water

Supplementary Materials: Three-dimensional numerical analysis and operational optimization of high-efficiency sedimentation tank

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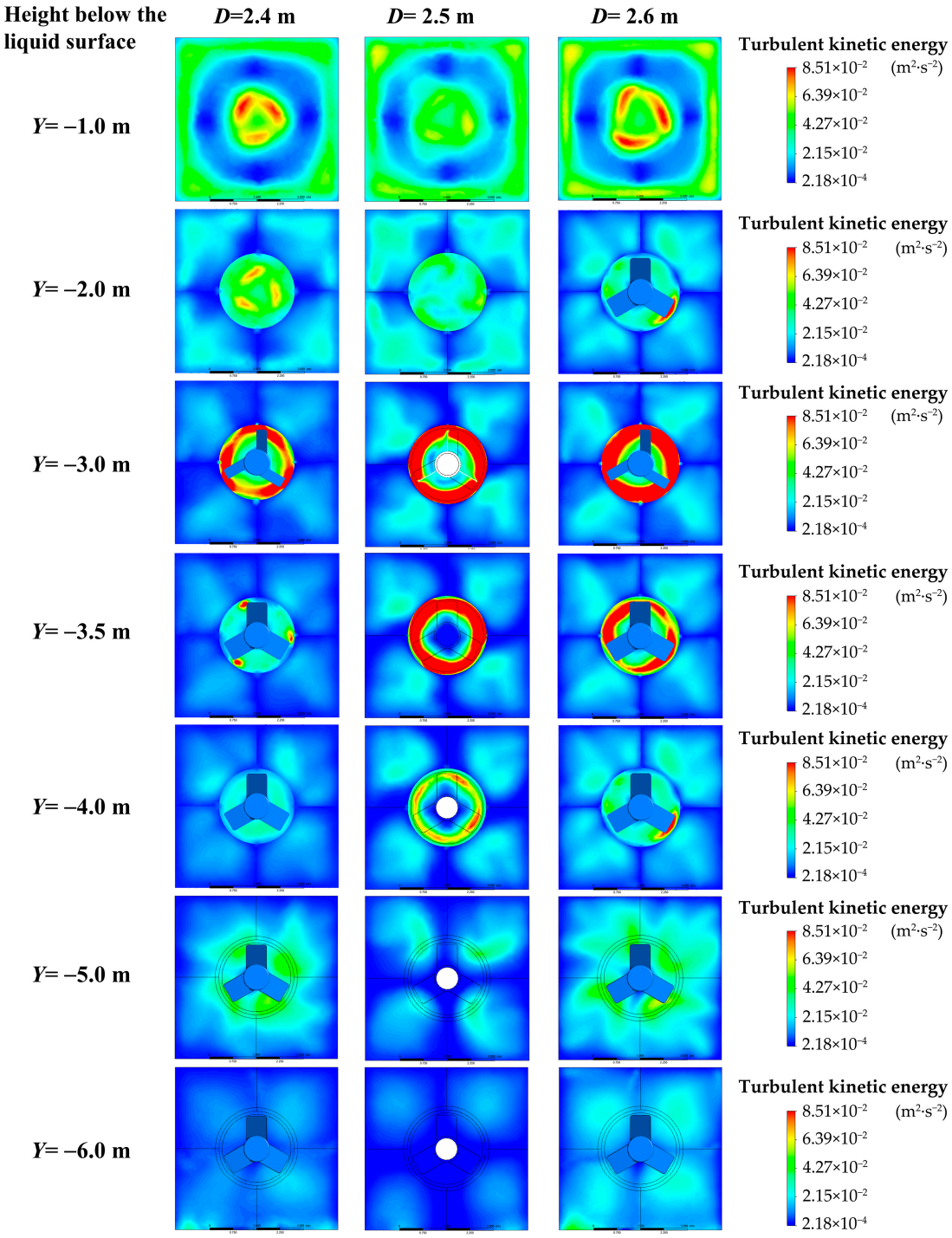

Figure S1. Distributions of turbulent kinetic energy in different cross-sections for various draft tube diameters *D*.

