

Supplementary Materials

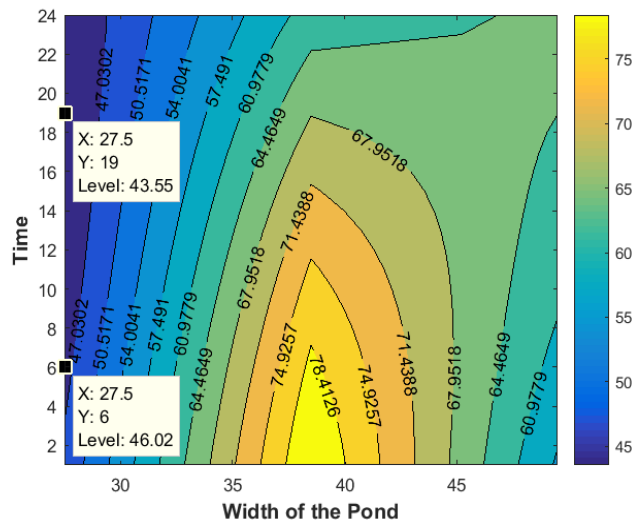


Fig. S1. Distribution of BOD on the width side of the pond.

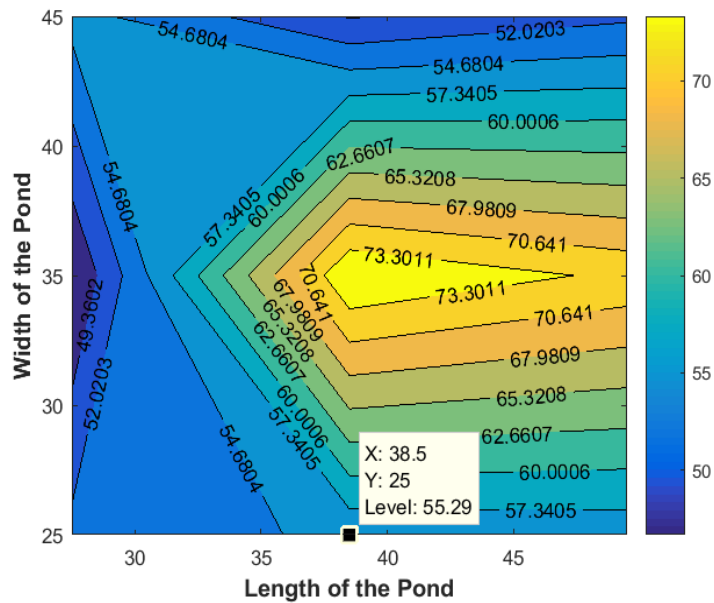


Fig. S2. Distribution of BOD on the surface **plane** of the pond at t = 6 h.

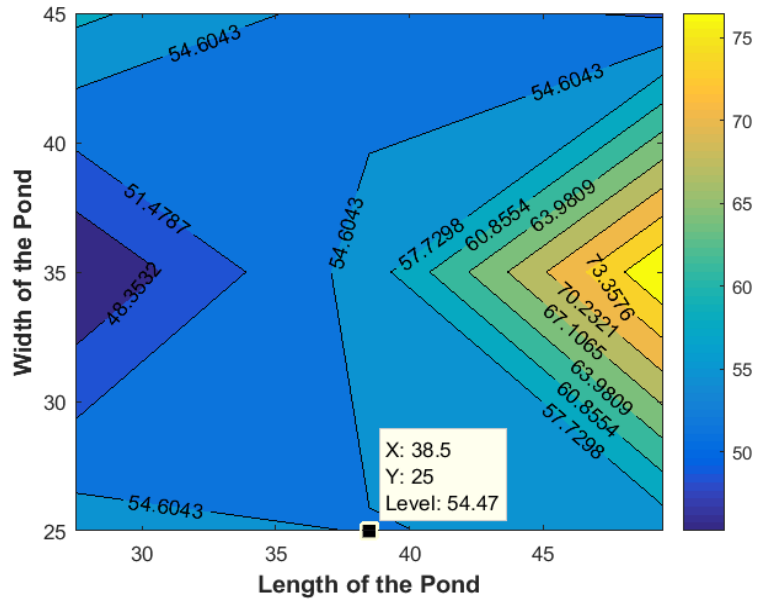


Fig. S3. Distribution of BOD on the Surface Plane of the Pond at $t = 19$ h.

