

Eco Connections Newsletter October 2016

Welcome!

Below you will find **events** (starting on page 2), **jobs postings** (page 6), **opportunities** (page 10), **and lots of news** (page 16). Eco Connections is published on a monthly basis around the middle of each month. To have your submissions included or to receive the Eco Connections directly, email: <u>nsenvironmentalnetwork@gmail.com</u>.

Get in touch!

Facebook page: <u>www.facebook.com/NovaScotiaEnvironmentalNetwork</u> Website: <u>http://nsenvironmentalnetwork.com/events</u> Email: <u>nsenvironmentalnetwork@gmail.com</u>

Update:

NSEN and Members have recently met with Department of Environment Minister Margaret Miller. We discussed the key highlights of the organizations present and the value of NSEN. This is the first meeting with the Minister of the Environment since 2012 and we hope that further relationships will develop from this meeting.

Membership: Membership Matters!

We look forward to new and renewing members' input on issues of importance to you. We know that NSEN can be a conduit and resource hub for your concerns and an opportunity to communicate with others in order to create the political will for a healthier environment in Nova Scotia. Please feel free to write to the newsletter in these regards.

STAND UP AND BE COUNTED

Renew your membership, let your fellow organizations know about us! The bigger our numbers, stronger our voice! There is a lot of enthusiasm for re-energizing the network, membership is key. If your membership has lapsed please renew or if you know of other organizations who are new or newly forming please encourage them to renew. **Do you see your events listed below? Then please support the work!** ^(C)

We would like to reemphasize that numbers count- the number of organizations and number of members per group. Please let us know of your membership numbers since this is a number we can show put a high priority on the environment. There are many opportunities for open dialogue and working in partnership across the province. Help us build our numbers and expertise. JOIN TODAY! See details of benefits and how to join here: http://nsenvironmentalnetwork.com/how-to-join.

**We'd like to thank our newest members: Hike NS www.hikenovascotia.ca!

Looking for board members: We're looking for you! NSEN is looking to expand the board. Having a board is the cornerstone of a strong network and NSEN is obviously a province-wide organization and we would like this province-wide reach of the network to be reflected in the makeup of our board! It's easy to join in via teleconference. We encourage participation from members from all regions of the province. Be in touch with me and I'll send your email to the board: <u>nsenvironmentalnetwork@gmail.com</u>.

Specifically we're looking for those interested in being:

- Note taker
- Membership Coordinator
- Fundraiser

NSEN CAUCUSES

Climate Change Caucus:

If you would like to get involved in helping to shape Canada's response to climate change, join NSEN's Climate Caucus. We want to get started on this important work now to be ready for the roll out of initiatives expected this fall. Province-wide representation is needed if we are to be successful in meeting our climate commitments. Teleconference is available to facilitate participation from all regions. Contact Heather Johannesen: <u>heatherj@ns.sympatico.ca</u> to sign up! Check out NSEN's Climate Caucus webpage: <u>https://nsenvironmentalnetwork.com/about/caucuses/climate-change</u>

Water Caucus:

The next NSEN Water Caucus conference call is on **Thursday October 27th at 1pm**. Be in touch for more info: Amy Buckland-Nicks: <u>amy@coastalaction.org</u> and Kelly Schnare <u>kellyb@sierraclub.ca</u>.

Environmental and Sustainability Education Caucus:

Like the Caucus on Facebook! www.facebook.com/Environmental-and-Sustainability-Education-Caucus-ESEC-

<u>215913805454788</u> ! Once you click the page, you can hit "like" and then it will allow you to 1) post to the page, if you want to share upcoming events/info/etc., and 2) see everything that's posted to the page in your newsfeed.

The purpose of the Facebook page is to further the ESEC's primary mission of raising the profile of environmental education in NS, increasing communication and connecting environmental educators.

See more of the members of the ESE Caucus here: https://nsenvironmentalnetwork.com/about/caucuses/esec/

Other Caucuses: Find out how you can get involved: <u>http://nsenvironmentalnetwork.com/about/caucuses/</u>

Upcoming Member Events & Events of Interest

October

What: Fix-it Fair

Where: Halifax Central Library, Lindsay Room (second floor)

When: Wednesday, October 19 from 6:30pm-8:30pm

Why: In celebration of the 20th anniversary of <u>Divert NS</u>, and as part of national <u>Waste Reduction Week</u>, we're hosting a Fix-it Fair! Join free workshops on upcycling and repurposed art, learn how to fix things, meet local businesses in the business of fixing and repurposing, and bring your own broken things to see if our experts can fix them for you! Plus, you can put your name into a free draw to win a previously-loved bicycle, made like new again on-site by Bike Again. The Fix-it Fair will take place on the second floor of the Halifax Public Library, in the Children's section, on **Wednesday**

October 19, from 6:30pm-8:30pm. All are welcome!

Link for more info: <u>http://clean.ns.ca/fix-it-fair</u>

Symposium 2016 - Moving Towards Sustainable Energy

October 20-21 | Westin Hotel | Ottawa, ON

Symposium 2016 will bring together distinguished leaders and innovators to address critical sustainable energy issues: the future of the electricity grid, carbon pricing, energy storage, health implications, bioenergy, sustainable transportation, and ways to mobilize Canadians to embrace the greener and cleaner economy of tomorrow.

A sample of confirmed speakers include:

- Hon. Jim Carr, Minister of Natural Resources Canada
- Merran Smith, Director, Clean Energy Canada
- Mark Jaccard, Energy Economist / Professor of Sustainable Energy, Simon Fraser University
- Andrea Reimer, Vancouver City Councillor / Lead Councillor on award-winning "Greenest City Action Plan"
- Linda Coady, Chief Sustainability Officer, Enbridge
- Annette Verschuren, Chair and CEO, NRStor Inc.
- Hon. Sergio Marchi, President and CEO, Canadian Electricity Association
- Celine Bak, Founder and CEO, Analytica Advisors
- Paul Crowley, Director, WWF-Canada's Arctic Program

We are pleased to announce iPolitics as the event's official media partner.

Symposium 2016 will also include a special Hill Times Live Event on energy policy on Day 1 - October 20. For details and registration, visit our site.

RE-CONNECTING WITH NATURE WORKSHOP

Truro Oct. 21

The Re-Connecting with Nature workshop is a hands-on day of adventure to improve your ability to lead and share an appreciation and understanding of nature with children and youth. It will take place in Truro on October 21. The workshop cost is \$50, \$40 for paid members of Hike NS or \$25 for parents and volunteer leaders. It is offered through Hike Nova Scotia in partnership with the Nova Scotia Department of Communities, Culture and Heritage with support from Acadia University. To learn more and to register go to http://events.r20.constantcontact.com/register/event?oeidk=a07edadsjm6494006a3&IIr=imsl66dab

FIELD LEADER - OVERNIGHT MODULE

Economy Oct. 22-23

A Field Leader – Overnight module will be offered in Economy onOctober 22 and 23. Participants receive Outdoor Council of Canada(OCC) national certification. A pre-requisite to the course is at least one OCC Field Leader course. All of the instruction is outdoors, including an overnight hiking trip. The cost is \$125 (\$115 for current paid Hike NS members and \$100 for Duke of Ed leaders). The course is offered through Hike Nova Scotia in partnership with the Nova Scotia Chapter of the OCC and supported by the Nova Scotia Department of Communities, Culture and Heritage. For more information, go to http://www.hikenovascotia.ca/projects/leadership-hiking-course/.

ClimaCon 2016: October 24 - 26 / Ottawa, ON

As the Canadian climate movement greets a defining moment in the history of Canada's action on climate change and environmental justice, Climate Action Network - Réseau action climat Canada<<u>http://climateactionnetwork.ca/</u>> is thrilled to launch ClimaCon, an annual event for people from every corner of the climate movement to come together, learn, share stories, build relationships, and have fun.

ClimaCon 2016 will take place in Ottawa, Ontario on Monday, October 24th and Tuesday, October 25th, with a lobby day organized for Wednesday, October 26th. CAN-Rac's Annual General Meeting (AGM) will take place on one of these days. ClimaCon 2016 is FREE to attend. All are welcome. Register here: <u>https://climacon-2016.ticketbud.com/climacon-2016-4548e9145a49</u> or by following the links at <u>www.climacon.info</u>

We are in the process of building our agenda and need your input! Take 8 minutes to fill out this quick survey so we know what topics you're most interested in learning about and which skills you're most interest in building at ClimaCon 2016: <u>https://www.surveymonkey.com/r/2R5LTKV</u>. We're so excited to see you there!

