

Working Group 11 – Immersed and Submerged Floating Tunnels

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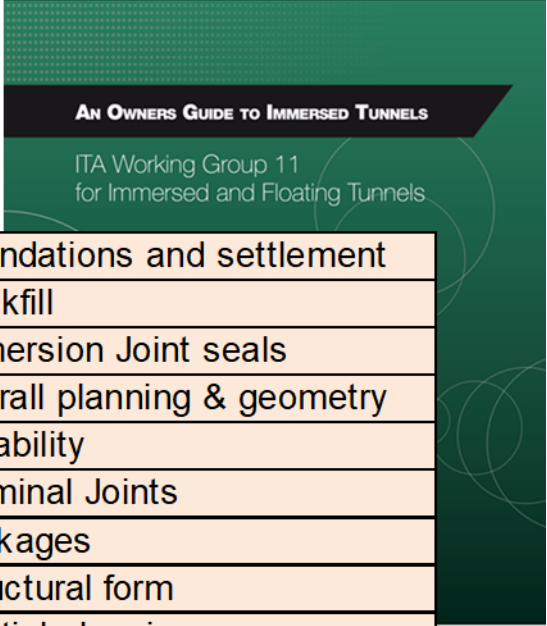
Report from meetings:

- 35 attendees from 10 countries across
 - UK, Netherlands, Denmark, Australia, China, Belgium, Norway, USA, Japan, Germany
- Both Sunday and Monday meetings
- Work plan developed for coming year and 4no. task group workshops for current 3 year plan activities.
- 6 project and technical reports both on immersed and submerged floating tunnels

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Coming year:

- Completion of 17no. final annexes for version 4 publication of report No.7. Intention to finalise for Kuala Lumpur WTC2020
- Continuation with project case study database

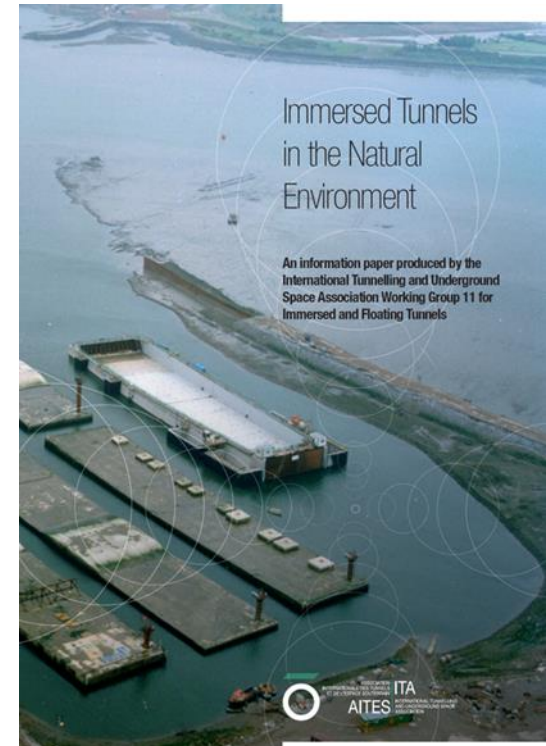


AN OWNERS GUIDE TO IMMERSED TUNNELS	
ITA Working Group 11 for Immersed and Floating Tunnels	
Foundations and settlement	
Backfill	
Immersion Joint seals	
Overall planning & geometry	
Durability	
Terminal Joints	
Leakages	
Structural form	
Spatial planning	T N° 7 / AVRIL 2016
Design standards	
Immersion and bouyancy	ITAL TUNNELING FORUM SPACE ON IMMERSED TUNNELS
Post-immersion works	
Health & Safety	
Navigational safety	
Contaminated soils	
Tolerances	
Dualling tunnels	

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Meeting activities for 3 year plan:

- Task 1 – special set of technical papers on immersed tunnels for TUST / WTC proceedings in 2021.
- Task 2 – publication on maintenance and repair aspects for immersed tunnels (with WG6), similar to environmental leaflet.

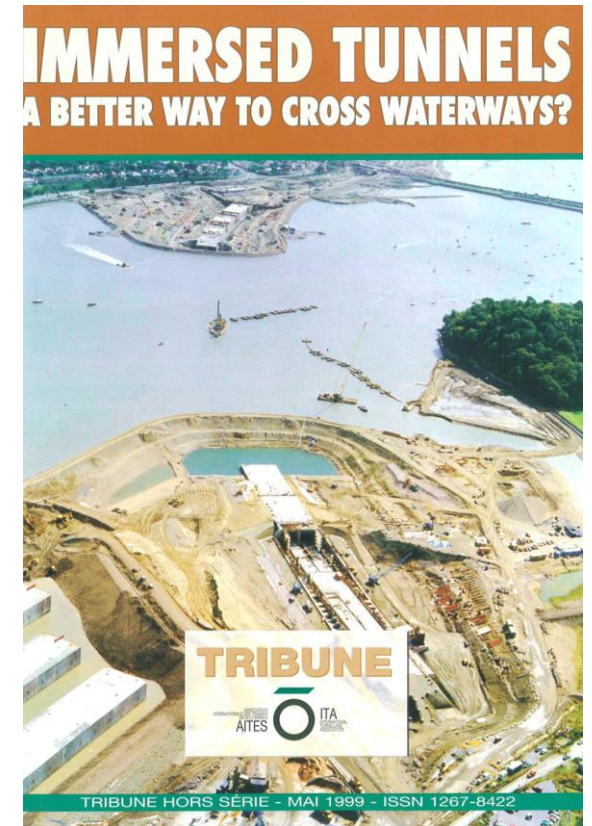


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- Task 3 – Education/R&D work-group:
 - Plan for education materials, supporting university courses and supporting ITACET
- Task 4 - Publication on innovations and recent technology advances. Leaflet style.
- Task 5 – Submerged Floating Tunnel Owners Guide
 - Potential cooperation with FIB and IABSE

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- Task 6 – video presentation on benefits and application of immersed tunnels. To replace old leaflet on “A better way to cross waterways”
- Additional activity – cooperation with China on standards and manuals for immersed tunnels.



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Walter Grantz Memorial Award:

Awarded to Fern van Efferink
of Ballast Nedham, NL

