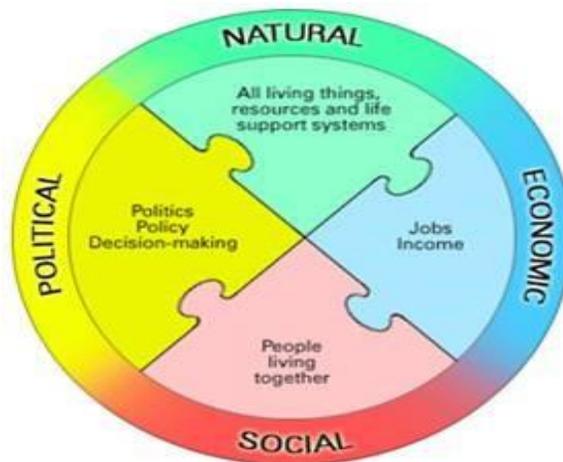


# Faculty Resources Library

Office of Sustainability  
Fleming College

Welcome to the Office of Sustainability's Faculty Resources Library. This library is designed to provide faculty with quick and easy access to a variety of resources, including articles and videos that can be used both inside and outside of the classroom. In addition to this resource, a simple "Step-by-Step" Guide has been created for assessing sustainability content in a course or program. Below is Fleming College's Sustainability Learning Outcome. An assessment tool for the Learning Outcome has also been developed. All of these additional resources can be found on our D2L Sustainability Innovators Community of Practice site or on the Office of Sustainability website. We are always happy to receive articles, videos or other resources to add to the list. Thank you for using this on-line Library.



### **Sustainability Learning Outcome**

Explain the interconnections between the broad principles of sustainability- which include human health and well-being, ecological health, social issues and secure livelihoods - in order to support a better world for all generations.

## Table of Contents

1.	Introduction to Sustainability and Sustainability Resources .....	3
2.	Sustainability on Campus: Fleming College and Beyond .....	6
3.	Sustainability through the Arts .....	8
4.	Sustainability in SENRS – .....	9
5.	Sustainability in Business .....	12
6.	Sustainability through Community Development and Justice .....	15
7.	Health and Wellness .....	16
8.	Sustainability in Trades and Technology.....	17
9.	Sustainability & Traditional Knowledge.....	19
10.	Sustainability, Community Initiatives and Potential Partners .....	20
11.	Faculty Curriculum Development Resources.....	21

## 1. Introduction to Sustainability and Sustainability Resources

**UNESCO Teaching and Learning for a Sustainable Future:** (Web Resource) This is an introductory resource from UNESCO's teaching and learning for a sustainable future website. The site contains many resources and teaching modules and forms the basis for suggested elements of performance for Fleming's Sustainability Learning Outcome.

<a href="#">Exploring global realities</a>	<a href="#">Population &amp; development</a>
<a href="#">Understanding sustainable development</a>	<a href="#">Understanding world hunger</a>
<a href="#">A futures perspective in the curriculum</a>	<a href="#">Sustainable agriculture</a>
<a href="#">Reorienting education for a sustainable future</a>	<a href="#">Sustainable tourism</a>
<a href="#">Accepting the challenge</a>	<a href="#">Sustainable communities</a>
<a href="#">Sustainable futures across the curriculum</a>	<a href="#">Globalisation</a>
<a href="#">Citizenship education</a>	<a href="#">Climate change</a>
<a href="#">Health education</a>	<a href="#">Experiential learning</a>
<a href="#">Consumer education</a>	<a href="#">Storytelling</a>
<a href="#">Culture &amp; religion for a sustainable future</a>	<a href="#">Values education</a>
<a href="#">Indigenous knowledge &amp; sustainability</a>	<a href="#">Enquiry learning</a>
<a href="#">Women &amp; sustainable development</a>	<a href="#">Appropriate assessment</a>
	<a href="#">Future Problem Solving</a>
	<a href="#">Learning outside the classroom</a>
	<a href="#">Community Problem Solving</a>

**The Millennium Eco-System Report Summary:** (DOC) This is a power point summary of the largest assessment of the world's eco-systems ever conducted. It is important background in understanding links between the degradation of the world's eco-systems and human health and well-being.

**Sustainable Development & the Ecosystem Approach:** (VIDEO) Presented by: State of the Environment Reporting, Earth's Harmony: These two programs are presented by State of the Environment Reporting, Environment Canada in the spirit of Environmental Citizenship. They explain some key ideas that can help us understand the future of the environment. Lindsay Campus Library - Call Number: HD75.6 .S857 1993 (VIDEO 1799)

**Sustainable Environments:** (VIDEO) This video is a thorough and interesting exploration of sustainability. You'll learn how some of nature's loops and interdependencies work towards sustainability, and how we can follow similar patterns in the built environment. There are sections on transportation, buildings and landscapes, diet and agriculture, and lifestyles and work. Lindsay Campus Library - Call Number: HC79 .E5 S868 1994 (VIDEO 2003)

**Sustainability Literacy Resources:** (WEB RESOURCE) This is a UK based organization that has put out a handbook to sustainability literacy. You can download free chapters and also see interviews with the authors on how they have incorporated sustainability into their teaching practices in a range of fields.