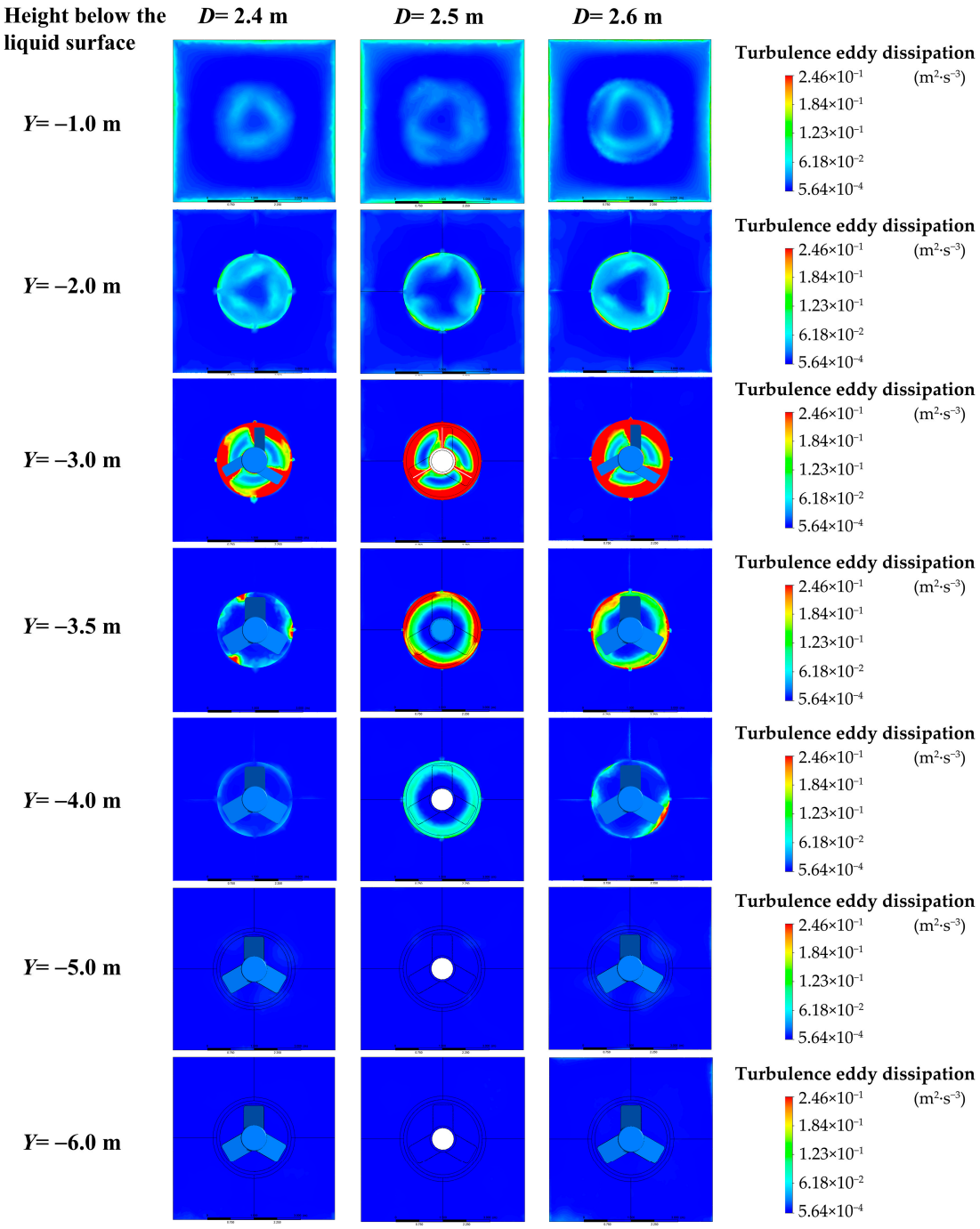

Figure S2. Distributions of turbulent kinetic energy dissipation rate in different cross-sections for various draft tube diameters *D*.

