COMPUTER SOFTWARE FOR CALCULATION OF SOIL PROPERTIES.
- IN DEPTH EXPERIENCE WITH ANALYTICAL INSTRUMENTS SUCH AS ATOMIC ABSORPTION SPECTROPHOTOMETER, TDR, SPECTROPHOTOMETER , CHN ANALYZER, HPLC, PH METER, EC METER ...ETC.
- CARRY OUT ONLINE FIELD SURVEY BY VIS_NIR MULTIPLE-SENSORS PLATFORM.
- PERFORM LABORATORY SCANNING BY VIS-NIR SPECTROPHOTOMETER
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