<a href="#">Introduction</a>	<a href="#">Transition Skills</a>
<a href="#">Ecocriticism</a>	<a href="#">Commons Thinking</a>
<a href="#">Optimisation</a>	<a href="#">Effortless Action</a>
<a href="#">Grounded Economic Awareness</a>	<a href="#">Permaculture Design</a>
<a href="#">Advertising Awareness</a>	<a href="#">Community Gardening</a>

Ecological Intelligence  
Systems Thinking  
Gaia Awareness  
Futures Thinking  
Values Reflection and the Earth Charter  
Social Conscience  
New Media Literacy  
Cultural Literacy  
Carbon Capability  
Greening Business  
Materials Awareness  
Appropriate Technology  
Appropriate Design

Technology Appraisal  
Complexity, Systems Thinking and Practice  
Coping with Complexity  
Emotional Wellbeing  
Finding Meaning Without Consuming  
Being in the World  
Beauty as a Way of Knowing Citizen Engagement  
Re-Educating the Person  
Institutional Transformation  
A Learning Society

**Sustainable Development Solutions Network (SDSN)** – (WEB Resource) SDSN Canada is the Canadian chapter of SDSN Global (which evolved from the United Nations). SDSN Canada supports and engages in projects and programs, and hosts events and initiatives to promote sustainable development solutions.

SDSN Canada projects, programs, events and initiatives seek to encourage innovative sustainable development solutions in Canada and worldwide, to galvanize research, education and action on sustainable development and/or to raise awareness about one or more of the Sustainable Development Goals.

Fleming is a member of SDSN Canada.

### **Association for the Advancement of Sustainability in Higher Education (AASHE)**

(WEB Resource) Note: Fleming is a member so you can create an account for yourself).

The AASHE Campus Sustainability Hub is a one-stop shop for AASHE members to access toolkits and resource collections about all aspects of **sustainability** in higher education, from academics to operations to governance. To get started, browse by sustainability topic or content type, or simply enter search terms.

Curriculum  
Research  
Campus Engagement  
Public Engagement  
Air & Climate  
Buildings  
Energy  
Food & Dining  
Grounds

Purchasing  
Transportation  
Waste  
Water  
Coordination & Planning  
Diversity & Affordability  
Investment & Finance  
Wellbeing & Work

### **Guide for Applied Sustainability Learning Projects** (WEB Report)

Applied learning projects and programs are serving as a driver for advancing sustainability in communities around the world. The guide brings together lessons from on-the-ground management of applied learning for sustainability programs with literature related to sustainability science, education, change management, and partnership development.

**Bob Willard's website** (WEB Resource) - Bob is a leading expert on quantifying and selling the business value of corporate sustainability strategies working with businesses, governments, universities and NGO's.

**Peterborough-Kawartha-Haliburton Regional Centre of Expertise (RCE)** (WEB Resource) - Regional Centres of Expertise (RCE) are networks of educational institutions, community organizations, governments, businesses and grass roots community members that work together to advance sustainability education. A "Centre" refers to an entire region designated as having expertise in sustainability education by the United Nations University.

**Higher Education Sustainability Initiative (HESI)** – HESI is a partnership that supports the UN's Sustainable Development Goals. Higher education institutions part of HESI commit to Teach sustainable development across all disciplines of study, Encourage research and dissemination of sustainable development knowledge, Green campuses and support local sustainability efforts, and Engage and share information with international networks.

**WESSA Stepping Up to the Sustainable Development Goals 2017** (Report)  
Whatever an individual or organisation's interest in sustainability is, the concept will be multidimensional and will promote connected thinking. This guide aims to help with such an approach by taking each of the recently adopted seventeen Sustainable Development Goals (SDGs) and providing insights into each.

**Building a Sustainable and Desirable Economy-in-Society-in-Nature** (Report)  
This report was completed in 2012 Rio20 for the United Nations as part of the Sustainable Development of the 21<sup>st</sup> Century (SD21). It looks at the need to move economics from one that is based merely upon the growth of material consumption to one that recognizes that sustainable economics is based upon real development of human wellbeing.

