

DANG

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BELGIUM

Keywords: Hydraulic steel structure, corrosion, fatigue, structural reliability

MISSION

Project 17

Renforcement des compétences du Centre Régional de Formation et de Recherche en Ingénierie Hydraulique et Navigation Fluviale

Project 2.18

Renforcement des compétences du Centre Régional de Formation et de Recherche en Ingénierie Hydraulique et Navigation Fluviale, lutte contre les inondations

EDUCATIONAL BACKGROUND

Ph.D. Candidate

Université de Liège

July 2016 - Current

Participant of Project 17, Project 2.18.

Dissertation title: “*Fatigue assessment of Hydraulic steel structures*”

M.Sc. in Hydraulic Construction

University of Thuyloi, Vietnam

Oct 2010 - Nov 2012

Bachelor of Engineering in Hydraulic Construction

University of Thuyloi, Vietnam

Sep 2005 - Feb 2010

PUBLICATIONS

Journals

- Thuong Van DANG, Pablo G. MORATO, Quang Anh MAI, Philippe RIGO (2019), “*Optimal inspection and repair scheduling for mitre lock gates*”, Proceedings of the Institution of Civil Engineers - Maritime Engineering, <https://doi.org/10.1680/jmaen.2019.10>

Conferences

- Thuong Van DANG, Quang Anh MAI, Pablo G. MORATO, Philippe RIGO (2018) “Updating the failure probability of miter gates based on observation of water levels” XIX International Colloquium on Mechanical Fatigue of Metals, Porto, Portugal, <http://hdl.handle.net/2268/226412>
- Thuong Van DANG, Pablo G. MORATO, Quang Anh MAI, Philippe RIGO (2019), “*Risk based inspection and maintenance planning of miter gates*”, PIANC conference, Smart Rivers’2019, Lyon, France, <http://hdl.handle.net/2268/237495>
- Thuong Van DANG, Quang Anh MAI, Pablo G. MORATO, Philippe RIGO (2019), “*Updating the reliability of aging miter gates in the presence of corrosion and fatigue*” The International Conference on Sustainable Civil Engineering and Architecture (ICSCEA), Ho Chi Minh city, Vietnam, <http://hdl.handle.net/2268/245654>

WORK EXPERIENCE

- 06/2010 – 11/2012: Staff at Division of Education and Student Management, Water Resources University - Southern Campus.
- 12/2012 – 06/2016: Lecturer at ThuyLoi University - Southern Campus. Partially working at Division of Education and Student Management.
- 07/2016 - until now: PhD Student at Liege University

SKILLS

Languages

Vietnamese (Native), English (Good)

Computer skills

Programming: Pascal, Python

Applications: Microsoft Office, and other common productivity packages for Windows

Operating Systems: Microsoft Windows 8/10

Software Applications: AutoCad, GeoStudio, SAP 2000, ANSYS, MATLAB

AWARDS AND HONORS

Certificate of Merit for outstanding achievements in Masters Course of Hydraulic Construction, 2012.