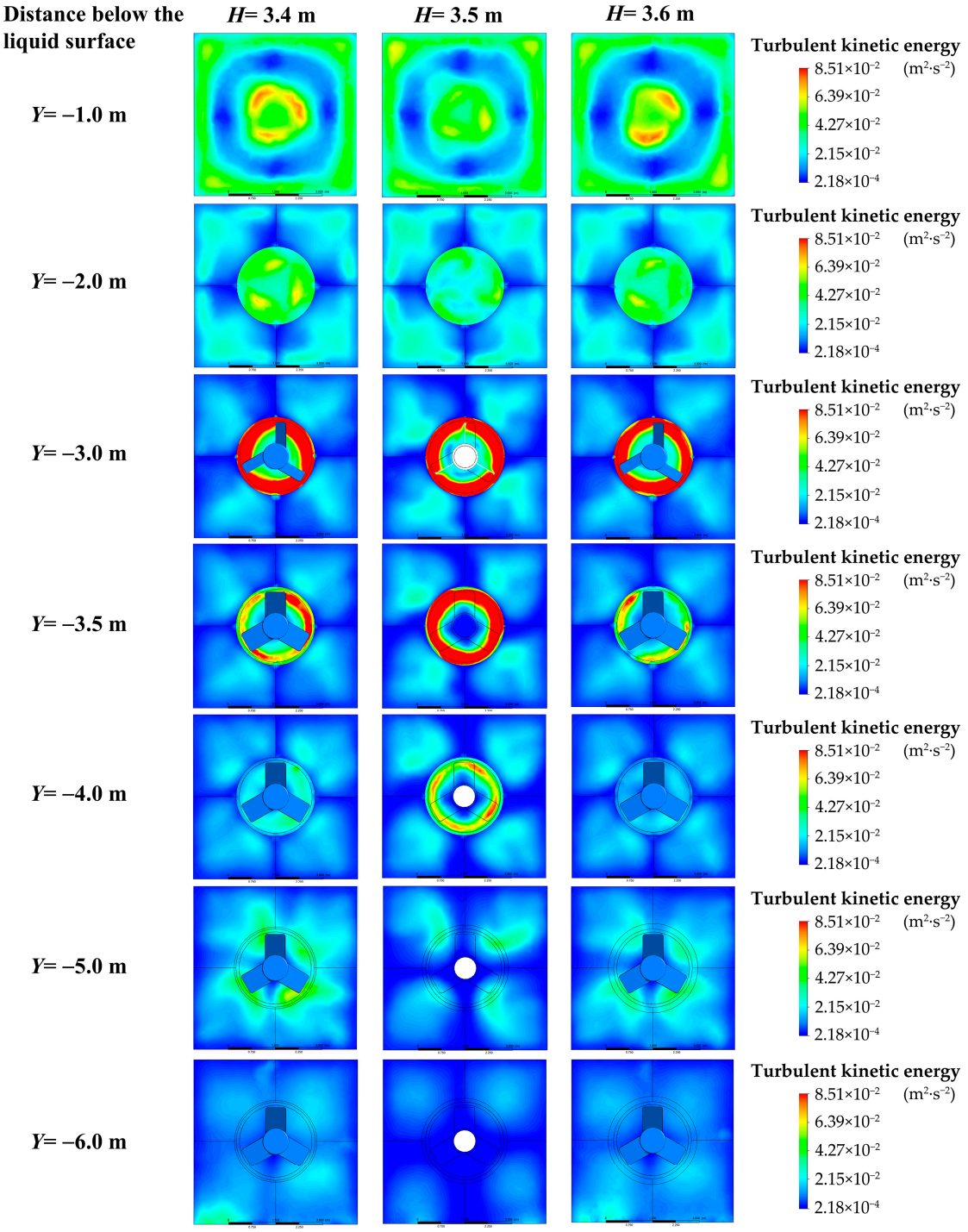

Figure S3. Distributions of turbulent kinetic energy in different cross-sections for various draft tube heights *H*.