**Sustainability across the Curriculum** (Google Drive Shared Folder)

**Living Planet @ Work** (WEB Resource) Fleming is a member of the Living Planet @ Work. This innovative program provides the strategic guidance, green business ideas, free tools and support to empower and engage employees so they can drive sustainable practices at work.

## 2. Sustainability on Campus: Fleming College and Beyond

### **Fleming College**

**Fleming College, Office of Sustainability Web Page:** (WEB) This page describes sustainability activities and initiatives across the College as well as how they are measured. The site helps faculty keep up to date on sustainability at the College and students understand how they can get involved in sustainability initiatives right on campus.

**Fleming College Faculty Leadership Video:** (VIDEO) This six minute video provides a brief overview of sustainability and why it is important to Fleming College. It features interviews with faculty from across the College who have integrated Sustainability into their programs and courses.

### **Other Campuses**

The following links provide videos and resources illustrating the sustainability activities that are taking place at campuses across the continent and beyond. Starting with a link to AASHE (The Association for Advancement of Sustainability in Higher Education) website, of which Fleming College is a member, there are numerous articles and case studies on the practice of Sustainability in higher education. Also of interest maybe the link to UBC's resources for faculty that may contain additional resources to those found on this site.

**AASHE Round up of Recent Campus Sustainability Videos** (WEB Resource VIDEO)

**AASHE Recognizes Campus and Student Sustainability Award Winners** (WEB Resource DOC) Note: Fleming is already doing many of the things that award winners are doing!

**Living Planet @ Campus** (WEB Resource) Challenge your residence to power down and save energy, host a campus e-waste drive, or encourage campus offices, libraries and buildings to print responsibly with a little friendly competition. Access your tools to get started on making an impact today.

**Sustainable Algonquin College** (WEB Resource)

**Conversations in Sustainability: The University of British Columbia** (WEB Resource VIDEO)

**University of BC's Sustainability Resources for Educators** (WEB Resource)

### **Humber Sustainability**

Humber Honey Bees, in an effort to rebuild the number of worker honey bees in our local area, the Office of Sustainability installed hives on campus to provide a safe environment for honey bees to thrive and to collect nectar from flora in the local areas. Honey bees are a vital member of our community, as they pollinate approximately 70% of the world's crops; without honey bees, our grocery stores would be near empty.

**Campus Sustainable Practices** (WEB Doc)

Campus Sustainability Best Practices a Resource for Colleges and Universities -

Leading by Example: College & University Sustainability Best Practices

**[Eight Tips for a more Sustainable Campus.](#)** (WEB Resource)

These provide campuses with eight strategies for making your campus more sustainable

**[Links to UK National Student Union Sustainability programs and videos](#)**

**[Student Switch Off](#)** (WEB Video)

**[Student Switch Off: Saving Energy Through Behaviour Change](#)** (WEB Video)

**[Green Impact](#)** (WEB Resource)

**[Green Impact](#)** (WEB Video)

**[Snap it Off](#)** (WEB Video)

**[Student Eats](#)** (WEB Resource)

**[Students' Green Fund](#)** (WEB Resource)

**[Students' Green Fund](#)** (WEB Video)

**[I am the Change](#)** (WEB Video)

### 3. Sustainability through the Arts

**The Center for Sustainable Practice in the Arts:** (WEB Resource) The Center for Sustainable Practice in the Arts is a Think Tank for Sustainability in the Arts and Culture. The CSPA views sustainability as the intersection of environmental balance, social equity, economic stability and a strengthened cultural infrastructure. Seeing itself as evolved out of the principles of the 1987 Brundtland Report and 1992 Rio de Janeiro Earth Summit, the CSPA aligns itself with the policies of Agenda 21 for Culture as a resource to artists and art organizations.

**Green Museum:** (WEB Resource) [greenmuseum.org](http://greenmuseum.org), is a 100% volunteer run online museum of environmental art founded in 2001. Their goal is to inform, inspire and connect people through environmental art and encourage the creation of new work that serves communities and ecosystems.

**Cultura21:** (WEB Resource) The International Network of Cultura21 is engaged in fostering fruitful exchanges between the arts and the change process of sustainability. This platform links art groups, researchers, activists and existing networks working on topics related to the role of the arts for cultures of sustainability

**Alan Sonfist Official Website:** (WEB Resource) Alan Sonfist is an artist/designer who engages with natural landscapes to evoke the hidden narrative of the Earth. His vision and green art projects cross borders to inspire ecological sensibility and conservation.

**Global Tree Project:** (WEB Resource) Project site by SHINJI TURNER-YAMAMOTO "My work is about the discovery of the essential in nature and landscape. I work with handmade color from pigments and other materials I collect in locales from India to Italy and throughout the world. My work is inspired by my emotional reactions to specific event in landscapes.

