

SAURABH KUMAR SINGH

Status: PhD candidate (graduated)

Research Topic:

Use of Weather Research and Forecasting (WRF) model for rainfall analysis and dynamic Downscaling.



Contact:

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Education:

- PhD, Nanyang Technological University, Singapore, 2013-till date
- Bachelors of Technology (B.Tech), Nation Institute of Technology, India, 2007-2011

Working & Research Experiences

- 2-D storm Model using Computational Fluid dynamics on MATLAB at NTU Singapore.
- Aerodynamics Design of wings of aircraft using runge kutta method at Indian Institute of Technology (IIT), Bombay.
- Use of Slosh model for storm surge at Pearl River delta, china at Nanyang Technological University.

Research Interests

- Numerical weather prediction modeling.
 - Hydraulics modeling and numerical simulation
 - Computational Fluid dynamics.
 - Storm surge modeling.
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Honors & Awards

- Graduate Aptitude Test of engineering (GATE) All Indian Rank (AIR) - 141 out of 36156 civil graduates.
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Conference

- 19th international conference on Environment, catastrophe and sustainable development held at IIT BHU Varanasi.