

Cofferdams

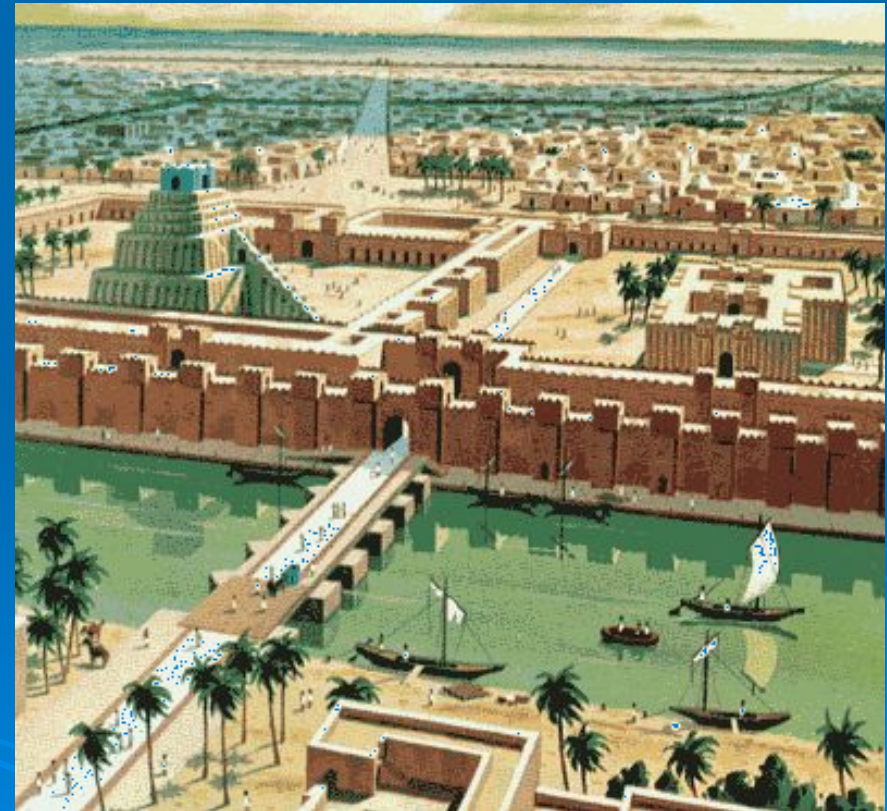
A physical structure placed in a waterway allowing the contractor to dry out their work area; enabling them to perform “in-water” construction process in a dry environment.



Evolution of Cofferdams



In 539 BC King Cyrus of Persia used earthen cofferdams to temporarily divert the Euphrates river allowing the capture of the city of Babylon. Babylon's dominance ended and the rule of the Medo-Persian empire began



The Romans used temporary wood pilings as cofferdams to build Trajan's Bridge across the Danube river in 102 AD in modern day Romania



4500 foot long / 60ft wide / 19 support piers

Roman Cofferddam