**Canadian Museums Coalition of Museums for Climate Justice** (WEB Resource)  
Canadian museums are addressing climate action through the Coalition of Museums for Climate Justice

**Blog post "Six Considerations as Museum Studies Programs Take Climate Action".** (WEB Resource)

**Coalition of Museums for Climate Justice - Resources** (WEB Resource)

**Coalition of Museums for Climate Justice Facebook Group**  
Subscribe to the Newsletter at [Museums4Climate@gmail.com](mailto:Museums4Climate@gmail.com)

#### **4. Sustainability in SENRS –**

(Agriculture and Food Climate Change, Waste Management, Eco-systems; Water, Fisheries, Forests, Wildlife )

**The Seven Myths of Agriculture:** (WEB Video) This four minute video highlights seven common myths about conventionally grown food.

**8 Must-See TED Talks About Sustainable Food** (WEB Resource)

**Two Perspectives on Sustainable Agriculture:** (WEB Video) Taken together or apart, these two short videos show very different perspectives on what Sustainable Agriculture means. The **first video**, from Monsanto, shows a very conventional approach to agriculture, including GMOs, while the **second video** presents a view of agriculture from the perspective of a permaculture farmer in South America, providing a good starting point for discussion on what Sustainable Agriculture really means.

**Fleming's own Sustainable Agriculture Program:** (WEB Video) The Marketing video for Fleming's own Sustainable Agriculture program shows how there is a "growing" movement towards teaching and practicing Sustainable Agriculture with innovative programs right here at Fleming.

**Cuba: The Accidental Revolution:** (VIDEO) Examines the agricultural revolution from conventional to organic approaches undertaken in Cuba after the collapse of the Soviet Bloc in 1989. Lindsay Campus Library - Call #: S477.C9 C83 2006 DVD

**Food Inc.:** (VIDEO) Lindsay Campus Library - Call #: HD 9005

**Farms Inc.:** (VIDEO) Discusses the environmental and social impacts of factory farming, and the solutions offered by more ecological, organic and ethical methods of agriculture. Lindsay Campus Library – Call #: S 589.75 .C67 2004 (VIDEO 2415)

**The Global gardener with Bill Mollison:** (VIDEO) Australian naturalist and ecologist, Bill Mollison takes viewers on an inspiring and informative worldwide tour of four different regions/climate zones to show people how to use available sources to achieve sustainable agricultural systems in harmony with nature. Lindsay Campus Library – Call #: S494.5.P47 G56 1991

**Polyface Farm:** (VIDEO) Join entrepreneur and passionate farmer Joel Salatin as he explains balance and interconnectedness in the landscape, community, plants and animals. Hard hitting and practical, Salatin's explanations will revolutionize your thinking about food and farming in a proactive, can-do style. Both "how" and "why" unite in this information dense video that will impact your life as powerfully as any performance. Lindsay Campus Library – Call #: S589.7 2001 (DVD)

**How We Can Eat Our Landscapes** (WEB Video)

What should a community do with its unused land? Plant food, of course. With energy and humor, Pam Warhurst tells at the TEDSalon the story of how she and a growing team of

volunteers came together to turn plots of unused land into communal vegetable gardens, and to change the narrative of food in their community

**Chasing Ice:** (VIDEO) Documentary on photographer who chronicles the progression of climate change through melting glaciers – receiving world-wide acclaim for his work. Contact [Office of Sustainability](#) to access

**Arctic Meltdown: A Changing World:** (VIDEO) A three part series documenting the drastic changes in Canada's North. Environmentalists and scientists are working hard to minimize the impact of climate change in this snowy land. But for prospectors, the rush is on to claim the Arctic's gold, diamonds, oil and more. And it's not just Canadian entrepreneurs. Other Arctic nations are racing to claim control over the Arctic's resources and shipping routes. Lindsay Campus Library – Call #: QC 981.8 2009 EPI. 1

**The Climate Group Official Website:** (WEB Video) Official Website for The Climate Change group. The Climate Change Group works to spread awareness of climate change and providing examples of cases for business innovation.

**Leyla Acaroglu: Paper beats plastic? How to rethink environmental folklore:** (WEB Video) Most of us want to do the right thing when it comes to the environment. But things aren't as simple as opting for the paper bag, says sustainability strategist Leyla Acaroglu. A bold call for us to let go of tightly-held green myths and think bigger in order to create systems and products that ease strain on the planet.