NS Wild Flora Society Board will host the following presentation in the auditorium of the Nova Scotia Museum of Natural History, 1747 Summer Street, Halifax:

Monday Oct 24, 2016 at 7:30pm

Oak Drumlins of the Chebucto Peninsula

Speaker: David Patriquin

Oak-dominated woodlands occur on many of the drumlins on the Chebucto Peninsula. Most stands are less than 50 years old, dating back to an era of frequent fires. For more details please go to: <u>http://nswildflora.ca/programme.html</u>

What: "Carbs and Carbon:" Yummy Homemade Doughnuts with A Film Showing of Documentaries, "Carbon" (with Leonardo DiCaprio) "Carbon Crooks"by Tom Heinemann and an animated graphic explaining the fairest, simplest and least expensive way to price carbon--carbon fee and dividend

When: October 28 3-4 p.m. meet, greet and eat 4-6 p.m. learn about carbon pricing

Where: BMO Room, Halifax Central Library, Spring Garden Road

Who: Citizens' Climate Lobby Halifax, a not for profit international organization focusing on carbon fee and dividend **Why**: so Nova Scotians can learn about the economic, financial and environmental opportunities of a revenue neutral carbon fee and dividend

Preparing for the Zombie Apocalypse: Up!Skilling Festival & Expo

October 29 @ 9:00 am - 5:00 pm \$20. Tantallon

We live in uncertain times. Who knows when the world as we know it well might take a dramatic shift. Without electricity how long can you and your family keep securely in terms of food, heat, and everything? What happens if the petrochemicals run out? Those old traditional skills our grandparents and their grandparents relied on to get them through without the modern conveniences we have today might be urgently needed. Besides, these skills are a joy to learn and practice at any time! They uplift and empower us while providing great joy.

Whether it be skills for building, or entertaining, or food growing and preparation, or safety, or forms of energy we could personally access, we are looking for presenters who can help us all build the community some old-time skills – and have fun while doing it.

The format will be small group presentations, with multiple presentations operating concurrently. Each presentation will last 60 to 90 minutes so you can attend a delightful variety. If you are interested in presenting, please contact info@transitionbay.ca Are you in? Wear a costume for extra fun if you wish! So far, we have the following events, skills, and presentations for all ages to enjoy and learn from: **Knitting Socks** Water Bath Canning **Cooking from Scratch** Wild Plan Edibles Living our Values (workshop) Drumming & Voice for Interactive Community Building & Healing **Porcupine Quill Artistry** Natural Bee-keeping **Introduction to Hen Keeping** More to come !!! Snacks and hot drinks provided. Nourishing lunch offered for \$10. St. Luke's United Church Lower Hall, 5374 St. Margarets Bay Rd,, Upper Tantallon. Updated information at: http://www.transitionbay.ca/ or from info@transitionbay.ca

November and onward...

Nature Trust 19th Annual Dinner & Auction

A visual exploration of nature raising critical funds to help us protect Conservation Lands Nova Scotia Hear renowned environmental conservationist Peter Forbes speak about the unique relationship between people and land. Thursday, November 3rd, 2016

Tickets: visit <u>nsnt.ca</u>, or call (902) 425-5263 Details and updates: <u>nsnt.ca/newsevents/dinner</u>

Food Law & Policy Conference 2016

November 3-4, 2016

Halifax The Schulich School of Law at Dalhousie University and Food Lawyers of Canada are bringing together national and international leaders from the field of food law and policy at a two-day conference in Halifax to explore law's changing role

in Canadian food systems.

Join over <u>40 presenters</u> speaking on a range of topics including food safety, sustainable food systems, food security, animal rights and welfare, food labelling and global trade. Our keynote speakers include award-winning chef and food justice advocate <u>Bryant Terry</u>, who is currently Chef-in-Residence at the Museum of the African Diaspora in San Francisco, <u>Ronald</u> <u>Doering</u>, former President of the Canadian Food Inspection Agency and counsel at Gowlings WLG, and <u>Michael Roberts</u>, Executive Director of the Resnick Program for Food Law & Policy at the UCLA School of Law. Register Now!

This conference will be the first national event of its kind on food law and policy in Canada. Don't miss the chance to be part of an exciting new network of practitioners, researchers and policy-makers who will help to shape the direction of this emerging field. We look forward to welcoming you to Halifax in November.

A Regional Conference on New Economics for Rural Canada

Local Prosperity 2016 November 3-6, Miramichi, New Brunswick Full details here: <u>www.localprosperity.ca</u>

A Time to Play with Kim Hunter

Screening and Workshop Early Childhood in an Outdoor Setting November 4, 5 2016 South Shore Waldorf School 64 School Rd. Blockhouse Kim Hunter, the film's director and producer, has been working with young children her whole life, but formally in the classroom for the last two decades. She received an Excellence Award in Early Childhood from the Federal Government in 2015. <u>http://www.timetoplayfilm.com/</u> Further info: <u>www.waldorfns.org</u>

Cultivating the Heart of Compassion: A One-Day Contemplative Workshop

November 12, \$100, Tantallon

The need for compassion in our personal and societal lives is increasingly evident. In the past several years training programs, based in ancient wisdom and modern science, have been developed that help bring forth the compassion inherent in all human beings.

Over the past year we have been offering a series of three-hour interactive, experiential workshops to explore concepts and practices in compassion training. These workshops have been highly successful and many participants have asked for a longer workshop to allow a deeper exploration.

We are, therefore, pleased to announce a new one-day workshop, including:

More in depth presentations about key practices and concepts

Increased direct experience with contemplative practices that cultivate compassion

More time to share our experience and questions.

Facilitators: David Whitehorn, Kim MacAulay, and Jim Torbert, Directors, Waves of Compassion and the Atlantic

Contemplative Centre

Location: St. Luke's United Church, Tantallon.

Cost: \$100 (lunch provided). A generosity policy applies so that anyone interested can participate, regardless of ability to pay. Volunteer help encouraged.

Please arrive at 8:30 to register and be seated for a 9 AM start.

Pre-registration: Please use the following link to register:

For questions please contact: jtorbert@eastlink.ca

For more information: Waves of Compassion and the Atlantic Contemplative Centre

Snacks and hot drinks provided. Nourishing lunch offered for \$10. St. Luke's United Church Lower Hall, 5374 St. Margarets Bay Rd,, Upper Tantallon.

Updated information at: <u>http://www.transitionbay.ca/</u> or from <u>info@transitionbay.ca</u>

An incredible opportunity for those passionate about sustainability and wanting to make a difference in their community is coming to Atlantic Canada.

IMPACT! Youth Sustainability Leadership Program will be in Moncton this fall! We encourage young leaders from New Brunswick, Nova Scotia, PEI, and all Atlantic regions to apply: please help us spread the word about this opportunity. Region: Moncton, NB (Including Atlantic Canada)

Workshop Date: November 25 - 27, 2016

Application Deadline: October 30, 2016

For more information, please visit:

https://www.impactyouthsustainability.ca/training

Developing sustainability leaders

This program supports young leaders to catapult their sustainability ideas forward. Participants deepen sustainability understanding, build leadership skills, and develop or advance meaningful sustainability projects and social enterprises to address the environmental, social, and economic challenges facing our world today

An experience you'll never forget: apply today

Passionate, motivated, university/college students or recent grads, aged 19-30, are invited to apply. The program includes:

- 3 days of in-person training & networking events
- 4 months of mentorship, coaching, co-working space & helpful tools
- Exclusive seed funding opportunities

The workshop will be delivered bilingually with facilitation in both French and English. Participants will be encouraged to speak the language of their choice in the session as well as encouraged to practice their French or English if they wish. Thanks to generous funders and partners, the highly-subsidized cost to participate is a \$100 commitment fee, and entrance fee bursaries are available to ensure this fee is not a barrier.

So what are you waiting for? The time for action is now.

Changemakers wanted: spread the word

Please help us reach the current and emerging young leaders in your network.

Here are some suggested social media messages:

Twitter: Ideas for a better community in #Moncton area? Incredible opportunity this fall: training, funding, coaching -Apply @ <u>http://bit.ly/2crLq1L</u>

Facebook/Linkedin: Incredible opportunity for young leaders in #Atlantic Canada: Gain training, network, tools, mentorship & funding to lead sustainability projects and social enterprises. Apply by Oct 30 @ http://bit.ly/2crLq1L

If you are interested in exploring opportunities to collaborate with us, please contact me today.

