

<参考2>

De Paepe-Willems Awards (DPWA) 過去の受賞論文一覧

- ・2017年以降の1位～3位論文（*2014～2016年は1位論文のみ記載）。
- ・受賞者の所属機関は受賞当時。

DPWA Winners 2026 ※Hull AGA 2026 (13th May 2026) で発表予定**DPWA Winners 2025**

1st Place Alberto V. Fernandez, IHCantabria, Spain

Risk-based Assessment of Climate Change Adaptation Strategies for the European Port System

2nd Place Axel Hörteborn, RISE (Research Institute of Sweden), Sweden

Probability for Ship-Bridge Allisions in the USA

3rd Place Jonathan Woodhams, HR Wallingford, UK

Optimising the Use of Numerical Wave Models and Fully Dynamic Shallow Water Ship Mooring Models to Solve Complex Operational Issues

DPWA Winners 2024

1st Place Emma Berendsen, VAN OORD, The Netherlands

Structural capacities of ship's parallel hull subject to fender-induced berthing impact loads

2nd Place Teppei Baba, Penta-Ocean Construction Co., Ltd, Japan

Development of weight compaction-type underwater rubble-leveling robot SEADOM-7

3rd Place Shaw Brian, Moffatt & Nichol

Conventional analysis of tandem sheet pile structures

DPWA Winners 2023

Shared 1st Place Jurjen De Jong, During the research: Deltares, The Netherlands

Quantifying the Risks of Climate Change on Inland Water Transport in the Netherlands'

Shared 1st Place Marvin Kastner, Hamburg University of Technology (TUHH), Germany

Synthetically Generating Traffic Scenarios for Simulation-Based Container Terminal Planning

2nd Place Julia Sorgatz, During the research: Deltares, the Netherlands

Damage Progression Model for Damage Accumulation in Riprap Revetments at Artificial Inland Waterways

DPWA Winners 2022

1st Place Libby Freeman, University of New South Wales Water Research Laboratory
Dynamic Motions of Piled Floating Pontoons and Their Impact on Postural Stability

2nd Place Masaya Hashida, Fudo Tetra Corporation, Japan
Maintenance Technology of Wave Dissipating Works Using 3-D Data

3rd Place Lena Lankanau, City University of Applied Sciences Bremen, Germany
Seaports in Germany – Vulnerability and Adaption to Climate Change

DPWA Winners 2021

1st Place Sanaz Hadadpoul, Leichtweiß-Institute for Hydraulic Eng. & Water Resources, Germany
Numerical Modelling & New Prediction Formulae for Wave and Wave-Current Attenuation by Vegetation as a Natural Shore Protection

2nd Place Felix Orlin
A Reliability-Based Design Approach for Fender System

3rd Place Willem Van Dommelen, WSP, the Netherlands
Moving Load on Guide Works during a Brush Collision with a Vessel

DPWA Winners 2020

1st Place Benjamin Popovich, National Institute of Water & Atmospheric Research, New Zealand
Tsunami Resilience of Pile Supported Wharves: A First Principles Approach

2nd Place Agustin Sanchez-Arcilla Rosanas, Catalonia University of Technology, Spain.
Towards Operational Coastal/Harbour Decision Making. Hydro-Morphodynamic Coupling and Data Based Error Assessment

3rd Place Willem Van Dommelen, WSP, the Netherlands
Moving Load on Guide Works during a Brush Collision with a Vessel

DPWA Winners 2019

1st Place Saber M. Elsayed, Leichtweiß-Institute for Hydraulic Eng. & Water Resources, Germany
New Integral Modelling and Analysis Approach for Storm Surge-Induced Barrier Breaching, Coastal Inundation and Subsequent Vertical Saltwater Intrusion

Shared 2nd Place Yoshinosuke Kurahara, TOA Corporation, Japan

Prediction of Shackle Motion Hanged from a Jib Top of Crane Barge by a Coupling Numerical Model of Three Motions

Shared 2nd Place Javier Murgoitio Esandi, AECOM, UK

Assessment of Overtopping Vertical River Walls Due to Vessel-Generated Waves (Vessel Wash)

DPWA Winners 2018

1st Place Kenichi Mizuno, Penta-Ocean Construction Co., Ltd, Japan

System of Inspection and Diagnosis for Port Structures Using Unmanned Boat

2nd Place J.J. (Jordy) Schutte, Port of Rotterdam Authority, The Netherlands

Deepening of an Existing Combi Wall

3rd Place Shane Freeman, Mott MacDonald, Australia

Impacts of X-ray Screening 100 % of Import Containers within Small to Medium Container Terminals

DPWA Winners 2017

1st Place Boudewijn Decrop, IMDC, Belgium

Towards a Better Prediction of Dredging Plumes: Numerical and Physical Modelling of the Near-Field Dispersion

2nd Place Jeong Hun Ha, Curtin University, Australia

Bow and Stern Sinkage Coefficients for Cargo Ships in Shallow Open Water

3rd Place Lisham Bonakdar, Technische Universität Braunschweig, Germany

Wave Forces on Slender Piles within Pile Groups: Laboratory Tests and Prediction Formulae for Design Practice

DPWA Winners 2016

1st Place Matthew McCarty, Whitman, Requardt & Associates (WRA), USA

Large diameter FRP monopile systems for ferry berths

DPWA Winners 2015

1st Place Sebastián Solari, IMFIA, Facultad de Ingeniería, Universidad de la República, Uruguay

Risk-based verification and optimization of harbour approach channel depth

DPWA Winners 2014

1st Place M. Rustell, HR Wallingford/University of Surrey, UK

Optimising a Breakwater Layout Using an Iterative Algorithm