**Groundwater: Our Hidden Treasure:** (VIDEO) The first part explains that groundwater is a source of clean water for millions of people and it's vital to many industries. It also plays an important role in sustaining the health of our rivers, lakes, streams and wetlands. The second part provides first-hand accounts from four very different communities in Ontario who have taken steps to develop a groundwater strategy. Important lessons are highlighted and key private and public organizations that can help put together a groundwater strategy are identified. Lindsay Campus Library – Call #: GB1030.O5 G76 1999 (VIDEO 2299)

**Fisheries beyond the Crisis:** (VIDEO) Fisheries around the world are fishing the oceans beyond their limit, causing thousands of once vibrant coastal communities to face extinction. Two fisheries in Canada and India are providing a model for sustainable development. Lindsay Campus Library – Call #: QH545 .F53 F675 1998 (VIDEO 2221)

**Fish Sustainability:** (VIDEO) An educational look at the variety of fish species on the east and west coasts of Canada including the types of vessels used for fishing. Discussion of commercial, sport and aboriginal fishing and their economic and environmental implications for today and the future. The diminishing cod and salmon fisheries are also discussed at length. Lindsay Campus Library – Call #: SH223 .F57 1997 (VIDEO 2375)

**Sustaining Our Forests - Forestry in International Development:** (VIDEO) Explains Canada's role in social and international forestry. Lindsay Campus Library – Call #: SD387 .S87 S877 1989 (VIDEO 2068)

**The Burning Question (Mountain Pine Beetle and Fire in our Forests):** (VIDEO) Discusses how fire suppression and climate change have caused the mountain pine beetle population to

recently explode in British Columbia. Take a look at the ecology of the mountain pine beetle and explore how humans can successfully protect people and wildlife living in the forests by setting controlled fires in forests to ensure forest health and long-term sustainability.  
Lindsay Campus Library – Call #: SD421.34 .C3 B87 2005

**Mission Blue (Initiative/Movement)** (WEB Resource)

As quoted by the Mission Blue website, "Mission Blue is a global initiative of the Sylvia Earle Alliance, a 501c3 organization, which was formed in response to Sylvia Earle's 2009 TED Prize wish. Dr. Earle urged people "to use all means at your disposal — films, expeditions, the web, new submarines — to create a campaign to ignite public support for a global network of marine protected areas; Hope Spots large enough to save and restore the blue heart of the planet." Currently, the Mission Blue community includes 50+ respected ocean conservation groups and like-minded organizations — from large multinational companies down to individual scientific teams doing important research." (About Us: Mission Blue)

**Sylvia Earle TED Talks** (WEB Video)

Sylvia Earle talks about how to protect the oceans. This talk was a TED talk prize winner

**Great Pacific Garbage Patch (SciShow Episode – 3:22 Duration)** (WEB Video) - Hank Green gives insight into the Great Pacific Garbage Patch/Vortex, The North Pacific Gyre, and the effect the garbage patch has had on the surrounding ecosystem.

**The Story of Bottled Water** (WEB Video) The Story of Stuff

A brief comparison of bottled water and tap water and the marketing strategies employed by the various companies that sell bottled water. Includes insight into taste tests and otherwise.

**Building a Sustainable and Desirable Economy in Nature in Society** (Web Report)

This is a report of the need to change economic indicators and develop a new vision for the economy and its relationship to the rest of the world

## 5. Sustainability in Business

### **Bay/Wall Street and Sustainability: Does your CSR Report Resonate with Investors?**

(ARTICLE) This two part article covers the Toronto Sustainability Speaker Series seminar that discussed the question, "Sustainability is important to companies but do investors notice or even care?" Topics such as "how companies can re-frame the conversation with investors to ensure a more accurate stock valuation" and "How money managers and analysts can sharpen their analytical skills to better assess the ROI opportunity of sustainability megatrends" are discussed in detail. For more insight into the reflection of sustainable development and its effect on a company's stock valuation, visit the overview of this seminar via the links provided below.

### **Unrequited Love – Corporate CSR Reports and the Capital Markets (Part I – Understanding the Disconnect)** (WEB Article)

### **Unrequited Love – Corporate CSR Reports and Bay Street Investors (Part II – Bringing government into the relationship)** (WEB Article)

**The 7 Sustainability Opportunities for Canadian Business in 2015** (WEB Report) Canadian businesses play a critical role in building resilient economies and communities. This report highlights opportunities for business to take decisive action towards positive change.

### **South African Business Sustainability Challenges and Research Opportunities 2014**

(WEB Report) The Value of Vision - this report identifies eight key challenges facing South African managers and opportunities for researchers to contribute insight and implementable guidance in sustainability knowledge and practice.

**Lean and Green - Integrating Sustainability into Your LEAN Thinking to Create Bottom-Line Business Value:** (RESOURCE) A PDF resource that gives insight into sustainability's integration with operational management. This presentation explains the concept of "Value-Stream Mapping" and how sustainability can be applied to all aspects of business in order to maximize profitability and productivity.

