

ProSPER.Net Young Researchers' School

“Big Data on Earth System Science for Sustainable Development”

9 – 15 March 2020

Hosted by Tsinghua University (Beijing, People Republic of China)

Tentative Programme

Arrival: Sunday, 8 March 2020

Day	Time	Session
Day 1 Monday, 9 March 2020	08:00 – 10:00	Opening Session Welcome remarks and Introduction to YRS Participants Introduction (YRS staff, Dean of School)
	10:30 – 12:00	Lecture 1: Big Data-driven mapping for global sustainability
	12:00 – 13:00	Lunch
	13:00 – 14:30	Lecture 2: Introduction of SDG and data science
	14:30 – 16:30	Campus tour
Day 2 Tuesday, 10 March 2020	09:00 – 10:30	Lecture 3: Geospatial big-data processing with Google Earth Engine
	10:30 – 12:00	Lecture 4: Research Communication
	12:00 – 13:00	Lunch
	13:00 – 14:30	Lecture 5: Big Data on global air pollution and health
	14:30 – 16:30	Communications with Tsinghua students
Day 3 Wednesday, 11 March 2020	08:00 – 11:30	Field Trip Technology company & Zhongguancun Big Data Industrial Park
	11:30 – 13:00	Lunch
	13:00 – 14:30	Lecture 6: Concept of climate change
	14:30 – 16:00	Lecture 7: Geographical Information Science in the Era of Big Data: Opportunities, Challenges and Responses
Day 4 Thursday, 12 March 2020	08:00 – 11:30	Field Trip Remote Sensing Big Data Research Center, Tsinghua University
	11:30 – 13:00	Lunch
	13:00 – 14:30	Lecture 8: Challenges and opportunities for China's sustainable development in the context of global trade
	14:30 – 16:00	Lecture 9: Targeted emission reductions from global super-polluting power plant units
Day 5 Friday, 13 March 2020	08:00 – 11:30	Group Work on Research Proposal
	11:30 – 13:00	Lunch
	13:00 – 16:00	Individual Work on 3-Minute Thesis Presentation
Day 6	08:00 – 11:30	Research Proposal Preparation

Saturday, 14 March 2020	11:30 – 13:00	Individual Work on 3-Minute Thesis Presentation
	13:00 – 14:30	Lunch
	14:30 – 16:00	3-Minute Thesis Presentation
Day 7 Sunday, 15 March 2020	09:00 – 10:30	Panel: Life After PhD and Working for International Organizations
	10:30 – 12:00	Research Proposal Presentation
	12:00 – 13:00	Lunch
	13:00 – 14:30	Programme Evaluation
	14:30 – 16:00	Closing Session

Departure: Monday, 16 March 2020