

# **SUBMERGED FLOATING TUNNELS**

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**Abstract:** The submerged floating tunnel concept was first conceived at the beginning of the century, but no actual project was undertaken until recently. As the needs of society for regional growth and the protection of the environment have assumed increased importance, in this wider context the submerged floating tunnel offers new opportunities.

submerged floating tunnel(SFT) is a new concept in the field of infrastructure. The concept of SFT is putting a tubular-shaped structure at a certain depth below the surface of water using Archimedes Buoyancy as its carrying capacity. Transportation infrastructure SFT is better than conventional water crossings(bridges) because the reduction of manufacturing jobs in the pillar and foundation, which in a conventional bridge requires a long time and large amounts of material. This study provides a complete view on based on which principle It is floating, what are the structural components of sft, competitive features of sft and a case study regarding submerged floating tunnel.