

2020 GIS in Education and Research Conference

Day 2 - March 5

Board Room

K-12 Teacher Presentation

11:20 Brampton Open Data - Connecting Staff & Students

Adam Commeford
City of Brampton

Melissa Allin
City of Brampton

K-12 Teacher Workshop

10:35 Accessing Open Data with the Toronto Police Service (TPS) Public Safety Portal

Debbie Verduga
Toronto Police Service

Gaya Ganesan
Toronto Police Service

K-12 Teacher Presentation

13:05 GIS in Action

Cory Munro
Saugeen District Secondary School

Danny Kajan
Strathroy District Collegiate Institute

K-12 Teacher Workshop

13:50 Maximum City

Josh Fullan
Maximum City

Committees Room

K-12 Teacher Workshop

10:35 Treaty by Canoe

Kelly Pineault
The Canadian Canoe Museum

K-12 Teacher Presentation

13:05 Indigenous Resources for K-12 Education

Claudia Sinipoli
Ryerson University

Sara Murdoch
Ryerson University

K-12 Teacher Workshop

13:50 Making water visible and valued using the Peel Water Story

Catherine Hobbis
Regional Municipality of Peel

Debates Room

Teaching with GIS

10:35 Spatial and Critical Thinking in Research and Instruction: Status, Challenges, and Opportunities

Joseph Kerski
Esri University of Denver N Park Univ

10:55 Incorporating Client-Based Learning in a New GIS Curriculum

Martha Bostwick
Centre of Geographic Sciences - NSCC

11:15 Introductory Spatial Analysis Exercise for Business Students Using SAP Predictive Analytics and Esri ArcGIS

Hossam Ali-Hassan
York University, Glendon campus

Michael Bliemel
Ontario Tech University

11:35 Creating a GIS Department at Avicenna University

Alireza Ibrahimi
Avicenna University

Data & Semantics

13:50 Geo Semantics Exchange (GSX)

Megan Katsumi
University of Toronto - St. George

Hasan Bayanouni
University of Toronto - St. George

Tasos Dardas
Esri Canada

14:10 Utilizing Curated Contributor Content in the Living Atlas & the Community Map

Paul Heersink
Esri Canada

Disaster Management

13:05 Developing a Spontaneous Volunteers Management ArcGIS Web Application System for Major Disasters & Emergencies in Ontario

Ali Asgary
York University

Wondwosen Agune
York University

13:25 Harnessing Chaos: Using Agent-Based Modelling to Study the Effects of Poor Decision-Making during Building Evacuation

Jeffrey Katan
Université de Montréal

Modelling Transportation

14:50 Pre-Processing of 3D Point Clouds for Automated Railway Track Extraction

Harry Kim
York University

15:10 Using Level of Traffic Stress to Understand Cycling Behaviour and Improve Cyclist Safety

Raj Ubhi
McMaster University

15:30 Extracting Pedestrian Activities and Tours from Smartphone Data: A Trajectory-Based Gps Analysis

Xiaomeng Xu
University of Waterloo

East Common Room

Workshop

10:35 Visualize your data with Story Maps and Operation Dashboards

Jasmine Sohal
Esri Canada

Workshop

13:05 Explore Earth through the ArcGIS Living Atlas of the World

Joseph Kerski, PhD GISP
Esri

Workshop

14:50 Bringing GIS Analysis to Life using Python Notebooks

Mike Leahy
Esri Canada

Great Hall

K-12 Student Workshop

10:35 Maximum City - YouthScore (Part 1)

Josh Fullan
Maximum City

K-12 Student Workshop

13:05 Maximum City - YouthScore (Part 2)

Josh Fullan
Maximum City

Climate Change

14:50 Health, Hunger and GIS

Akintunde Hareef Akerele
Sterne-Bau Resources Ltd./FoodClique Sup

Rukayat Anike Opeloyeru
Sterne-Bau Resources Ltd./FoodClique S

15:10 Mapping Soil Carbon: Getting Down to Earth on Food Security and Climate Change

Elora Tarlo
Trent University

15:30 Impact of Climate Change on Agricultural Land and Crop Yield for Human Food Security

Purva Thapar
Icon Software Technologies Ludhiana, Punj

Dhanesh Lal
Icon Software Technologies Ludhiana, Pu

15:50 Use of Deep Residual/Dense Network for Tree Species Classification from High Resolution UAV Images

Sowmya Natesan
York University

Meeting Room

Workshop

10:35 Getting Started with ArcGIS Online

Lindsey Ginou
Toronto District School Board

Workshop

13:05 Using Survey123 to Support a School-Wide Initiative

Anthony Cushman
Rolph Road Elementary School

Music Room

K-12 Student Workshop

10:35 Create a Map

Jamie Haldenby
Ontario Ministry of Environment, Conserva

11:20 Analyzing Your Map

Jamie Haldenby
Ontario Ministry of Environment, Conserva

K-12 Student Workshop

13:05 Create a Story Map

Anna Shadrova
University of Toronto

13:50 Exploring the Solar System with GIS

Bhairavi Shankar
Indus Space Inc.

Workshop

14:50 Enhancing Geostatistical Analyses with the R-ArcGIS Bridge

Hossein Hosseini
Esri Canada

South Dining Room

Indigenous GIS Workshop

10:35 Managing Spatial Data and Performing Analysis in ArcGIS Pro

Jonathan Van Dusen
Esri Canada

Indigenous GIS Workshop

13:05 Create and use interactive surveys. It's as easy as Survey123

Steve DeRoy
The Firelight Group

Indigenous GIS Workshop

14:50 Share community knowledge with ArcGIS StoryMaps

Susie Saliola
Esri Canada