



# CFD Modeling

We work closely with our clients to develop highly accurate CFD models of their product often in conjunction with developing an experimental test program.

We specialize in:

- Aerodynamic & Hydrodynamic Analysis
- Free Surface Modeling & Multi-phase Flows
- Ship Resistance and Hull/Appendage Optimization
- Detailed modeling of Tidal and River Flows
- Rotating Machinery, Propulsion and Power Generation
- Instrumentation of prototypes and data collection to enable model validation

Our modeling drastically reduces the time and cost of each design cycle compared to field trials or experimental testing.

