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EDUCATION

Ph.D. Civil Engineering, Tohoku University, Japan, 1997

M.Eng. Hydraulic and Coastal Engineering, Asian Institute of Technology, Thailand, 1992

B.Sc. Civil Engineering, Univ. of Engineering and Technology, Lahore, Pakistan, 1988

ACADEMIC EXPERIENCE

Department of Civil and Architectural Engineering, Sultan Qaboos University, Associate Professor, 2010-2018, Full time

Department of Civil and Architectural Engineering, Sultan Qaboos University, Assistant Professor, 2002-2010, Full time

Department of Civil and Architectural Engineering, Sultan Qaboos University, Lecturer, 2001-2002, Full time

School of Civil and Environmental Engineering, Nanyang Technological University, Singapore, Research Fellow, 2000-2001, Full time

University of Northern British Columbia, Canada, Sessional Lecturer, 1999- 2000, Part time

Tohoku University, Sendai, Japan, Research Associate, 1994-1997 and 1998-1999, Full time

Asian Institute of Technology, Bangkok, Research Associate, 1993-1994, Full time

University of Engineering & Technology, Lahore, Pakistan, Lecturer, 1988-1993, Full time

NON-ACADEMIC EXPERIENCE

Multi-dimensional Consultants, Lahore, Pakistan, Design Engineer, 1989-1990, Part-time.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member, American Society of Civil Engineers (ASCE)
- Member, International Association of Hydraulic Engineering and Research (IAHR)
- Life Member, Pakistan Engineering Council

HONORS AND AWARDS

- Visiting Research fellowship for three weeks by Tohoku University, Japan, 2017
- Visiting Research fellowship for one month by Tohoku University, Japan, 2015
- Visiting Research fellowship for one month by Tohoku University, Japan, 2010
- Postdoctoral fellowship for two months by Japan Society for the Promotion of Science (JSPS), 2007
- Postdoctoral fellowship for three months by Japan Society for the Promotion of Science (JSPS), 2003
- Merit Scholarship at Asian Institute of Technology, Bangkok by the Government of Denmark
- Young Engineer award by The Association of Researchers in Tohoku Region, Japan

SERVICE ACTIVITIES (Within and outside of the institution)

Institutional Service

University: Marine Research Vessel *ad hoc* Committee, Water Research Center *ad hoc* Committee, Marine Engineering Program *ad hoc* Committee, Program Coordinator, Surface Water (Water Research Center). College: Accreditation Committee, Associate Editor, The Journal of Engineering Research, Department: Accreditation Committee, Department Board, Undergraduate Advisor.

Professional Service

Reviewed papers for Ocean Engineering (Elsevier), Journal of Hydraulic Engineering (ASCE) and The Journal of Engineering Research (SQU). Instructor for a short course on “Flood Management”, April 2008.

PRINCIPLE PUBLICATIONS WITHIN LAST FIVE YEARS (selected)

- **Sana, A.**, 2017. Teaching Fundamental Concepts of Coastal Engineering Using Excel Spreadsheet, Computer Applications in Engineering Education, Wiley Inc., 25(2): 304-310.
- Kwarteng, A.Y., Al-Hatrushi, S.M., Illenberger, W.K., McLachlan A., **Sana, A.**, Al-Buloushi, A. S., Hamed, K. H. (2016), Beach erosion along Al Batinah coast, Sultanate of Oman, Arabian J Geosciences, 9: 85. doi:10.1007/s12517-015-2186-8
- Chitrakar, P. and **Sana, A.** (2015), Groundwater Flow and Solute Transport Simulation in Eastern Al Batinah Coastal Plain, Oman: Case Study, Journal of Hydrologic Engineering, ASCE, DOI: 10.1061/(ASCE)HE.1943-5584.0001284
- **Sana, A.**, Baawain, M.S., Al-Sabti, A. (2013), “Feasibility Study of Using Treated Wastewater to Mitigate Seawater Intrusion along Northern Coast of Oman”, International Journal of Water Resources and Arid Environments 3(2): 56-63, ISSN 2079-7079.
- **Sana, A.** and Tanaka, H. (2010), “Two-Equation turbulence modeling of an oscillatory boundary layer under steep pressure gradient”, Canadian Journal of Civil Engineering, Vol.37, No.4, 648-656.

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

Sort Course on MOHID Water Modeling System, Sultan Qaboos University, Nov. 2015.

Workshop on Introduction to CDIO, Sultan Qaboos University, May, 2016.

Workshop on Numerical Optimization Software”, Sultan Qaboos University, January, 2017.

Workshop on Creating Significant Learning Experiences, Sultan Qaboos University, February, 2017.

Workshop on GIS and Satellite Image Analysis, Sultan Qaboos University, February, 2017.

Workshop on Alternative Instructional Strategies, Sultan Qaboos University, May, 2017.

Workshop on Critical Thinking Skills for the 21st Century, Sultan Qaboos University, May, 2017.