



Area of Expertise:

Project management, structural engineering, marine, geotechnical, coastal, seismic, and underwater inspection services

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Description of Services COWI North America, Inc. (COWI) is a national and international award-winning engineering firm specializing in heavy civil infrastructure projects involving structural, geotechnical, marine, seismic, and hydraulic/coastal engineering elements. Built on over 80 years of experience, our team has long maintained a reputation as industry leaders developing unique and constructible solutions to difficult challenges to help achieve success for our clients. We are currently ranked #4 on ENR's Top 500 Port and Marine Firms for US & Canada (2015).

Services:

MARINE STRUCTURES: Piers, wharves, seawalls, bulkheads, cofferdams, and in the wet construction methods; vessel operations and mooring facilities; marine facility planning and design; underwater construction; floating structures; precast construction; condition assessment, rehabilitation and upgrade design (IMR)

GEOTECHNICAL: structural modeling and design; soil-structure interaction analysis; seismic hazard analysis; deep and shallow foundations in water; slope stability analysis and seismicity, liquefaction mitigation/ground improvement; soil improvement

COASTAL: wind and wave climatology/sea-level rise; ice loading; wave loading and attenuation; mooring and berthing assessments; natural hazards and risk analysis; coastal structures/shore protection/scour evaluation; modelling of coastal processes; dredging/dredge soil management

History/Years in Business COWI's history in civil engineering dates back to 1930 when the company was founded. COWI North America has more than 300 staff distributed in 12 North American offices focused on structural, geotechnical, and coastal disciplines, including offices in Seattle, Oakland, and Vancouver BC on the west coast. Together with our international parent company, we offer more than 6,400 employees internationally.

Geographic Area Served COWI is located in Seattle, Washington; Oakland, California, and Vancouver, BC and have performed successfully for Port clients up and down the west coast.