Please contact the Office of Sustainability at ext. 1165 or ext. 1065 or this resource.

**Bob Willard: Sustainability in Business & Future Careers:** (WEB Video) A quick "elevator pitch" on how sustainability fits into the major fields of business (Marketing, Accounting, and HR) by Bob Willard. Bob also quickly touches on sustainability in future business careers.

### **From Environmental to Business Leadership; Steve Howard IKEA:** (WEB Video)

With a PhD in Environmental Science and a background in leading Environmental NGOs, IKEA's COO for Sustainability, Steve Howard, talks about how he sees real potential for change in global corporations. From LED lighting and renewables, to sustainably sourced cotton and wood products to human rights, Steve talks about how IKEA is integrating sustainability into every aspect of its operations.

**GlobeScan Website:** (WEB Resource) Survey and polling company that provides insight on the global perspective of sustainability through global surveys on Sustainability and Corporate Social Responsibility.

**The Tourism & Environment Partnership Putting the Pieces Together:** (VIDEO) Looks at the partnerships of government, community, business and tourists.

Features the Harmony Resort in the Virgin Islands that was developed by Stanley Selengut. Sustainable development is defined as maintaining the potential for growth and expansion, at the same time, not depleting the basic resources that are left with us in trust. Brealey Campus Library – Call #: G155.A1 T56463 1994

**Eco-preneurs: Business Goes Green:** (VIDEO) Fortune Hunters scoured the country coast to coast looking for eco-entrepreneurs. In Montreal, meet Michael Keeffe, hunting his fortune with +1 Water, the first bio-degradable water bottle, made from corn. In Toronto, catch up with Howie Chong, and his company Carbon Zero, working to make a lucrative venture out of carbon offsetting. And in Vancouver, follow the fortune hunters with the most dramatic story – Laura Lee Normandeau and Geoff Baker owners of an eco-friendly carwash that's in hot water. Brealey Campus Library – Call #: HF5413 .E367 2008

**B.U.I.L.D. & Warm-Up:** (WEB Videos and Resource) The B.U.I.L.D. Program (Building Urban Industries for Local Development) is based in Winnipeg and offers employment and training to at-risk people to conduct efficiency retrofits in low income neighbourhoods with significant economic, social and environmental results.

### **The Value of Urban Forests in Cities Across Canada (TD Special Report):**

(WEB Article Pdf) This special report, by TD Canada Trust, explores the multitude of benefits that are provided by urban forests across Canada. Economic benefits such as carbon sequestration, energy savings, and air quality savings are broken down by value and sequentially by tree. This document is a great resource to show the economic benefits of urban forests in cities.

### **Sustainable Accounting: Chartered Accountants Resources:**

Increasingly, Chartered Accountants are identifying sustainability issues as business risks and are including metrics for Sustainability in their reports. The first document link below is a survey of 2000 CEOs on their views of sustainability and why they are integrating sustainability into their operations while the second document link provides detailed advice to businesses on how to account for Sustainability in their operations. The short video from Steamwhistle Brewery is a great visual example.

**Evolution of corporate sustainability practices - CICA** (Web Resource)

**Sustainability: Environmental and Social Issues Briefing – CICA** (WEB Resource)

**CGAs see more than numbers – Steamwhistle Brewery** (WEB Video)

## **Guest Speakers**

**Sybil Taylor, Steamwhistle Brewery:** Sybil spoke to classes on everything from sustainability accounting, to human resources to operations. She can be reached at [sybil@steamwhistle.ca](mailto:sybil@steamwhistle.ca).

**Living Planet @ Work** (WEB Resource) Fleming is a member of the Living Planet @ Work. This innovative program provides the strategic guidance, green business ideas, free tools and support to empower and engage employees so they can drive sustainable practices at work.

## 6. Sustainability through Community Development and Justice

**B.U.I.L.D. & Warm-Up:** (WEB Videos and Resource) The B.U.I.L.D. Program (Building Urban Industries for Local Development) is based in Winnipeg and offers sustainable building practices such as: the Warm-Up program which reduces energy consumption and provides energy savings in lower income neighbourhoods and provides employment and training to at-risk people.