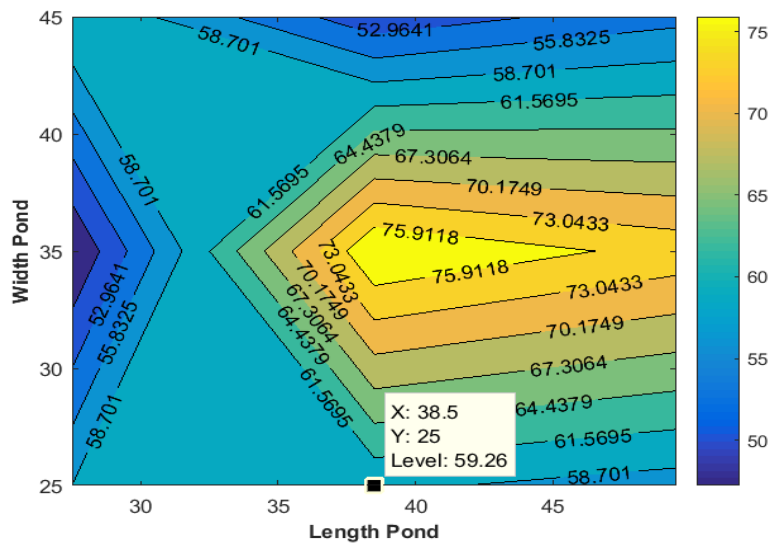


Fig. S4. Distribution of BOD on Pond Depth of 1 meter at $t = 6$ h.

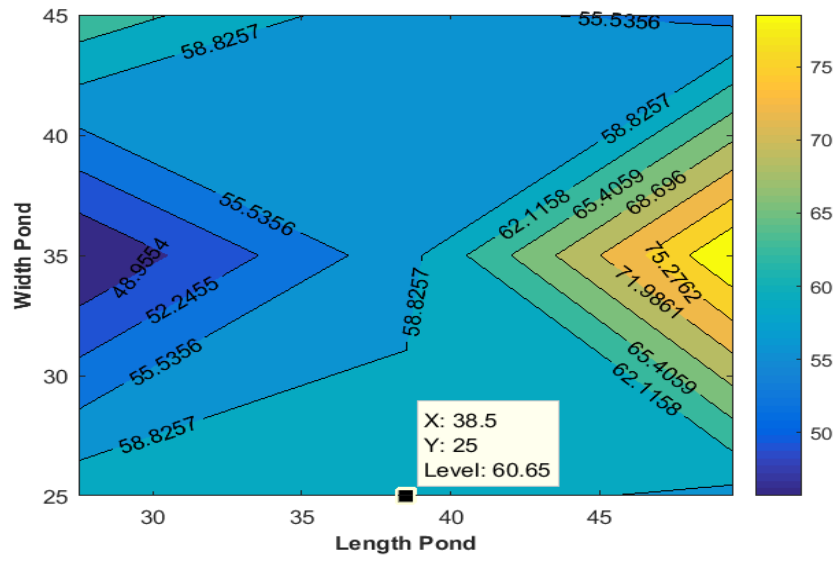


Fig. S5. Distribution of BOD on Pond Depth of 1 meter at $t = 19$ h.

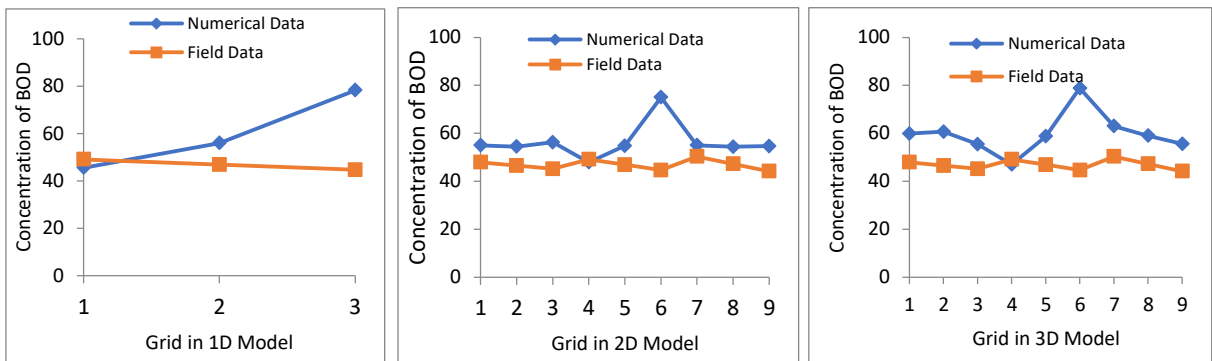


Fig. S6. Comparison graph of numerical data and field data of 1D, 2D and 3D models.