

Government of India  
 Department of Space  
 Indian Space Research Organisation  
 Indian Institute of Remote Sensing  
 Dehradun

IIRS OUTREACH PROGRAMME

06 Aug, 2018 – 10 Aug, 2018

Advanced Geospatial Modelling tools and techniques

Date	Day	Topic	Faculty
06-Aug-2018	Monday	Introduction to Geospatial Modeling Techniques	Dr. Sameer Saran
		Lab : R For Geospatial Modeling	Mr. Ashutosh Kumar Jha
07-Aug-2018	Tuesday	Agents Based Spatial Modeling Lab on Markov and Agent Based Modeling	Mr. Ashutosh Kumar Jha
		<i>Lab : Lab on Markov and Agent Based Modeling</i>	<i>Mr. Ashutosh Kumar Jha</i>
08-Aug-2018	Wednesday	Prospective and Retrospective analysis on spatio-temporal data	Mr. Shiva Reddy
		<i>Lab : Spatio-temporal clustering using SaTScan</i>	<i>Mr. Shiva Reddy</i>
09-Aug-2018	Thursday	Exploring point data and geostatistical modelling	Mr. Prabhakar Alok Verma
		<i>Lab : Geostatistical Modelling on R</i>	<i>Mr. Prabhakar Alok Verma</i>
10-Aug-2018	Friday	Model Performance measures and frame work	Mr. Ashutosh Kumar Jha
		<i>Lab : Lab on Model Evaluation</i>	<i>Mr. Ashutosh Kumar Jha</i>

Online Resource: [R Geospatial Analysis](#)