We're also running a session in Vancouver, BC from November 19 - 20. Please help us spread the word to your contacts in BC! <u>http://www.naturalstep.ca/impact/vancouver</u>

IMPACT! is an initiative of The Co-operators and The Natural Step Canada, delivered with support from Futurpreneur Canada, Social Delta, and more.

Thanks for helping us make a difference in the community!

Amanda Hachey

Facilitator

ahachey@naturalstep.ca

NAVIGATION MAPS & COMPASS COURSE

Sydney Nov. 19-20

Halifax Dec. 3-4

The Navigation Maps & Compass course will be offered in Sydney on November 19 and 20 and in Halifax on December 3 and 4. Participants receive Outdoor Council of Canada (OCC) national certification in Navigation Maps and in Navigation Compass. The cost is \$100 (\$90 for current paid Hike NS members). The course is offered through Hike Nova Scotia in partnership with the OCC and supported by the Nova Scotia Department of Communities, Culture and Heritage. For more information, go to http://www.hikenovascotia.ca/projects/leadership-hiking-course/.

Job Postings:

Wanted - caretakers for our rural property on North shore of NS for 2017

Position: Organic Farm Caretakers

Type: work-stay / volunteer / self-employment

Organization: Windy Mountain Road Farm

Location: North Shore, Nova Scotia, Canada (live-in)

Are you in a situation where you are wanting to live the rural farming (or similar) life but are unable to afford to purchase or lease land?

We have an amazing opportunity for interested person(s), ideally suited to a couple or two single people. We are seeking caretakers for our farm while we volunteer overseas. We are located between Pictou & Tatamagouche. We are offering a place to stay for free while we are away in exchange for taking care of our chickens, dogs, cats and our place. We have a modest 2 bedroom home, wood stove heat, solar power for most our electrical needs, several small greenhouses and other infrastructure. We have 2 asparagus beds that one person can maintain (weeding!!), with one bed that can be harvested and produce sold in order to garner some income.

We are offering folks the chance to try their hand at market gardening/small scale farming (using non-agribusiness methods, so essentially organic methods) for the 2017 season. We have the land & equipment that would be needed. You will need your own vehicle. The only costs to be covered by caretakers would be their food & utilities (phone & internet, electricity, some propane for cooking, some wood for woodstove). We are looking for folks who are seeking to live a self-sufficient, environmentally sustainable lifestyle. You must demonstrate your familiarity and thus interest in permaculture, transition town and preppers. Some experience with farm animals and simply a love of animals is required. Experience with woodstove heat is also necessary. References will be required as well as a security deposit. Unfortunately you can't have your own pets as we are a full house with our own and this is non-negotiable. Only serious inquiries please. Contact Wilma at <u>wwolfvan@yahoo.com</u> and provide your phone number in order for me to contact you.

Position: Sustainable Transportation Coordinator

Organization: Ecology Action Centre Location: Halifax, Nova Scotia ORGANIZATION

Since 1971, the Ecology Action Centre (EAC) has been working to build a healthier and more sustainable world. We are proud to be a member-based organization with over 4,500 members and more than 300 volunteers. Our areas of focus include Built Environment, Coastal & Water, Energy, Food, Marine, Transportation and Wilderness.

THE POSITION

EAC is seeking an experienced sustainable transportation advocate to advance municipal and provincial policies and strategies and to support and enhance programs. The Sustainable Transportation Coordinator will be a central part of EAC's 5-person transportation staff team. The overarching goal of the position is to build capacity in Nova Scotia for more people to safely use active transportation (AT) as well other forms of sustainable transportation. The position reports to the EAC's staff directors.

RESPONSIBILITIES

Policy and Advocacy

• Provide municipalities and others with resources, presentations and other supports in the implementation of AT policies, plans, infrastructure and programs

- Support the implementation of key AT policies, strategies and plans
- Work with regional and provincial AT committees
- Respond to current AT issues in traditional and social media
- Support the EAC's and DalTRAC's share-the-road campaigns
- Work on broader sustainable transportation policy, strategy and planning

Program Development

• Research and develop a new AT achievement program for schools and other community partners to measure their AT involvement

- Create a Measuring AT in Nova Scotia best practices resource
- Explore how our AT programs can better integrate and support our provincial and regional goals to increase the physical literacy and activity levels among citizens and promote their lifelong mental and physical well-being

• Take a leadership role in program fundraising

General

- Support the Sustainable Transportation Action Team volunteer group
- Support other EAC active transportation projects as required
- Participate in and support the overall work of the Ecology Action Centre

QUALIFICATIONS

REQUIRED

- A passion for sustainable transportation and a commitment to high-calibre program delivery and development
- Strong knowledge of sustainable mobility (primarily active transportation) options and benefits for citizens
- Knowledge of relevant Nova Scotian policies and policy development practices
- Considerable experience with program delivery, development and evaluation
- Proven track record in fundraising and grant writing
- Experience working with and providing community support
- Excellent communication skills: networking facilitation, public speaking, writing

• Proven skills as a relationship builder; able to provide leadership on complex issues, build allies, and work effectively with diverse stakeholders

- Ability to work independently and effectively manage multiple tasks and prioritize
- Persistent, diplomatic, creative, optimistic, with a team-oriented approach
- Computer literate in Word, Excel, internet, email and file/data management

• Willing to work occasional evenings and weekends and willing to travel within NS (CarShare available with the position) DESIRABLE

• Degree and/or relevant experience in any of the following fields: education, community development, planning, health and recreation

- Media savvy with strong social media acumen
- Experience working with underserved individuals and groups
- Experience working in non-profit, volunteer-driven environments
- Experience with collective impact approaches and/or development evaluation
- Relationships with Mi'kmaq and African-Nova Scotian communities

TERMS OF EMPLOYMENT

32 hours/week at \$22/hour for 33 weeks (until approximately the end of May, 2017). Pending funding results the hours and duration of the contract may increase.

LOCATION

Halifax, Nova Scotia in EAC's wonderful green office – one of the most energy efficient office buildings in Canada. TO APPLY

Email, as one document, a cover letter, resume (of no more than 2 pages) and three references to the following:

Julian West, Making Tracks Coordinator Ecology Action Centre <u>mt@ecologyaction.ca</u>

Application Due Date: Noon, Friday, October 28, 2016

No calls please. We thank all applicants for their time and interest, however only candidates chosen for an interview will be contacted.

The Ecology Action Centre is committed to employment equity and encourages applications from individuals in traditionally marginalized groups such as: racialized people, Indigenous people, lesbian, bisexual, gay, transgender and queer people, and persons with disabilities. We encourage applicants to self-identify in their cover letter or application if they are a member of a marginalized community. Diversity is a stated value of the Ecology Action Centre. Moreover, diversity in the EAC community is a strength that we seek to cultivate. It is the responsibility of every employee of EAC to foster a culture that embraces and promotes diversity.

Position: Consultant - Energy Efficiency and Renewable Energy

Organization: Dunsky Energy Consulting

Location: anywhere in North America

Dunsky Energy Consulting (<u>http://www.dunsky.com</u>) is a mission-driven consulting firm specialized in sustainable energy strategies. We help our clients – primarily North American energy utilities, governments, private firms and non-profits – build a more sustainable future by assessing market-wide energy efficiency and renewable energy opportunities; by designing programs, policies and strategies to accelerate their adoption; and by evaluating (and improving) performance. YOU

You are smart, committed, personable, and experienced. Our ideal candidate brings:

- directly relevant experience in energy efficiency and renewable energy programs, plans or evaluation;
- superior (English) writing and presentation skills;
- strong analytical skills;
- strong interpersonal skills and ability to work with clients and in a team;
- project management experience;
- a background in sustainable transportation policy, programs and technologies is an asset;
- bilingualism (French & English) is an asset; and
- a strong desire to contribute to a better world.

RESPONSIBILITIES

At Dunsky, our Consultants (generally 5-10 years of experience) and Senior Consultants (10-20+ years of experience) contribute to projects for clients across Canada and the U.S., and advise key decision-makers and influencers on sustainable energy strategies. They lead teams to carry-out projects, contribute to project deliverables, manage client relationships, and assist with business development.

WHY DUNSKY

• Engage in work that aligns with your values: As a mission-driven firm and a registered "B Corp", our work is driven by our commitment to sustainability and equitable team work.

