

CV ARTHUR DE GRAAUW

Arthur de Graauw is a French/Dutch coastal engineer employed by a French Consulting firm, SOGREAH (now [ARTELIA](#)) until the end of 2015.

His main achievements are the reconstruction of Sogreah's Hydraulics Lab (1987), the initial project for offshore extension of Beirut Central District (1991), the extension of Port Revel (2009) and the Catalogue of ancient ports (2011-2019).

He graduated from Delft University of Technology in 1976 in civil engineering of coastal structures and areas. He was employed by Delft Hydraulics Laboratory (now [DELTAES](#)) from 1976 to 1983 before joining SOGREAH. He used many hydraulic scale models and mathematical models in his work. He worked on numerous projects related to coastal erosion, industrial ports and marinas in the Mediterranean area including Lebanon, Gaza, Egypt, Libya, Tunisia and France.

From 2002 to 2015, he managed the [Port Revel](#) ship handling training centre using manned models where maritime pilots from all over the world come for training. This led him to work with the Panama Canal extension.

He has been active in ancient ports since 1998 and created a new catalogue of ancient ports encompassing over 4500 places. He is the owner of www.AncientPortsAntiques.com focusing on many technical aspects of ancient ports.

PUBLICATIONS ARTHUR DE GRAAUW

"The port of Leptis Magna reconsidered", Portus Limen Project workshop, Rome, 2018.

"From Amphora to TEU: Journey of a container – An engineer's perspective", Portus Limen Project workshop, Rome, 2017.

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"Scaled Manned Models", in IMPA on Pilotage, Witherby Seamanship Intl., 2014.

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"Safe operation and pilot training when using marine azimuth control devices", AZIPILOT project, 2012.

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"La formation à la manœuvre des navires à Port Revel", La Revue Maritime, N° 470, 2004.

"Port Engineering aspects of the Magnus Portus in Alexandria". PIANC Bulletin 103, February 2000.

"Le point de vue d'un ingénieur du XXe siècle sur le Port Est d'Alexandrie" (The point of view of a 20th century engineer on the Alexandria Eastern Harbour) in "Alexandrie, les quartiers royaux submergés", by F. Goddio et al, Périplus Ltd, London, 1998.

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"SOGREAH : l'évolution des moyens d'essais" (Development of SOGREAH's testing facilities). La Revue des Laboratoires d'Essais, N° 15, May 1988.

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Travaux, N° 631, April 1988.

"Wave statistics based on ship's observations". Coastal Engineering, 10, Elsevier Publication, 1986.

"Design criteria for granular filters". J. Waterw., Port, Coast. and Ocean Eng., ASCE 110 (1984) 1. Delft Hydraulics Laboratory, Publication n° 287, 1984.

"Toplayer stability of overflow dams", 1983.

"The closure of tidal basins". Coastal Engineering, 6, Elsevier publ., 1982.

"Closure works in the tidal areas in relation with land reclamation". Korea-Netherlands Agricultural Seminar, Seoul, 1981.

"Model-prototype conformity of local scour in non-cohesive sediments beneath overflow-dam".
XIXth IAHR Congress, New Delhi, 1981. Delft Hydraulics Laboratory, Publication n° 232.

"Bed protection adjacent to the Oosterschelde barrier". Symposium on Hydraulic Aspects of Coastal Structures, Delft, 1980.