



Mahmoud Gaballah

Applied Physics; Near Surface Geophysics, Wave Equation



CONTACT INFO

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LANGUAGE

- Arabic
- English
- Japanese

EXPERTISE

- Electric Resistivity Tomography
- GPR
- Near Surface Geophysics
- Wave Equation

EXECUTIVE SUMMARY

- I have received my B.Sc. and M.Sc. degrees in geophysics from Mansoura University and Ain Shams University, in 2000 and 2005, respectively. Received the Ph.D. degree from Tohoku University, Japan, in 2009. Current research interests include integration of efficient and very high resolution Ground Penetrating Radar (GPR) and electric resistivity tomography (ERT) methods for noninvasive 3-D and 4-D imaging of near surface geophysics in engineering and hydrological applications.

WORK EXPERIENCE

1. 2013 to date Assistant Professor, Department of Physics, College of Science, Al-Zulfi, Majmaah University, Saudi Arabia.
2. 2010 -2011, Postdoc fellow researcher at Institute of Hydrology, Engineering Geology, and Applied Geophysics; Charles University in Prague, Czech Republic.
3. 2009 – 2010, Doctor Researcher at Geo-electric and Geomagnetic department, National Research Institute of Astronomy and Geophysics (NRIAG), Egypt.
4. 2006-2009, PhD student, Graduate School of Engineering, Tohoku University, Japan.
5. 2005-2006 Lecturer at Geo-electric and Geomagnetic department, NRIAG, Egypt.
6. 2001-2005: Demonstrator at Geo-electric and Geomagnetic department, NRIAG, Egypt

ACADEMIC BACKGROUND

- B. Sc. Degree (Geophysics) Grade “Very good”, Faculty of Science, Mansoura University, Egypt.
- Pre-Courses for M. Sc Faculty of Science, Ain-Shams University, Egypt
- M. Sc. Degree (Near Surface Geophysics) Faculty of Science, Ain-Shams University, Egypt.
- Ph.D. Engineering Geophysics Graduate School of Engineering, Tohoku University, Japan.
- Postdoc fellow researcher at Institute of Hydrology, Engineering Geology, and Applied Geophysics; Charles University in Prague, Czech Republic.

MORE ABOUT ME

- Google Scholar:
https://scholar.google.com/citations?hl=en&user=p0Uk_uoAAAAJ&view_op=list_works&sortby=pubdate
- Research Gate:
<https://www.researchgate.net/profile/Mahmoud-Gaballah-4>
- Web of Science Profile:
<https://www.webofscience.com/wos/author/record/GQH-3384-2022>