• Be part of the on-going energy revolution: We believe strongly that the future will be built on finding and accelerating market adoption of sustainable energy solutions. Our team makes it a priority to be part of the leading edge, prioritizing the emerging technologies and innovative approaches that will get us there.

• Work within a dynamic and welcoming team: We place a great deal of importance on offering our team the chance to grow and lead fulfilling lives both at work, and at home. We believe that how we work together is as important as the work we do.

BENEFITS

As a mission-driven firm, Dunsky defines its success by meeting our triple bottom line objectives: economic, social and environmental. In keeping with these values, we are committed to offer our team professional development and learning opportunities, and ensuring each person gains experience in a diversity of projects.

We offer a range of employee benefits including flexible hours, summer schedules, annual bonuses, group health and dental insurance, discounts on public transit, and more. Our office is located in a LEED[™] Platinum building, in the heart of Montreal, designed as a test bed for sustainable technologies and practices.

HOW TO APPLY

Interested candidates are invited to send their C.V., cover letter and relevant writing samples (if available) to <u>jointheteam@dunsky.com</u>. In the body of your email, please indicate your desired salary range, a possible start date, your preferred location (Montreal or other), as well as where you heard about this posting. We would also ask that you clearly

indicate whether you are applying for the Consultant or Senior Consultant position in the subject line of your email. Applications will be considered until the position has been filled.

Position: Consultant, Sustainable Transportation and Energy

Organization: Dunsky Energy Consulting

Location: anywhere in Canada or USA

Dunsky Energy Consulting (<u>www.dunsky.com</u>) is a mission-driven consulting firm specialized in sustainable energy strategies. We help our clients – primarily North American energy utilities, governments, private firms and non-profits – build a more sustainable future by assessing market-wide energy efficiency and renewable energy opportunities; by designing programs, policies and strategies to accelerate their adoption; and by evaluating (and improving) performance. Our sustainable mobility practice focuses on bringing these same approaches to the transportation sector. YOU

You are smart, committed, personable, experienced, and comfortably bilingual. You bring experience in sustainable transportation while also being able to contribute to our energy efficiency practice.

Our ideal candidate brings:

- a background in sustainable transportation policy and programs;
- a background in sustainable transportation technologies (EVs, shared mobility, etc.) is an asset;
- a background in energy efficiency programs and policies is an asset;
- strong interpersonal skills and ability to work with clients and in a team;
- superior writing and presentation skills;
- strong analytical skills;
- project management experience;
- fully bilingual (French & English); and
- a strong desire to contribute to a better world.

RESPONSIBILITIES

At Dunsky, our Consultants (generally 5-10 years of experience) and Senior Consultants (10-20+ years of experience) contribute to projects for clients across Canada and the U.S., and advise key decision-makers and influencers on sustainable energy strategies. They lead teams to carry-out projects, contribute to project deliverables, manage client relationships, and assist with business development. As a transportation expert, the successful candidate will play an important role in seeking new opportunities and in supporting clients in this area. WHY DUNSKY...

• Deeply engage in work that aligns with your values: As a mission-driven firm and a registered "B Corp", our work is driven by our commitment to sustainability and equitable team work.

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Position: Customer Advisor

Organization: Thinkwell Shift

Location: Halifax, Nova Scotia

Company

Thinkwell Shift ("Shift") is a behaviour change company that specializes in resource conservation. We create strategies that encourage people to make lasting changes in their daily lives to conserve resources such as water, energy and waste. In order to facilitate behaviour change, we connect with customers using various tactics to guide their path. Shift is looking for customer service orientated individuals who are looking for a challenge, and the possibility to grow with the company. Position

This position is comprised of many elements, including:

- interacting with customers on the phone and in person on a daily basis;
- guiding the customers path to help them reduce their resource use in a manner that's right for them;

• installing efficient products in customers' homes, including light bulbs, shower heads, faucet aerators, and tank and pipe wrap;

- follow established health and safety protocol;
- collect and record information; and,
- file electronic reports daily.

Shift is looking for individuals for both full and part time work in Halifax, with hours that may range from 8am-6pm M-F, and 9am-5pm on Saturdays. The contracts are until the middle of December. Training and work start dates are as soon as available.

Hourly Rate: \$15-17/hr (depending on experience) + car and phone allowances Personal Qualities

We're looking for someone with as many of the following qualities as possible:

- strong customer service background;
- personable, positive and professional demeanor;
- able to follow protocol, but has ability to make responsible changes as needed
- experience working independently;
- passionate about the environment;
- comfortable with changing roles, and able to innovate or find improvements
- attentive to detail;

• very comfortable with standard office technology including Microsoft Office (Word/Excel) and access to a smartphone and the internet;

• has a car (required for each shift), and a clean driving record;

• physically fit (will be required to be one your feet most of the day; able to carry boxes up to 30lbs; go up and down ladders and stairs all day);

• handy, or comfortable with minor home repairs (changing light bulbs, changing showerheads, etc) – experience not required, training provided.

• Clean background check is mandatory (Provided by Shift).

How To Apply

Those interested in applying, please email a cover letter and resume to <u>olga@thinkwellresearch.ca</u> by noon on Friday October 21, 2016. Feel free to check out our website at <u>http://www.thinkwellshift.ca</u>.

Environmental Opportunities:

Creative Industries Fund: Department of Communities, Culture and Heritage is now accepting applications for a new \$2 million Creative Industries Fund. This fund has been designed, in consultation with stakeholders, to invest in the growth of the creative industries. Businesses, not-for-profits, social enterprises and sector associations operating in the creative sectors are eligible for funding. For more information click <u>HERE</u>.

New 150 Forward Fund now open: As part of Canada's 150th celebration, Nova Scotia's 150 Forward Fund is now open for communities and groups to apply for funding for your community project or event. For more information click <u>HERE</u>.

On September 19, 2016, the Government of Canada posted **seven draft policies on the Species at Risk Public Registry** (<u>sararegistry.gc.ca</u>). These policies listed below support the predictable, clear and consistent implementation of the *Species at Risk Act*. As an individual, community, or organization which may be directly affected by these policies, we wanted to notify you of the opportunity to provide input.

We would welcome any comments you may have and are particularly interested in your response to the following: Do you find the policies clear and understandable? Do you have any concerns or recommendations regarding these policies? The seven draft policies include:

- 1. Policy on Critical Habitat Protection on Non-federal Lands
- 2. Policy on Protecting Critical Habitat with Conservation Agreements under Section 11 of the Species at Risk Act
- 3. Policy on Survival and Recovery
- 4. Policy Regarding the Identification of Anthropogenic Structures as Critical Habitat under the Species at Risk Act

5. Approach to the Identification of Critical Habitat under the *Species at Risk Act* when Habitat Loss and Degradation is not

Believed to be a Significant Threat to the Survival or Recovery of the Species

- 6. Species at Risk Act Permitting Policy
- 7. Listing policy for Terrestrial Species at Risk

You are invited to submit your feedback to the Species at Risk Public Registry at the following address: <u>ec.registrelep-</u> <u>sararegistry.ec@canada.ca</u> by **November 18, 2016.**

For your information, related to the seven draft policies, the Government of Canada also posted the following final documents:

- 1. Range Plan Guidance for Woodland Caribou, Boreal Population (Final)
- 2. The Species at Risk Act Policy Principles (Final)

Should you have any questions regarding these materials, please contact us at the e-mail address provided above. Thank you for taking the time to provide us with your input.

Yours sincerely,

Species at Risk Secretariat

Environment and Climate Change Canada / Government of Canada <u>ec.secretariatdesep-sarsecretariat.ec@canada.ca</u>

Hi Solar Friends,

Solar Nova Scotia needs your help to make Nova Scotia a place that relies 100% on renewable energy. We are looking for volunteers who have the interest, energy and enthusiasm to make a difference.

Solar Fiesta Organizers

Do you want to see an increase in the public profile and uptake in solar energy? We want to form a small sub-committee of volunteers to organize next year's Solar Fiesta (needs to include a brief annual general meeting). The committee would be responsible for securing a suitable venue, organizing electronic participation (thus removing geographical barriers to participation), arranging for a speaker, promoting the event, and overseeing Solar Nova Scotia's budget for this event. The sub-committee would report to the Solar Nova Scotia communications committee.

