

---

**Personal Information**

---

Mosbeh Rashed Mosbeh Kaloop (Mosbeh R.Kaloop)

Civil Eng. Dept. - Faculty of Engineering – Mansoura University – Egypt

Mansoura, 35516

H.Telph. +20-502368896 (S.Korea contact Telph. +821025518279)

E-mail: [mosbeh.kaloop@gmail.com](mailto:mosbeh.kaloop@gmail.com); Website: <https://sites.google.com/site/mosbehrkaloop/>

---

**General Information**

---

Dr. Kaloop is an Assistant Professor with the Faculty of Engineering, Mansoura University, since 2010. His principal research interests are in sensor fusion and signal processing for structures health monitoring and geodetic positioning, surveying engineering and structural deformation monitoring and analysis. From 2010 he teaches the courses “Surveying Engineering applications and Theory of Error Analysis” and “Construction Equipment and Methods” of undergraduate and “Computer Applications” of postgraduate students. He also teaches training courses “Steel Structure Design, Inspection, Maintenance & Durability” and “blast resistance building” at Haward Technology Middle East from 2011. In addition, within first semester of 2014 he will teach the course “Steel Structures Design” of undergraduate student at Incheon National University, S.Korea. In the past and more recently he has been an invited speaker at conferences and tutorials. Dr. Kaloop has currently researcher Prof. at vibration laboratory, environmental and civil engineering department, Incheon National University, S.Korea. Dr. Kaloop obtained his PhD from Harbin Institute of Technology, 2010, under the title “Structural Health Monitoring through Dynamic and Geometric Characteristics of Bridges Extracted from GPS Measurements”. During his undergraduate studies he received awards from the Mansoura University, Egypt. Also, he received awards of publication from Mansoura University in 2012. In 2013 his paper is awarded as a best paper in 5th Asia and Pacific Young Researchers and Graduates Symposium. From Nov. 2012 to Oct. 2013, he granted from NRF “national research foundation of Korea” to study postdoctoral in structural system laboratory, Kunsan National Un., S.Korae. From Oct.2013 to Mar.2014, he granted from China-Africa Science and Technology Partnership Program to training in School of Transportation Science and Technology, Harbin Institute of Technology, China. From Marc.2014 to Feb.2015, he granted from Incheon National University to study postdoctoral in Vibration Laboratory, College of Engineering, S.Korea. Since 2010 Dr. Kaloop has editor of International Journal of Information Processing and Management. Dr. Kaloop is an author of more than 30 scientific articles published in international journals and conferences and serves as a reviewer in more than 8 scientific journals and evaluator for ERAfrica funded researcher. He participated in two funded quality education programs. He also supervised 10 diploma theses, two Master theses.

---

**Employment history**

---

- Post-Doctor fellowship; Incheon national university - South Korea, 3/2014 - Now. (research prof. and prepare a cooperation funded projects; cooperation with disaster korea center to evaluation buildings monitoring system )
  - Training fellowship; Harbin Institute of Technology - China, 10/2013 – 3/2014. (analyze and evaluation structural health monitoring system and bridge health state for the Fu-Sui bridge)
  - Post-Doctor fellowship; Kunsan National University - South Korea, 11/2012-10/2013. (research prof. and evaluation structural health monitoring of Busan portal crane)
  - Manager of GIS unit, Faculty of Engineering - Mansoura University – Egypt, 01/2012 - 11/2012.
-

(Development the GIS map faculty of engineering and cooperation with industry members around Mansoura university)

- Coordinator of Quality Project for Public Works Engineering Department, Faculty of Engineering - Mansoura University – Egypt, 09/2011 - 11/2012. (Education quality adaptation for the public works department courses and evaluation based on industry required).
- Survey Engineering Laboratory Supervision, Faculty of Engineering - Mansoura University – Egypt, 09/2011 - 09/2012. (supervisory and control laboratory and survey engineering consultant)
- Lecturer, PhD, Faculty of Engineering - Mansoura University – Egypt, 11/2010 - now. (instructor for undergraduate and postgraduate at public works department)
- Survey and Design Structure Engineer, Consultant Office - Mansoura – Egypt, 2002 - now. (part time consultant for the structures and survey projects in Egypt, Saudi Arabian and Qatar)
- PhD student, School of Civil Engineering - Harbin Institute of Technology - Harbin – China, 9/2007 - 7/2010.
- Assistant lecturer, Faculty of Engineering- Mansoura University – Egypt, 4/2006 - 11/2010. (instructor for undergraduate at public works department)
- Assistant Teaching, Faculty of Engineering - Mansoura University – Egypt, 1/2003 - 4/2006. ( instructor for undergraduate at public works department)

#### Education

- Doctoral: Harbin Institute of Technology, China, PhD of Science in civil Engineering, 07/2010
- Master: Mansoura University, Egypt - Master of Science in Public works Engineering, 02/2006
- Bachelor: Faculty of Engineering, Mansoura University, Egypt - B.S., Civil Engineering, 06/2002, with a general grade of appreciation Excellent with the Honor's degree (Fourth). The grade of project (Survey project) is Excellent.

#### Professional development

- Dr.Kaloop is attended 12 training development courses: Effective communication skills, Methods of Scientific Research, Thinking Skills, Ethics of Scientific Research, Standards of quality in the teaching process, Credit System, Behaviors Profession, Scientific Publishing, Financial and legal aspects in the business college, Organizing scientific conferences, Research projects competitive local and global and Application of academic standards for educational program at Mansoura university development center in between 2006 to 2012.
- Dr.Kaloop is one of team Mansoura university leader of the International project accreditation and evaluation of engineering graduates on the international level (AHELO) at Faculty of engineering in 2012. 6 countries (Egypt-Australia- Japan- Canada- Sweden and Ecuador) students are examined online and the team members are supervised this exam.
- Dr.Kaloop is member of the project for adoption road and airport Laboratory from 2013-2014.
- Dr. Kaloop has Skills in: Engineering Software: • Matlab • Surfer • Statistical Software Packages • CAD programs (AUTOCAD Drawing) • Finite Element Programs: SAP programs • Google Earth • GIS Software:(ArcMap) ; Survey instruments: (Theodolite - Total Station - GPS)

#### Key strengths

The Engineering Syndicate of Egypt, Member