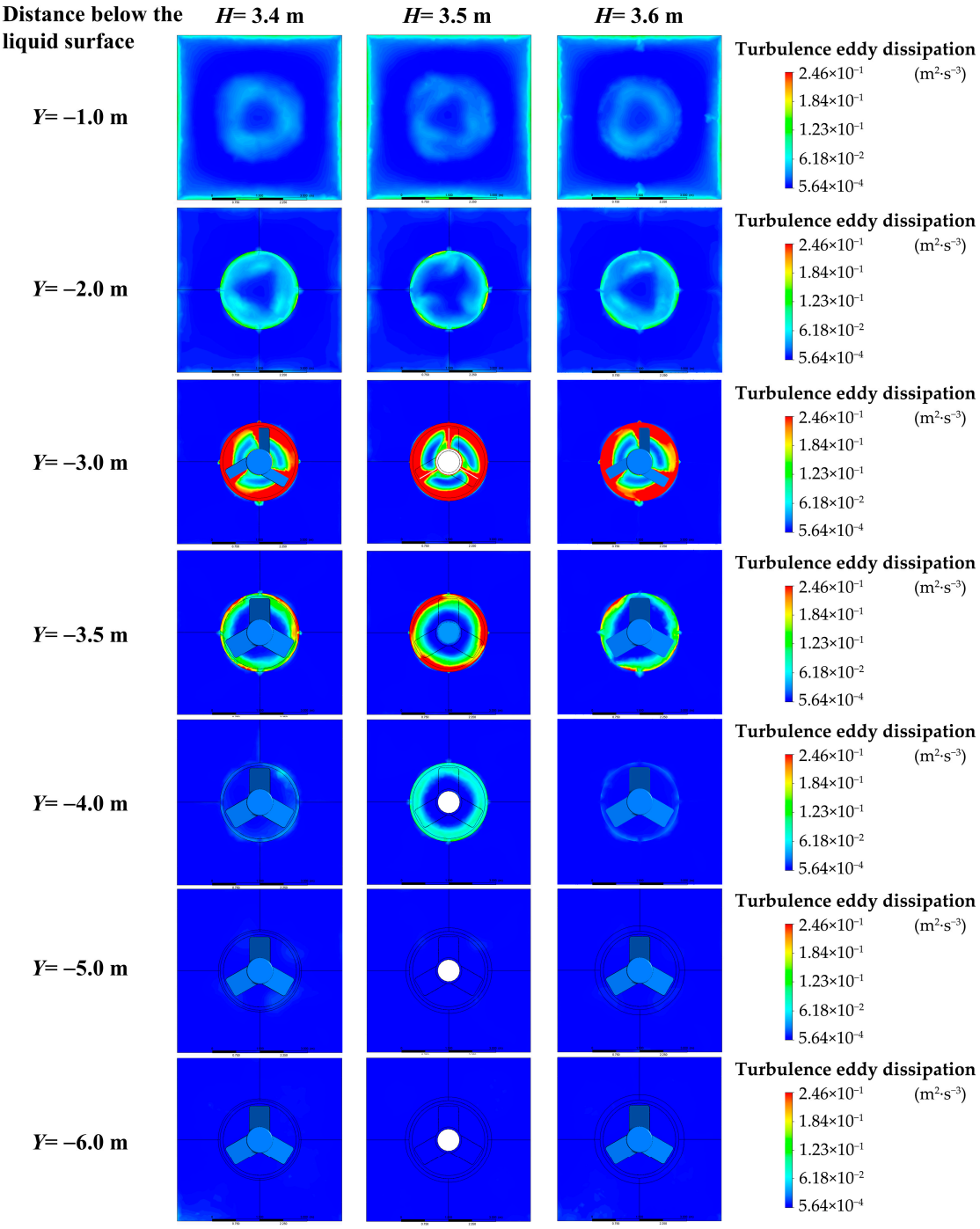

Figure S4. Distributions of turbulent kinetic energy dissipation rate in different cross-sections for various draft tube heights *H*

Table S1. Effect of water-retaining weir height l on average turbulent kinetic energy k and average turbulent kinetic energy dissipation rate ε in plug-flow/clarification zone.

Height of water-retaining weir (m)	Turbulent kinetic energy k (10^{-4} m^2·s^{-2})	Dissipation rate ε (10^{-4} m^2·s^{-3})
1.5	0.7618	0.1246
1.6	0.7533	0.1205
1.7	0.7515	0.1221