

# GIS in Education and Research Conference

March 4-5, 2020, Hart House, University of Toronto

## Day 1 – March 4

		Paper Session	Demo Session	Workshop					
	FOUNDERS HALL/ LOWER GALLERY	GREAT HALL	EAST COMMON ROOM	DEBATES ROOM	MUSIC ROOM	SOUTH DINING ROOM	COMMITTEES ROOM	MEETING ROOM	BOARD ROOM
7:30	Registration								
8:30		Plenary	Plenary Overflow						
9:45		Break							
10:05	Registration	Accessibility	Enhancing Geostatistical Analyses with the R-ArcGIS Bridge	Data Modelling	Animating CityEngine Models with the Unity Game Engine	Urban Planning	Applying Data Science Tools in ArcGIS Insights	Designing User Interfaces for Geospatial Applications	Conservation and Management
11:10		Transportation				Investigating Urban Areas			
12:10	Lunch								
1:10		Air Quality	Bringing GIS Analysis to Life Using Python Notebooks	Building Android Apps for Smartphones and Tablets	Designing Urban Futures	Roads & Buildings	Applied Deep Learning in ArcGIS Pro and Python	Accessing Healthcare	Spatial Ecology
2:15		Human and System Health							Urban Ecology
3:15	Break								
3:30		Food, Behaviour and Place	Developers Q&A and Demo Session	Active Transportation	3D and Geodesign Q&A and Demo Session	Urban Land Use	Historical Landscapes	Autonomous Mapping	Soil and Vegetation
4:30									

Great Hall tables during lunch and breaks: GIS Ambassadors, Esri Canada Young Professionals Network, Esri Young Scholars Award.

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## Day 2 – March 5

	FOUNDERS HALL/ LOWER GALLERY	GREAT HALL	EAST COMMON ROOM	DEBATES ROOM	MUSIC ROOM	SOUTH DINING ROOM	COMMITTEES ROOM	MEETING ROOM	BOARD ROOM	
8:00	Registration		K12 Registration							
9:15		Plenary	Plenary Overflow							
10:15		Break								
10:35		K-12 Student Workshop: Maximum City	Visualize Your Data with StoryMaps and Operations Dashboard	Teaching with GIS	K-12 Student Workshop: Create a Map	Managing Spatial Data and Creating Maps in ArcGIS Pro Indigenous GIS Workshop	Treaty by Canoe	Getting Started with ArcGIS Online	Accessing Open Data with the TPS Public Safety Portal	
11:20					K-12 Student Workshop: Analyzing Your Map					Brampton Open Data - Connecting Staff & Students
12:05		Lunch								
1:05	K-12 Student Workshop: Maximum City	Explore Earth through the ArcGIS Living Atlas of the World	Disaster Management	K-12 Student Workshop: Create a Story Map	Create and Use Interactive Surveys. It's as easy as Survey123 Indigenous GIS Workshop	Indigenous Resources for K-12 Education	Using Survey123 to Support a School- Wide Initiative	GIS in Action in K-12		
1:50			Data & Semantics	K-12 Student Workshop: Exploring the Solar System with GIS				Making Water Visible and Valued using the Peel Water Story	Maximum City	
2:35	Break									
2:50	Topics in GIS Research	Bringing GIS Analysis to Life Using Python Notebooks	Modelling Transportation	Enhancing Geostatistical Analyses with the R- ArcGIS Bridge	Share Community Knowledge with ArcGIS StoryMaps Indigenous GIS Workshop	ArcGIS Online Q&A and Demo Session	Drop-in	Drop-in		
4:20										

Great Hall tables during lunch and breaks: GIS Ambassadors, Esri Canada Young Professionals Network, Esri Young Scholars Award.