Social Media Content Identifiers

We are looking for help with the development of our new web site. You don't necessarily need to know anything technical about web sites to help out. Anyone who is about to or has recently gone through a process to educate themselves on solar energy can help us out. We want to make sure we get the structure of the web site and its content right so that it can become the definitive clearing house of information on solar energy in Nova Scotia.

Solar Cinema Organizers

Are you a movie buff who is passionate about solar? How about joining a small sub-committee to organize a movie night involving the premiere showing of "Catching the Sun" or other suitable film? The committee would be responsible for organizing the event and would include things such as determining the film to show, securing a suitable venue, organizing the rights to show the film, promoting the event and overseeing Solar Nova Scotia's budget for this event. The sub-committee would report to the Solar Nova Scotia communications committee.

Geographical location is not a barrier to participation in any of the above activities or committees. We currently have members who effectively participate using Skype or simply phone in.

If you are interested in any of the above opportunities please contact: lan Guppy guppy@ns.sympatico.ca

Phone: <u>902-425-5121</u>

Got some beef to air? Got some news to share? Got some questions? Got some ideas? Got some plans? **This Friday evening, every Friday evening, is the Solar Nova Scotia Sup'n'Share!** We're there at 5:00 sharp, have supper and catch up. When: Every Friday evening, 5:00pm Where: Lion's Head Tavern, 3081 Robie St. Ask the waiter to point out our table. Seeya there!

Create Change! Call for entries- national art contest

What does change look like to you?

As Canada celebrates its 150th anniversary in 2017, it's an important time to reflect on the impact we've had on the world – and imagine the impact we'd like to have in the future.

The ICN, with support from Global Affairs Canada, is offering an exciting **opportunity for young artists** across Canada to bring people together for positive change through their art. **Enter your artwork reflecting the theme "Canada's Role in the World" to our National Art Contest.** The winning artwork will be showcased on posters across the country, as part of Canada's International Development Week in February 2017.

Submit your artwork by e-mail to Krista Dinsmore at <u>idwcontest2017@bccic.ca</u> by midnight October 31, 2016 along with a completed release form.

See full details <u>HERE</u>.

Call for Nominations of Canadian Experts – Scoping Meeting for the IPCC Sixth Assessment Report (AR6)

Deadline: October 21, 2016

Please assist in distributing this announcement to colleagues within your institution and networks. This is a call for nominations of Canadian experts to be considered for participation in the scoping meeting of the Intergovernmental Panel on Climate Change's (IPCC) Sixth Assessment Report (AR6).

The scoping meeting will be held tentatively during the week of May 1-5, 2017 (venue to be confirmed). It will result in a draft scoping paper and an annotated outline, which will be considered at the IPCC's 46th Session in September 2017. Following approval of the IPCC Sixth Assessment Report outline, a call for authors will be launched.

NOMINATION INSTRUCTIONS: If you wish to be nominated for participation in the IPCC Sixth Assessment Report scoping meeting, <u>please complete the attached nomination form (both tabs) and return it along with your short Curriculum Vitae (max. 4 pages, in English)</u> to <u>ec.giec-ipcc.ec@canada.ca</u> by 5:00pm pacific standard time on October 21, 2016. Please use the following format to name files: LastName_FirstInitial.xls.

SELECTION PROCESS: Nominations will be assessed and submitted to the IPCC by the IPCC Focal Point for Canada. Restrictions on the number of Canadian nominees may be imposed based on nominees' qualifications, as well as financial or other considerations. The IPCC Secretariat for Canada will inform successful candidates of their nomination status. Individuals selected to partake in the scoping meeting will be notified directly by the IPCC in February 2017. The Government of Canada may provide financial assistance for the travel expenses of selected experts.

EXPERTISE: Scoping Meeting participants should have a broad understanding of climate change and related issues, and should collectively have expertise in the following areas. While the final outline for the Sixth Assessment Report may not include all areas listed below, broad expertise is solicited in order to determine robust areas for consideration. Working Group I

• Climate system (atmosphere, ocean, land surface, cryosphere): observations (past and present), processes, and interactions.

• Natural and anthropogenic drivers of climate change (land use, well-mixed greenhouse gases, short-lived forcers including aerosols), carbon and other biogeochemical cycles.

• Climate modelling, model evaluation, predictions, scenarios and projections, detection and attribution, on global and regional scales.

- Earth system feedbacks and dynamical responses, including abrupt change.
- Climate variability, climate phenomena and teleconnections, extremes and implications for regional climate. Working Group II
- Impacts on and vulnerability of natural and managed systems (land, freshwater and oceans) including genetics, physiology and regional ecosystem expertise.
- Palaeo and historical views of natural, managed and human systems across regions.
- Impacts, vulnerability and risks for sectors including fisheries, agriculture, tourism, transport, resource extraction, energy.

• Impacts, vulnerability and risks for human systems including health and wellbeing, indigenous and cultural, livelihoods, poverty.

• Impacts, vulnerability and risks for settlements, including rural, urban, cities, and those on small islands and in coastal areas, and related systems and processes including food, economic and energy security, migration.

- Adaptation needs, options, opportunities, constraints and influencing factors including contributions from psychology, sociology, and anthropology.
- Approaches for adaptation to climate change: ecosystem and community based adaptation, disaster risk reduction, and early warning systems.
- Socio-cultural, anthropological and psychological background of making and implementing decisions. Working Group III

• Socio-economic scenarios, modelling and transitions at the global, regional, national and local scales including integrated assessment approaches.

- Energy systems including supply and energy demand sectors (e.g., industry, transport, buildings).
- Mitigation responses in agriculture, forestry, land use and waste.

• Consumption patterns, human behavior and greenhouse gas emissions, including economic, psychological, sociological and cultural aspects.

• Policies, agreements and instruments at the international, national and subnational levels, including those at the city level.

- Technology innovation, transfer and deployment.
- Financial aspects of response options.

Cross-cutting areas of expertise

• Co-benefits, risks and co-costs of mitigation and adaptation, including interactions and trade-offs, technological and financial challenges and options.

• Ethics and equity: climate change, sustainable development, gender, poverty eradication, livelihoods, and food security.

- Perception of risks and benefits of climate change, adaptation and mitigation options, and societal responses, including psychological and sociological aspects.
- Climate engineering, greenhouse gas removal, and associated feedbacks and impacts.
- Regional and sectorial climate information.
- Epistemology and different forms of climate related knowledge and data, including indigenous and practice-based knowledge.

IPCC SELECTION CRITERIA: scientific, technical and socio-economic expertise, including the range of views; geographical representation; a mixture of experts with and without previous experience in IPCC; gender balance; experts with a background from relevant stakeholder and user groups, including governments.

FOR FURTHER INFORMATION, PLEASE CONTACT: IPCC Secretariat for Canada Science & Technology Branch Environment and Climate Change Canada Government of Canada 200 Sacré-Coeur Blvd, 11th Floor Gatineau QC K1A 0H3 <u>ec.giec-ipcc.ec@canada.ca</u>

Do you have ideas or work to share on how innovative learning inspires connection to nature, more sustainable lifestyles, resilient communities and/or a life-giving planet? You are invited to propose a workshop or presentation workshop or presentation proposal for the SEE Change conference in May 2017? The conference is a partnership of the Canadian Network for Environmental Education, the Canadian Network of Ocean Educators, and the Nova Scotia Environmental Network Education Caucus. Check out the workshop streams, conference keynotes and the Call for Proposals at http://eecom.org/2017-conference/. Divert Nova Scotia is a major sponsor.

There will be a wide range of sessions, all the way from hands-on and outdoors, to community-based, to round table, to research and policy. The conference is hosted by Acadia University in Wolfville, Nova Scotia, a thriving community rooted in traditional cultures, small farms and the spectacular natural setting of the Bay of Fundy. More than 30 educators from across the region and the country have been working for a year to organize a mind-blowing conference. We hope to see you there!

Cheers Alan Warner Conference Chairperson

Take Action Now to Protect Blue Whales and The Gulf of St. Lawrence!

It's like a bad dream that you can't wake up from. The company that has wanted to drill in the Gulf of St. Lawrence for nine years, the same company responsible for seismic testing while the endangered blue whale was migrating, wants a new license.

This in spite of numerous calls for a moratorium on all oil and gas development in the Gulf of St. Lawrence and an historic statement from the Chiefs of the Mi'qmawei Mawiomi calling for a 12-year moratorium on oil and gas in The Gulf. We need to wake up from this nightmare. It is up to the federal Minister of Natural Resources, Bill Carr and the Newfoundland and Labrador Natural Resources Minister Siobhan Coady to make this stop, and they will receive your comments and letters until October 17th in response to this request for a new license.

