



## Serdar Selamet

Adjunct Lecturer, Civil and Environmental Engineering

### Bio

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#### BIO

Assoc. Professor with focus on Fire Engineering, Steel Structures and Numerical Modeling. Dr. Selamet specializes in fire protection engineering with focus on buildings and structures. His areas of expertise include heat transfer analysis, stability and critical temperature assessment of structural members, passive fire protection, building envelope (i.e. façade) fires, performance-based structural analysis under fire conditions and house fires in wildland urban interface. He specializes in providing origin and cause determinations for fires and explosions. Dr. Selamet has expertise in thermo-mechanical modeling and response using finite element software Abaqus and OpenSees Fire. In addition, he has gained experience using computer zone models such as OZone and Consolidated Model of Fire and Smoke Transport (CFAST) to simulate compartment fire dynamics.