Dr. Jacqueline Corbett

Dr. Corbett is Associate Professor of Management Information Systems in the Faculty of Business Administration at Université Laval. She holds a Ph.D. (MIS), a M.B.A (Finance) and a B.A. (Honours, Business Administration). Prior to obtaining her Ph.D., Jacqueline had a distinguished professional career in the Canadian FinTech sector. Jacqueline’s current research interests concern the design and use of information systems (IS) to support sustainable development, with a particular interest on the achievement of the UN’s Sustainable Development Goals for 2030. Her specific research activities fall into four main areas: 1) the use of persuasive systems to foster environmentally responsible behaviors; 2) the adoption and impacts of “green” IS by organisations; 3) the Smart Grid; and 4) Smart Cities. Jacqueline has published research in top IS and management journals and presented at leading conferences.

Selected Recent Publications


Leveraging an Integrated Information Ecosystem to Build Smart Sustainable Cities

Jacqueline Corbett
Associate Professor
Management Information Systems Department, FSA ULaval
Université Laval

Montréal, November 1, 2017
Research Context

- CeRCI : Centre de recherche sur les communautés intelligentes
  - Multi-disciplinary research centre established in 2013 at FSA ULaval

- Research initiated in 2013

- Published article:
Sustainable Development Goals 2030

For more information: [https://sustainabledevelopment.un.org/](https://sustainabledevelopment.un.org/)
Research Questions

How do information systems (IS) support cities in their efforts to manage water quality and green space?

What type of IS are needed by cities in order to achieve the SDGs by 2030?
“LabIS, it is a laboratory application on which lives could depend. There needs to be much more effort expended; there needs to be twice the vigilance so as to create products whose level of quality is very, very high.” (P5, IT)

“At first, TreeIS was just a big computer at the office. One had to make a paper copy. Today, with the [GIS], they pick up a sector and then they go there. Today, they go with a tablet computer and they’re set.” (P6, IT)
Integrated Information Ecosystem

1. Identifies challenges for...
2. Creates changing priorities for...
3. Contributes to the development of...
4. Informs political debate and decision-making...
5. Identifies new threats to sustainability in urban context...
6. Influences discourse in...

Sustainability Sphere
- Defines parameters of global sustainability

Political Sphere
- Hosts debates and sets priorities

Administrative Sphere
- Creates capacities and takes action

Integrated Information Ecosystem
- Data
- Processes
- People
- IT
- IS

Smart sustainable city consistent with vision of SDGs
For more information

Jacqueline Corbett
Jacqueline.Corbett@fsa.ulaval.ca