**Sustainable Lives, Attainable Dreams:** (VIDEO) Presents three countries-Indonesia, Kenya and Mexico--that are struggling with rapid population growth. Shows how over consumption in the U.S. contributes to global environmental problems and how these problems might be solved. Lindsay Campus Library – Call #: HD79.E5 S8772 1994 (VIDEO 1909)

**Chicago: City of the Big Shoulders:** (VIDEO) Scott Simon interviews a group of inspirational environmental activists from various backgrounds who are dedicated to the greening of Chicago. The 24-acre Millennium Park, City Hall Roof Garden, Green Roof Initiative, and an outdoor classroom and nature preserve at Elgin High School are among the projects highlighted Lindsay Campus Library – Call #: F548.52 .C43 2006

**Cities:** (VIDEO) Looks at urban sustainability and asks, "If sustainability is such a good thing why is it so hard to get there?" Featuring a look at the remarkable urban policies of Curitiba, Brazil and featuring Jane Jacobs, Bill Rees, Bill McKibben and others. Lindsay Campus Library – Call #: HT165.5 .C57 2000 (VIDEO 2347)

### **The Our Canada Project (OCP)**

(WEB Resource) The OCP (Our Canada Project) is an idea sharing and resource website for Canadian youth. The website allows young Canadians to share and promote sustainability initiatives via an online tracking system that monitors various projects across Canada. Sustainability-oriented projects are tracked and represented by their area of focus (Cultural, Economic, Environmental, and Social).

## **7. Health and Wellness**

**Healthy Child Manitoba:** (WEB Video) This video (under 10 minutes) describes an initiative where eight government departments joined together to focus on Early Childhood Development taking a long term view of the Health and Social benefits of investments in the early years.

**Canadian Coalition for Green Healthcare:** (WEB Resource) The Canadian Coalition for Green Health Care has membership ranging from the Canadian Medical Association and the Canadian Nurses Association to the David Suzuki Foundation with programs and projects across Canada and Ontario- including a local foods initiative at Ross Memorial Hospital in Lindsay. Their website offers a myriad of resources for sustainable best practices for health care facilities.

### **The Chief Public Health Officer's Report on the State of Public Health in Canada, 2014: Public Health in the Future**

(WEB Resource) This report outlines the current status of public health in Canada. This official report also looks into potential future health concerns, including climate change impacts, and additional associated items.

## 8. Sustainability in Trades and Technology

**B.U.I.L.D. & Warm-Up:** (WEB Videos and Resource) The B.U.I.L.D. Program (Building Urban Industries for Local Development) is based in Winnipeg and offers sustainable building practices such as: the Warm-Up program which reduces energy consumption and provides energy savings in lower income neighbourhoods and provides employment and training to at-risk people.

**The Zero Carbon House:** (WEB Resource) House located in Scotland that claims to have a zero carbon footprint. Contains schematics of house design and also information on how to get involved in the "Zero Carbon House Project".

**10 Sustainable Houses That Will Make You Crave a Simpler Life** (WEB Resource)

**Three of the World's Most Sustainable Commercial Building Designs:** (WEB Resource) Features 3 of the world's most sustainable commercial buildings (The Change Initiative, Pixel, and the Z6 House). The buildings featured in this article are also some of the highest scoring LEED buildings in the world.

**Inhabitant:** (WEB Resource) Myriad of resources for Sustainable Architecture, and examples/articles of such, can be found here.

**Builds Green** (Web Video)

In a short, funny, data-packed talk at TED U, Catherine Mohr walks through all the geeky decisions she made when building a green new house — looking at real energy numbers, not hype. What choices matter most? Not the ones you think.

**Build Green:** (VIDEO) Canada's best architects hype their green creations. From retro-fitting a hip old Montreal housing complex with state of the art sustainable energy systems, to pitching hay for straw-bale houses, to building transportable "mini-homes" with their own small power plant, take a close look at the materials and means we can all adapt for building green homes. Lindsay Campus Library – Call #: TH4860 .B85 2007

**Green Architecture: Environmentally Friendly Housing / Shopware:** (VIDEO) Combining aesthetics, sustainability, and function is the challenge of green architecture -- and 20 teams of college students from North America and Europe brilliantly rise to that challenge as they compete to design, build, and demonstrate the operation of the most attractive and energy-efficient house at the 2007 Solar Decathlon held in Washington, D.C. Haliburton Campus Library – Call #: NA2542.36 .G735 2008

**Straw Bale Construction: The Elegant Solution:** (VIDEO) Gives a tour of early 20th century straw bale construction as existing homes and buildings. Covers the meeting of a group of people recently involved in building a variety of straw bale buildings, these people share their experiences and express appreciation for the form and the idea of inexpensive, sustainable building materials. Lindsay Campus Library – Call #: TH4818 .S77 S77 1992 (VIDEO 2009)

**Fleming's Own Sustainable Building and Design Program:** (WEB) Fleming is the first College in Canada to offer a Sustainable Building Design and Construction program. The 20-week program, based out of the Haliburton Campus, is an intensive, hands-on experience where

up to 26 students from across Canada will construct a new sustainable building, showcasing green building technologies and new energy-saving techniques. Unfortunately this program is not currently being offered.

