Selected Publications:

1. Kiran Bhaganagar & Sudheer BhimiReddy*, Local Atmospheric Factors that enhance Air-borne Dispersion of Coronavirus - High-fidelity Numerical Simulation of COVID19 case study in Real-Time, Environmental Research, 191, 2020

2. Kiran Bhaganagar and Sudheer BhimiReddy*, Numerical Investigation of starting turbulent buoyant plumes released in Neutral atmosphere. Journal of Fluid Mechanics, V900, A32, 2020.

3. Kiran Bhaganagar & Narasimha Rao Pillalamarri,* Lock-Exchange Release density currents over 3-D regular roughness elements, *Journal of Fluid Mechanics*, 2017

4. Kiran Bhaganagar and Mithu Debnath*, Effect of Mean Atmospheric Forcings of Stable Atmospheric Boundary Layer on Wind Turbine Wake, *Journal of Renewable and Sustainable Energy*. 2015.

5. Jordan Nielson*, Kiran Bhaganagar, Rajitha Meka*, A. Alaeddini, Using atmospheric inputs for Artificial Neural Networks to improve wind turbine power prediction, Energy,190:117263, 2020