The Gulf of St. Lawrence is **one of the most precious marine ecosystems we have**. Given the federal government's commitment to better environmental regulation and protection of our oceans, **it's time to declare the Gulf of St. Lawrence off limits to oil and gas and to start making good on promises.**

Please send your letter today!

Thank you for taking action. Gretchen Fitzgerald - National Program Director

My name is Nicole LeBrun and I am current enrolled in the **Environmental Engineering program at the NSCC Waterfront campus**. As a class we are asked to do an applied research project that will take place over the course of the year. As part of the project we are encouraged to reach out to local community organisations or larger organisation in the hope that they will be currently working on a project that we students can help with and also use as our applied research project. I was wondering if you, or anyone at the local level was working on a project regarding environmental conservation, restoration, engineering or any other environmental work.

Thank you very much for your time.

Nicole LeBrun

nicolelebrun4@hotmail.com

Stop spraying glyphosate in Nova Scotia

- <u>https://www.facebook.com/groups/StopSprayingNS/</u>
- http://nslegislature.ca/index.php/get-involved/petitions/
- <u>https://www.change.org/p/let-s-tell-our-environment-minister-and-premier-that-it-is-not-ok-to-spray-our-woodlands-with-glyphosate-ever?recruiter=63316987&utm_source=share_petition&utm_medium=facebook&utm_campaign=share_facebook_res_ponsive&utm_term=des-lg-share_petition-no_msg&fb_ref=Default
 </u>

ACOA has issued a **Call to Action** inviting Atlantic Canadian companies, <u>communities and non-profit organizations</u> to develop proposals for projects that promote clean growth through clean technology. The Agency has **earmarked \$20 million** for clean technology projects in 2016-17. Applications should be submitted on or before **March 31, 2017**. Please share with clients who may be interested. I will also follow-up with the ACOA Area Account Manager to see if she can pop in to give an overview of the program to Dartmouth staff as part of our Speaker/Info Series.

Objectives of ACOA's Clean Technology Initiative

- To encourage Atlantic Canadian businesses, communities and non-profit organizations to access ACOA programs to develop clean technology products, services or processes;
- To help companies adapt and adopt clean technology that make their work processes more efficient and less costly;

• To help communities and non-profit organizations become more eco-friendly through the adoption or adaptation of clean technologies in community facilities;

- To help non-profit organizations such as institutions of higher learning conduct research and development on clean technology products, services and processes;
- To promote clean growth as a way to grow the economy of Atlantic Canada; and
- To diversify the region's economy, open up new markets and generate good jobs for Atlantic Canadians.

What types of projects will ACOA consider assisting?

ACOA will consider assisting various types of projects, including those proposed by:

• businesses in the clean technology sector that wish to start up or expand through the development or upgrade of newer, cleaner technologies;

organizations from other sectors looking to develop, adapt or adopt products, services or processes that promote clean growth;

organizations that wish to implement more clean processes; and

communities and non-profit organizations looking to become more eco-friendly through the adoption or adaptation of clean technologies in their facilities.

http://www.acoa-apeca.gc.ca/eng/ImLookingFor/ProgramInformation/Pages/Clean-Technology-Initiative.aspx

Watch for Wildlife (W4W) NS is a new wildlife vehicle collision prevention program that encourages and enables Nova Scotians and visitors to the province to drive with an awareness of wildlife on roads, and do what they can to prevent collisions with wildlife. It is also about providing drivers contact numbers and information about how to respond in case a collision does happen.

If you want a magnet or sticker to put on your car so you can be a reminder to others as you drive to Watch for Wildlife, please get in touch.

Please see our website: <u>www.watchforwildlife.ca</u> And follow or like us if you do at: Facebook <u>www.facebook.com/watchforwildlifens/</u> Twitter @watch4wildlife

Connecting Researchers with Coastal Communities. Since 2008 the Robin Rigby Trust has assisted university students and recent graduates undertaking fieldwork in collaboration with coastal communities interested in resource assessment, sustainable utilization and community based management. Canadians or student studying here are encouraged to work in areas outside Canada while applicants from other countries are encouraged to collaborate on a project in the coastal regions of Canada. The deadline for this year's applications is October 31, 2016. If interested, or if you know anyone who may be interested please review information on http://robinrigbyfund.info/

Sign up to receive newsletters on school environment and health issues from CASLE. Send your request to info@casle.ca In this month's newsletter:

1. Research has now shown there is no doubt that Carbon Dioxide (CO2) affects learning and well-being. <u>http://www.chgeharvard.org/resource/impact-green-buildings-cognitive-function</u>

2. Nova Scotia remains in the forefront of regions that address indoor environment quality issues actively. CASLE and the government departments have been collaborating for two decades to create and maintain healthy schools.

3. The US Environmental Protection Agency is continuing its series of on-line courses in school environmental health: https://www.epa.gov/iaq-schools/iaq-knowledge-action-professional-training-webinar-

series?utm content=&utm medium=email&utm name=&utm source=govdelivery&utm term=

4. Canadians for A Safe Learning Environment (CASLE) website <u>www.casle.ca</u> in its new format is accessible to tablets and phones, and contains updated practical information on a wide range of topics relevant to healthy schools and healthy school children. Please circulate the web address widely.

Inviting Garden Volunteers to Windhorse!

We are a sustainable farm and hosting facility on the South Shore of Nova Scotia with 3 acres of gardens. We're in need of willing hands to weed, water, mulch, transplant, prune, make compost AND you might want to swim in the lake, take a sauna, canoe, enjoy the view from the upper hay meadow, nap in the sweet cool mosses of the forest, and join community meditation Tuesday and Thursday mornings. Beyond that, we can offer cabin accommodations, laundry, hot shower, small stipend and a "learning by doing" experience in a great community that will live on. Available now until November. Please email margaret@windhorsefarm.org.

Free online non-profit resources from Dalhousie University - sample policies and governance guides such as chairing board meetings and board self-evaluation. Check it out <u>HERE</u>.

News release from the **Campaign to Protect Offshore Nova Scotia** (CPONS): CPONS is urging Nova Scotians, and anyone else who supports our concerns, to endorse our campaign by simply sending an affirmative statement to <u>southshore.cpons@gmail.com</u>; printing the petition (found <u>here</u> under ACTIONS), collecting signatures, and mailing it to us; and/or liking our Facebook page <u>https://www.facebook.com/ProtectOffshoreNS</u>. Also welcome is a letter of support which can also be sent to <u>southshore.cpons@gmail.com</u>.

AVIVA Community Fund

First launched in October 2009, the Aviva Community Fund asked Canadians to submit their ideas and vote for causes on the competition's online portal. Canadians overwhelmingly answered the call, proposing over 2,000 ideas, casting more than two million votes in support of causes from every province and territory. It's back! Click <u>HERE</u>.

Hello,

I am writing to you today to encourage your organization and its members to **take advantage of wage subsidies** of up to \$15,000 for interns in environmental and clean technology fields. The wage subsidies are available from the <u>Environmental</u> <u>Youth Corps (EYC) Internship Program</u> and the <u>Clean Tech Internship Program</u> which are supported by Environment and Climate Change Canada's *Science Horizons*. To be eligible, interns must be recent graduates in science, technology, engineering, or mathematics (STEM). These programs support the creation of new green jobs for youth, to help young Canadians gain valuable work experience, learn about our natural environment and contribute to economic growth in environmental sectors.

I encourage you to share this information at your convenience. Furthermore, I invite you to visit the embedded links for more information and to apply.

Regards, Geoff I.R. Geoffrey Mercer Regional Director General - Acting Regional Director General's Office - Atlantic and Quebec Regions Environment and Climate Change Canada <u>geoff.mercer@canada.ca</u> / Tel: <u>902-426-6700</u>

Free Home Upgrades for Your Clients and Participants

Help your program participants save money on heating bills this winter, be healthier and feel more comfortable in their homes year-round – find out if they are eligible for HomeWarming. HomeWarming offers a free home energy assessments and energy efficiency upgrades to income-qualified homeowners. For more information and application forms, visit www.HomeWarming.ca. If you would like to have materials to promote http://homewarming.ca/, get in touch with Michael at mmackay@clean.ns.ca.