**Become More Efficient: Energy Efficiency Tips (Website) – A Myriad of Tips here!**

(WEB Resource) A myriad of energy efficiency tips for use in everyday life. A range of easy, medium and hard to accomplish tips, this part of the Switch website will provide great insight on how to be more energy efficient in by making changes in your everyday routine.

**Switch Website** (WEB Resource)

As quoted by Switch's Mission Statement, "Build a baseline understanding of energy. Transform the energy conversation, from polarized to practical. Promote efficiency and conservation." (About Us: Switch). The Switch web site promotes and provides a myriad of information regarding energy efficiency, proper use, and general information. Also includes current news about energy use, and the industry in general, from around the world.

## 9. Sustainability & Traditional Knowledge

**Stewardship of the land:** (VIDEO) Describes the importance of conserving our natural resources. Balancing the requirements of man and environment are becoming vitally important. Poaching and destruction are major concerns. Lindsay Campus Library – Call #: QH 77

**Sila Alangotok: Inuit Observations on Climate Change:** (VIDEO) This video documents the impacts of climate change from an Inuvialuit perspective." "This video is one of the outcomes of a year-long project initiated by the International Institute for Sustainable Development and the Hunters and Trappers Committee of Sachs Harbour to document the problem of Arctic climate change and communicate it to Canadian and international audiences. Lindsay Campus Library – Call #: QC985.5.N72 S32 2000 (VIDEO 2395)

**Indigenous Environmental Studies Program:** (WEB Resource) The Indigenous Environmental Studies Program is an innovative program at Trent University. IES is a collaboration between the Department of Indigenous Studies and the Environmental and Resource Science/Studies Program, and is designed to give students the necessary skills and knowledge to work in the growing field of Indigenous environmental issues.

**Indigenous Knowledge & Sustainability:** (WEB Resource) This module illustrates ways that indigenous knowledge may be integrated into education & thereby, bring the benefits of helping to 'sustain' indigenous knowledge & societies to all. It also encourages teachers and students to gain enhanced respect for local culture, its wisdom and its ethics, & provides ways of teaching and learning locally relevant knowledge & skills.

**Teaching for Ecological Sustainability Incorporating Indigenous Philosophies and Practices:** (Resource Doc) How schools and teachers can incorporate Indigenous ecological perspectives in environmental education

**Traditional Knowledge In Sustainable Development And Resource Management:** (WEB Document Pdf) The LINKS project integrates local and indigenous knowledge, practice and worldviews into sustainable development and resource management processes, such that rural communities become active partners in defining development targets, priorities and means. It focuses on the needs of traditional knowledge holders, both men and women, including both elders and youth.

**The Sustainability Movement is Thriving:** (WEB Resource Article) The Sustainability Movement is growing across all fields of business. Within this article, insight is given into how sustainability is expected to evolve in all fields of business as well as in the world of post-secondary institutions.

## 10. Sustainability, Community Initiatives and Potential Partners

**Sustainable Peterborough:** (WEB Resource) A resource for local community action, potential partners and sustainability information. **The Sustainable Peterborough (SP) Plan** links the actions that our community Partners in the Greater Peterborough Area are doing or planning to do with our Vision, Goals, and Strategic Direction to become more sustainable. Partners will link their actions to at least one Theme and one Strategic Direction, as well as set their own targets associated with each action to ensure realistic and achievable targets.

**Peterborough Green-Up:** (WEB Resource) A resource for partnerships, information and guest speakers. "For more than 20 years, GreenUP has been central and eastern Ontario's leading organization focused on issues of environmental education, sustainability, and stewardship. A registered charity, we partner with individuals, businesses, other non-profit organizations and governments. Together we work to ensure that our region maintains its long standing track record of environmental leadership in Ontario and across Canada."

**KWIC:** (WEB Resource) The Kawartha World Issues Centre (KWIC) is a grassroots and charitable Global Education and Resource Centre which promotes dialogue and understanding of world issues to enable people to engage in positive social and environmental change.

**ORCA:** (WEB Resource) The Otonabee Region Conservation Authority (ORCA/Otonabee Conservation) is a community-based environmental agency that protects, restores and manages the natural resources within the Otonabee Region watershed. Otonabee Conservation works with its eight member municipalities to create a healthy, environmentally diverse watershed that improves the quality of life for residents, makes our area more appealing to visitors and new business, and helps to ensure a more vibrant regional economy.

## **11. Faculty Curriculum Development Resources**

### **UNESCO Resources on Teaching and Learning for a Sustainable Future**

UNESCO developed a website to assist academics with professional development. There are 4 themes on the website: Curriculum Rationale, Sustainable Development across the Curriculum, Contemporary Issues and Teaching and Learning Strategies