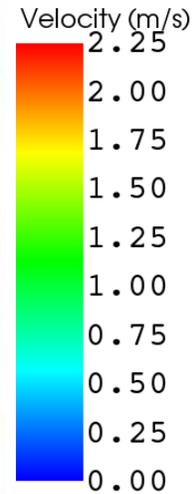
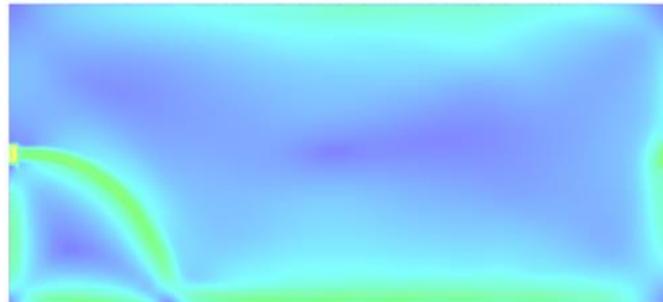
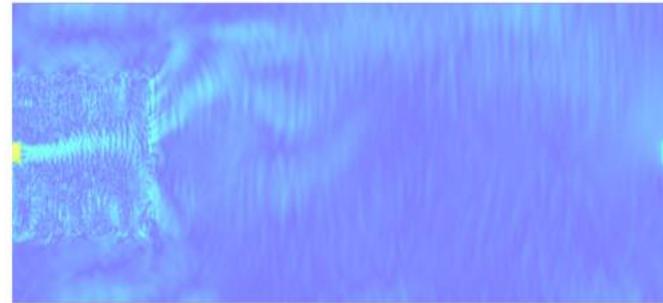


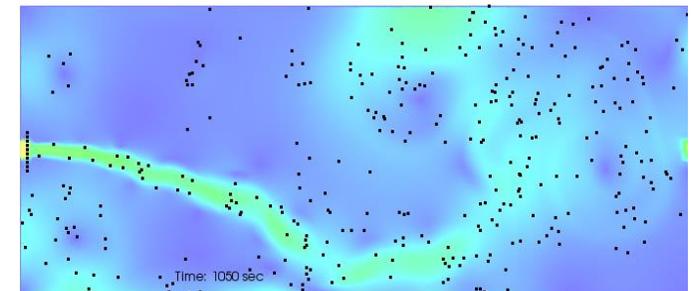
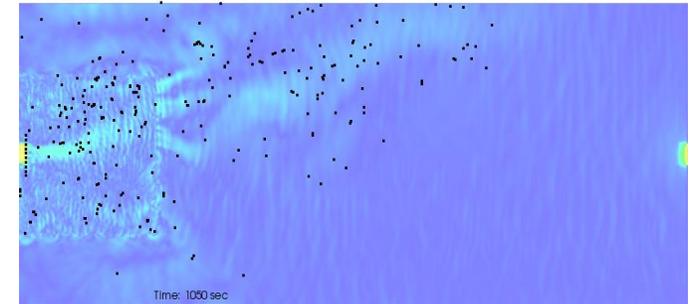
2-D Modeling of Pond-In-Pond

Velocity Profile

Particle Profile



Pond-In-Pond (Top)
vs.
Traditional Pond (Bottom)



Pond-In-Pond

- Incoming higher velocity dissipates within the inner basin
- Reduced velocity in outer pond with minimal circular movements
- Higher retention of particles with increased chance of settling