For the first time, **Citizens' Climate Lobby (CCL) Canada will have lobbyists from Atlantic Canada--Nova Scotia** specifically (Andy Blair and Joanne Light, volunteers with the not for profit CCL Halifax) who will attend the June 5-8 lobbying days with MPs on Parliament Hill. They will meet with as many Nova Scotian MPs as respond to their request. Over the last six months they have travelled around Nova Scotia meeting with all the MPs except for Rodger Cuzner and Mark Eyking promoting a fair price on carbon and support for the transition to a low carbon economy. They have been doing this work on a volunteer basis using their own funds for four years. If you believe in their work to slow global warming and can donate to help defray costs for this trip please send your cheque or m.o. to Joanne Light 6339 Young Street, Halifax, N.S. B3L 2A2 For the legitimacy of this appeal please email Cathy Orlando c.o <u>cathy@citizensclimate.org</u> or visit the CCL Canada website. To join CCL Halifax or start your own CCL group in your community, please contact Joanne Light Group Leader Citizens' Climate Lobby Halifax *Creating the political will for a more liveable world* <u>902-429-1571</u> 6339 Young Street, Halifax, N.S. B3L2A2

Do you have shredded sneakers, torn trousers or holy socks ready for trashing? **Since 2013, all worn or unusable textiles and fabrics of any material and in any condition (except chemically contaminated) can be reused/ recycled. Collection sites are all over HRM and Nova Scotia.** AFTeR began in 2013 as a group of six organizations that collect used clothing to fund social causes such as helping children at risk, combatting disease, and supporting marginalized citizens and those facing crisis. This is accomplished with the added benefit of keeping the textile materials out of our landfills. AFTeR member charities are experts in the collection and repurposing of used textiles and footwear. <u>http://afterwear.ca/wp/donate/</u>

Environmental News:

Halifax North West Trails Association October 2016 Newsletter and Hike Schedule have been updated on the web site. You can find them <u>here</u>.

No country on Earth is taking the 2 degree climate target seriously

http://www.vox.com/2016/10/4/13118594/2-degrees-no-more-fossil-fuels

This piece by David Roberts is simply superb, required reading by everyone concerned with climate change – and more importantly by everyone who has not thought seriously about it. The political culture of every nation in the developed world is in complete denial with respect to what needs to be done to avoid rendering our planet uninhabitable. With unambiguous science and a handful of graphs, Roberts illustrates the cognitive dissonance that characterizes current global politics on climate change.

If you would like to dig deeper, the report (by Oil Change International) that the article is based on is: **The Sky's Limit: Why the Paris Climate Goals Require a managed decline of fossil fuel production** <u>http://priceofoil.org/content/uploads/2016/09/OCI the skys limit 2016 FINAL 2.pdf</u>

2016 Fall Reports of the Commissioner of the Environment

Dear colleague, I am writing to advise you that my <u>2016 Fall Reports</u> were tabled today in the House of Commons. These reports specifically examines the following issues: <u>Inspection of Nuclear Power Plants</u> <u>Sustainable Fisheries</u> <u>Federal Sustainable Development Strategy</u> <u>Departmental Progress in Implementing Sustainable Development Strategies</u> <u>Environmental Petitions Annual Report</u> In addition, the Reports contains: <u>The Commissioner's Perspective</u> My report is available on the <u>Office of the Auditor General of Canada</u> web site. Sincerely, Julie Gelfand

Commissioner of the Environment and of Sustainable Development

View the October 2016 edition of the Organic Friends' E-Zine, brought to you by the Organic Agriculture Centre of Canada (OACC).

Among the offerings in this latest E-Zine edition, you will find:

- An invitation to participate in the 2016-2017 Canadian organic research needs and priorities assessment process.
- Updates from Organic Science Cluster II.
- Links to organic extension information, including resources focused on: the science behind organic, soils and fertility, organic horticultural and field crop production, season extension for organic farms, organic seed production, and the ecology of organic agriculture.
- Links to the latest organic research abstracts, which cover a number of diverse topics, such as: soils and fertility, organic horticultural and field crop production, crop rotations and pest management on organic farms, organic livestock management, and the ecology of organic production.
- The latest updates from Canada's organic community.
- And more!

Alton Gas wants pass through wilderness area for gas pipeline By <u>Ken Summers</u> - October 14, 2016 <u>https://nsadvocate.org/2016/10/14/alton-gas-wants-pass-through-wilderness-area-for-gas-pipeline/</u>

Author and journalist Andrew Nikiforuk talks about hydraulic fracturing and the resulting water contamination, seismic activity and landscape industrialization Wednesday evening at the Shubenacadie branch of the Royal Canadian Legion. (FRANCIS CAMPBELL / Local Xpress)

https://www.localxpress.ca/local-news/author-warns-of-dangers-involved-with-fracking-alton-gas-project-426297

SHUBENACADIE — Canadian author and journalist Andrew Nikiforuk has a book full of evidence that points to the inherent dangers of hydraulic fracturing.

And he could add an epilogue about the Alton Gas project and its goal of flushing out underground salt beds with millions of litres of water to build natural gas storage caverns.

"There are definite connections," Nikiforuk said after delivering a fracking presentation to more than 30 people at the Shubenacadie branch of the Royal Canadian Legion on Wednesday evening.

"In all likelihood, the gas that will be used to fill this facility, if it is built, will be coming from fracked shale."

Nikiforuk, author of the award-winning book Slick Water, said the process of fracking -- injecting a water, sand and chemical mix at high pressure into a well bore to create cracks in deep-rock formations that allow natural gas and petroleum to flow out -- is similar to the Alton Gas strategy for flushing out the caverns. Alton Natural Gas Storage LP and its parent company, AltaGas, plan to draw 10,000 cubic metres of water daily from the Shubenacadie River estuary near Fort Ellis and pump it to the cavern site at Brentwood Road to initially build three giant underground storage caverns, each about 80 metres high by 50 metres wide, the size of an average office building.

"It's a fluid injection of water. You are removing the salt through brine, but dumping it into a waterway is a very crude form of pollution-making."

Nikiforuk, who has been writing about energy and economics for more than two decades, said that process has been aptly

called 'brute force combined with ignorance."

He said the industry, the governments that permit it and the regulatory agencies that oversee hydraulic fracturing cannot predict or control where the pressurized water and chemical solution is going after it is pumped underground. "Industry cannot control the direction of the fracks," he said.

The pressurized fracking fluid finds the path of least resistance and pushes its ways into aquifers, abandoned mine shafts and any other accessible cracks in the rock. The result pushes dangerous gases, including methane, radioactive radon and carbon dioxide to the surface. Nikiforuk said the levels of those three gases are three times greater in an area where fracking has taken place.

The problem is exacerbated by the fact that it takes 10 barrels of water to produce one barrel of oil in the fracking process. The waste or produced water is often disposed off by digging injection wells and pumping it back into the ground.

"The more you shake the ground, the more gases will come to the surface."

Rapid climate change and increased seismic activity can also be expected.

"Methane is rapidly changing and destabilizing our climate and most of it is coming from the oil and gas industry," Nikiforuk said.

The earthquake activity has increased markedly in areas in which fracking has been prevalent. Nikiforuk said there have been 1,000 earthquakes in British Columbia since 2006, the vast majority of which are the direct result of fracking. "Oklahoma used to be the most earthquake-quiet place in the United States," he said of the Midwestern state that has seen

a proliferation of fracking activity double its oil production since the start of 2010 from 160,000 to 320,000 barrels per day. "Now, it's the place with the most seismic activity."

Nikiforuk said fracking contaminates groundwater with gases and chemicals.

"It's all about water, we cannot live without it. It is the mother of us all."

But when well water and drinking water is contaminated by the fracking process, residents have no place to turn, he said. "When you have been fracked, there is no after care for lost groundwater."

Nikiforuk, who now resides in British Columbia, said Nova Scotians have been lulled into a false sense of security by the province's move two years ago to extend a moratorium on high-volume hydraulic fracturing in shale formations.

"It's very weak and very temporary," he said of the moratorium. "The battle will come back as the price of natural gas goes back up. You need to say No to fracking in its entirety."

The moratorium does allow for lower-volume fracking along with research and test fracking.

Nikiforuk sees a lot of parallels with the Alton Gas project and the manner in which fracking projects across North America have been given the environmental green light.

"I don't think the province is being honest at all," he said. "I don't think the province even has any full sense of the history of underground gas storage facilities in North America and the history is one of methane leakage over time. Either the leaks are small and they grow or there have been big bangs and explosions."

