



College of Engineering



Talal Etri
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Education:

Ph.D in Coastal Geosciences and Engineering-
Christian-Albrechts-Universität zu Kiel - 2007

M.Sc in Computational Engineering - Ruhr-
Universität Bochum - 2002

B.Sc in Civil Engineering - University of Tripoli -
1995

Honors & Awards:

1. Engineering College Honor, Sultan Qaboos University, 2023

PROFILE

My main research interest is the numerical models for simulating hydrodynamics, sediment dynamics, morphodynamics and coastal changes in the coastal areas including short, medium- and long-term numerical modelling of morphodynamics. In addition, I am involved in several ongoing national and international under and postgraduate programs at several universities in Libya and Germany. Since 2003, I am providing lectures on several topics related to hydrodynamics, coastal engineering, water resources and environmental engineering (Fluid Mechanics, Hydrology, Environmental Engineering, Hydraulics, Hydraulic structures).

WORK EXPERIENCE

- 2019 – to date – Assistant Professor, Department of Civil and Architectural Engineering, Sultan Qaboos University, Oman.
- 2013 – 2019 – Assistant Professor, Department of Civil Engineering, University of Gharyan, Libya.
- 2007 – 2013 – Assistant Professor, Department of Civil Engineering, Christian-Albrechts-Universität zu Kiel, Germany.
- 2003 – 2007 – Ph.D. Candidate, Department of Civil Engineering, Christian-Albrechts-Universität zu Kiel, Germany.

RESEARCH INTERESTS

- Coastal Engineering
- Water resources
- Environmental engineering
- Numerical Modelling

2. Quality Assurance Office Honor, Sultan Qaboos University, 2023
3. Quality Assurance Office Honor, Sultan Qaboos University, 2024

Professional Credentials, Certifications, or Licensing

N.A.

Professional Development Activities

1. Workshop on Science, Technology & Innovation Indicators, organized by The Libyan Science, Technology & Innovation Indicators Observatory (LSTIO), Sabratha, Libya (2019)
2. NASA Applied Remote Sensing (ARSET. Training – Remote Sensing of Coastal Ecosystems, organized by NASA, USA (online. (2020)
3. SciVal for SQU, organized by Sultan Qaboos University, Oman (online. (2020)
4. Using OneNote for E-learning, organized by Kuwait University – E-learning in GCC Higher Education Institutions (online. (2020)

Selected Journal Publications

1. R. Mayerle, Rangaswami Narayanan. T. Etri and Ahmad Khairi Abd Wahab. A case study of sediment transport in the Paranagua Estuary Complex in Brazil. 2015, Ocean Engineering, Vol. 106, 161-174 (Q1, IF: 3.795).
2. Talal Etri, Almabruk A. Sanoussi, Kahled Rashed and Entesar Gouhl. Hydrological study to analyze the water budget of the Wade Gahn dam. 2018, Journal of Pure & Applied Sciences, Vol. 17, No.2, 67-72.
3. Hanan Al-Khatiri, Talal Etri, Mohamed B. Gadi. User response to indoor thermal environment in female high school buildings in Oman. 2022, Building Research & Information, Vol. 50, Issue 1-2, 192-212 (Q1, IF: 5.322).
4. Talal Etri, Ahmed F. Abugdera and Abdelrahman Elata. A Tidal flow model of the Western coast of Libya. 2022, Journal of Engineering Research (TJER), Vol. 19, Issue 1, 55-62 (Q4, IF: 0.38).
5. Mehdi Vahidi, Moharram Pirooz, Mohammad Nikoo, Iman Varjavand, Shahab Amanant, Talal Etri, and Mostafa Gandomi. Optimization of double-layer perforated breakwater based on risk assessment of uncertainties. 2022, Ocean Engineering, Vol. 265, Issue 1 (Q1, IF: 4.729)

Selected Conference Participations

1. Ibrahim Dovan, Talal Etri and Abdalhadee Gohl. Studying some of drinking water properties produced by water treatment units in Gyhrian city. First International Libyan Water Conference, April 24th – 26th 2018, Tripoli-Libya.
2. Talal Etri, Ibrahim Dovan, Mohamed Altaher and Mohamed Rajab. Study of properties of light concrete produced using polystyrene. Proceedings of the 7th National conference for building materials and structural engineering, November 5th – 6th November 2018, Albhayda, Libya, 215-223.
3. Ibrahim Dovan , Talal Etri, Abdaleem Alfahid, Salm Almshout and Nedat Ballah. Comparative study of some kinds of steel in the local market of Libya. Proceedings of the 7th National conference for building materials and structural engineering, November 5th – 6th 2018, Albhayda, Libya, 202-214.
4. Talal Etri, Ibrahim Dovan, Aiada Abogahela and Rabee Algahwe. Numerical Modelling of pumping stations for Yefran City-Libya. Proceedings of the International Conference on Technology, March 4th – 6th 2019, Tripoli, Libya, 215-223.

5. Shadmani A., Nikoo M. R., Etri T., and Gandomi A. H., Assessment of Wave Energy Converters using SWAN Model in Coast of Oman Considering its role in Air Pollution Reduction. Proceedings of International Conference on Air pollution and climate change. January 2023, Muscat, Oman.

Short Courses, Public Lectures, Seminars

1. Short course on Basic Design of Water Supply Systems, Royal Court Affairs, 12/12/2023
2. Short course on Fundamentals of Coastal Processes, Royal Court Affairs, 19/12/2023