

Research Interests

PARTICIPANTS' AREAS OF RESEARCH AND TECHNICAL WORK

*	Committee Member
**	Speaker

Joel Ducoite, North Carolina State University



My current research is in drinking water and wastewater treatment. In particular, my research focuses on modeling these processes using computational fluid dynamics to understand their behavior. I have developed detailed simulations of chemical and UV disinfection, chemical mixing, multiphase separation, biological nutrient removal, and activated sludge processes.