

# EMILY A. KINGDON

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## Highlights

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- Graduate Certificate in Geographic Information Systems from Sir Sandford Fleming College
- Remote Sensing and imagery interpretation
- Exceptional practical land surveying experience in an educational setting
- Web design and programming skills
- A-level student
- Class G licence
- Superior leadership qualities, effective communication, and initiative in group settings

## Software

- Extensive Knowledge with ESRI products
- E-cognition Professional
  - PCI Geomatica
  - Adobe Illustrator
  - Adobe Photoshop
  - Avenza MAPublisher
  - Avenza Geographic Imager
  - AutoCAD
  - Microsoft Suite

## Languages

- Python
- HTML
- CSS
- JavaScript
- SQL

## Education

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Sir Sandford Fleming College, Lindsay, ON, Ontario College Graduate Certificate  
[Geographic Information Systems - Cartographic Specialist](#) (3.9 GPA)

- Knowledgeable of geomatic techniques and concepts
- Courses in "Spatial Analysis", "Remote Sensing", "Environmental Modelling", "Geodesy" and "Surveying"
- Cartographic skills using Esri and Adobe products through the "Geovisulization I, II and III" courses
- Database design and infrastructure knowledge through "Database Design and Programming" and "Web GIS Development"
- Web site design and programming through "Web GIS Development" and "Web Communication"
- Hands on experience using total stations, mobile data collection, GPS and trigonometric leveling through Survey Camp
- Working experience with the Corporation of The County of Prince Edward, Ontario, using Esri Collector for ArcGIS

Sir Sandford Fleming College, Lindsay, ON, Ontario College Diploma  
[Ecosystem Management Technician](#) (3.9 GPA)

- Able to critically analyze, understand, and navigate environmental scientific concepts
- A strong understanding of biological and environmental processes and the management of aquatic ecosystems
- Experience in water quality/benthic analysis (OBBN certification).
- Skills relating to report writing, presentations, computer skills, lab processes, and interpersonal skills

## Experience

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### The Corporation of The County of Prince Edward

#### GIS Collaboration Project with Fleming College

2020

- Project website for GIS Open House, 2020  
<https://collaboration2014.github.io/Index2>
- Within a group, we developed a tool to edit and collect water infrastructure data outside using ESRI Collector for ArcGIS
- Data was updated directly into a SQL Server
- Developed documentation for the Client to recreate the tool in their system
- Developed documentation for the water department employees to learn and implement Collector into their current workflows

### Fleming College - Peterborough, ON

#### Student Accounts Specialist Assistant

2019

- Assist students and their family members with questions about financial status, deadlines, convocation, transcripts etc.
- Manage the student account emails and phones daily
- Organize and file confidential paperwork

### Yukon Galley - Trenton, ON

#### Supervisor and Team Lead for FSWEP Program

2015-2016, 2018

- Lead a team of workers to complete short and long-term goals
- Manage individuals to ensure a successful and safe working environment
- Strong decision making, and interpersonal skills maintained at a high standard throughout career

## Volunteer Experience

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- **MC, GIS Open House, 2020**  
Fleming College, Lindsay ON.
- **Event Setup, 2019**  
World Championship Martial Arts, Peterborough, ON
- **Auk Mascot, 2016-2018**  
Sir Sandford Fleming College, Lindsay, ON.
- **Hatchery Care Assistant, 2018**  
Fish hatchery, Sir Sandford Fleming College, Lindsay, ON.
- **Program Advisor, 2016-2017**  
Open house, Sir Sandford Fleming College, Lindsay, ON.

## Professional Development

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### BeSpatial Social Events and Webinars, 2019-2020

- Attended various workshops that pertain to the GIS industry

### **Pitch Presentation Competition Participant, 2018**

- Eco Health conference, Sir Sandford Fleming College, Lindsay, ON
- “Green Bin Project”, to get local Business’ to recycle organic waste

## Interests

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- Canoeing
- Camping
- Hiking
- Yoga
- Sewing
- Painting
- Knitting

## References

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### **Marikka Williams, GISP**

GIS Professor  
Sir Sandford Fleming College  
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### **Mike Fraser**

Ecosystem Management Professor  
Sir Sandford Fleming College  
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### **Marlene Davis**

Civilian Supervisor  
Yukon Galley, Canadian Armed Forces  
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