

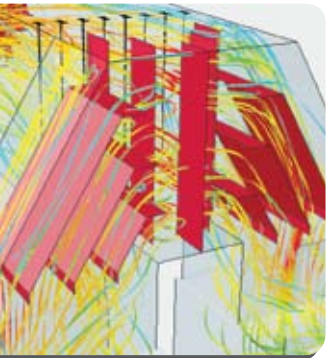
# ALDEN

## Air & Gas Flow Modeling



Alden's Air and Gas Flow Modeling Group is a recognized leader in the physical and computational flow modeling of industrial, utility, and other process gas flow systems. Our group has over 140 years of combined flow modeling experience and has developed a long list of satisfied clients.

The Group includes engineers, scientists, and technicians with extensive experience in the modeling of:



- Wet and dry stacks
- ESP's
- Baghouses
- SCR systems
- Complex duct systems
- Wet and dry flue gas desulfurization systems
- Air heaters, heat exchangers, condensers
- Mist eliminators
- Fans and blowers
- Boiler windboxes
- Manufacturing and process industries
- Complex duct systems
- Sorbent injection processes
- Thermal mixing systems



Besides fossil fueled power plants and air pollution control systems, we also conduct single and multi-phase flow modeling projects for industrial and aerospace clients, manufacturing plants, and government agencies.

Being able to provide both physical and computational flow modeling services under one roof ensures that the most appropriate technical approach, or combination of approaches, will be used to solve your specific flow problem or system design review. We fully evaluate the overall flow system and formulate effective plans to address the underlying causes of actual and/or potential operating problems. Our team has many years of practical real-world field experience with both the utility power generation and industrial process industries. We pride ourselves on our ability to provide realistic, cost-effective engineering solutions for our clients.