Nikiforuk said stringent monitoring is required for a project like Alton Gas.

"If you are putting this gas under the ground, in all likelihood you are going to be increasing the pressure underground and you might have a lot of the ground uplifting. You need seismic monitors in place all around this region, you need intensive groundwater monitoring that looks at water from a variety of depths over time and that has at least two years of baseline data so you know what the quality of your groundwater is. Then you need atmospheric monitoring to determine if and where this methane will come to the surface.

"The responsibility for all that should be with the province but the industry should pay for it."

Nikiforuk said there are a lot of issues with the cavern site and the brining operation.

"I would agree with the Mi'kmaq that the most substantial issue at this point in time, the first of many, is dumping of brine waste into a river. It's mind-boggling why this would ever have been approved."

Mi'kmaq protesters block entrance at proposed natural gas storage site

By Michael Tutton in News | September 26th 2016

http://www.nationalobserver.com/2016/09/26/news/mikmaq-protesters-block-entrance-proposed-natural-gas-storagesite

September 23 Radioexaminer podcast - "If we're not fracking why are we expanding our natural gas infrastructure?" Robin Tress of the Council of Canadians gives an excellent interview about developments at the Alton Gas site on the Shubenacadie River. starts at minute 36

http://halifaxexaminer.libsyn.com/we-just-want-to-make-sure-that-journalism-is-done-examineradio-episode-80

The Summer / Fall 2016 Edition of the Journal **MAWQATMUTI'KW** (We All Live Together) is now available. This issue includes the articles "History of Lake Utopia

Resource Study", "Aboriginal Peoples Use of Resources" and "**American Lobster Settlement Update**". The journal is published jointly by IKANAWTIKET Environmental Incorporated and the Maritime Aboriginal Aquatic Resources Secretariat - <u>http://www.ikanawtiket.ca/#MAWQATMUTIKW</u>

October 2016 UPDATE on the CAMPAIGN to Protect Offshore Nova Scotia

A project of the South Shore Chapter of the Council of Canadians

The Campaign to Protect Offshore Nova Scotia (CPONS) has been busy this summer! If you would like to volunteer for any of our upcoming or ongoing activities, contact us at <u>southshore.cpons@gmail.com</u>

Remember that we need your help and endorsements to make this Campaign a success! Please work with us to build awareness about the federal review of environmental assessments and regulatory processes, as well as the need to totally reform or replace the Canada-Nova Scotia Offshore Petroleum Board. "While governments grant permits for resource development, only communities can grant permission." Let our collective voice be heard!

Federal Review of Environmental and Regulatory Process

Marilyn Keddy, Marion Moore, and Charlene Morton prepared and presented to the Expert Panel as part of the Halifax hearings Oct 3, 2016 for the Federal Review of Environmental and Regulatory Process. They drew heavily on the principles and pillars of "next generation" environmental assessment, introduced by environmental assessment experts and strategists at the Federal Environmental Assessment Reform Summit (May 2016, Ottawa), a forum organized by West Coast Environmental Law. http://wcel.org/EASummit

Help us remind the federal government of their 2015 election promise that "while governments grant permits for resource development, only communities can grant permission." and that we have not granted permission for the drilling that is now taking place! You can submit your thoughts on reform EA in Canada by going online before December 18, 2016 https://www.canada.ca/en/services/environment/conservation/assessments/environmental-reviews.html Petition and Outreach at South Shore Farmers Markets

We have asked The Honourable Mark Furey, our MLA for Lunenburg West, to present our petition (see below) to the NS Legislature mid or late November. Can you help to gather signatures? Download your copy of the petition at https://nsenvironmentalnetwork.com/resources/

We set up display and information tables at several South Shore markets this summer and early fall to raise awareness about CPONS and to gather signatures on our petition. We were hosted by Chester, Liverpool, Hubbards, Lunenburg, West Dublin, Shelburne and Bridgewater markets, as well as the Growing Green Festival.

Greenpeace in Nova Scotia

The Greenpeace ship Arctic Sunrise stopped in Halifax on September 10 after leaving Clyde River, Baffin Island, where it was docked to draw attention to the impact of seismic testing on the First Nations community on Baffin Island. CPONS members attended their Open Boat event and participated on their panel "The Fight Against Fossil Fuels: From the Arctic to Nova Scotia". Also presenting were two Greenpeace representatives who spoke of their experience in Clyde River; Dr. Lindy Weilgart, an expert in bioacoustics who addressed the impact of seismic testing on marine life; Darren Porter, who highlighted the efforts to resist the Alton Gas Project; and Stephen Thomas from the Ecology Action Centre, who brought stories of successful community initiatives in renewable energy. We learned a lot at this event, met new supporters, and gained more endorsements.

Publicity, Press Releases, and Social Media

Endorsements: Simply send us a note at <u>southshore.cpons@gmail.com</u> saying "I endorse this campaign." Politicians count numbers!

Publicity: Do you know any local or international celebrities who care about the ocean? Famous oceanographers? Help us find some 'big names' to endorse our campaign.

Facebook <u>https://www.facebook.com/ProtectOffshoreNS/</u> We try to keep our FB page up to date with current information and links to related articles. Please 'like' our page, make a comment, and, better still, share it.

Press releases announcing CPONS activities and letter campaign to provincial MLAs and Federal Ministers were sent March 12th, June 8th, July 13th, and August 12th.

Website: Under construction!

Meetings with and presentations for government representatives

MP Bernadette Jordan, St. Margarets Bay-South Shore, July 14th

MLA Sterling Beliveau, Queens-Shelburne, July 14th

MLA Suzanne Croft-Lohnes, Lunenburg, July 22nd

Municipality of the District of Lunenburg Council, August 23rd

The Honourable Mark Furey, Minister of Business, Lunenburg West, September 19th

Important developments

Another licence to Shell In August the CNSOPB granted Shell a licence for exploratory drilling for a second well off the southwestern coast.

http://thechronicleherald.ca/business/1388024-shell-gets-go-ahead-for-second-offshore-n.s.-well

Checking out the latest oil-spill technology: Three CPONS supporters drove down August 19[,] 2016 to the Sable Fish Plant on Cape Sable Island to see a demonstration for cleaning oil spills using a small prototype. The Clean Ocean Action Committee and the Nova Scotian Company, Extreme Spill Technology (EST), with the assistance of Dr. Farid Taheri, Professor, Department of Civil and Resource Engineering, Dalhousie University, organized several demonstrations over two days. This offshore oil spill cleanup technology, initially developed at Dalhousie University, is now being commercialized by a Nova Scotia company, Extreme Spill Technology Inc.

Alliances and Allies

Peace and Friendship Alliance (NS) Ecology Action Centre Clean Oceans Action Committee (COAC) Greenpeace Canada Save the Bay of Fundy Save our Seas and Shores <u>http://saveourseasandshores.ca</u> Wolfville Advocates for Progressive Politics (WAPP) Maritime Fisherman's Union (Local 9) And more . . .

 Contact us and endorse us at southshore.cpons@gmail.com

 (902) 634-4057
 https://www.facebook.com/ProtectOffshoreNS/

Will the HRM Centre Plan goals and objectives be to reduce greenhouse gas emissions or facilitate converting the city to highrises?

Austin Gets More Transparent About Sustainability

By Jen Kinney | October 6, 2016

These days, Austin is nearly synonymous with "tech savvy," but the city's Office of Sustainability launched a new platform this week that provides even the non-coders among us easy, transparent access to city data.

After several years of publishing a static yearly government report card, and of posting data sets to an online open data portal, the city has rolled out a new, easier-to-understand public-facing dashboard powered by Socrata. The dashboard tracks 50 indicators across 10 categories, including food and health, energy, water, built environment, and zero waste. Each of these categories is tied to an aspect of the city's sustainability plan, to a specific department's goals, or to another policy or master plan. Users can easily see where the city is meeting its stated targets — and where it's falling short. "It's really about connecting plans and policies to individual data points," says Lewis Leff, a senior consultant in the Office of Sustainability. Citizens are accustomed to their governments setting goals and quietly failing to achieve them. The dashboard, says Leff, provided a chance to be transparent about when progress is on course, and when it isn't. First, the department had to decide which data points were feasible to track. "When you do an indicator project you really want to make sure they're accurate, reported on a regular basis," says Leff. Some metrics didn't have enough data; others couldn't be updated frequently enough.

Then there was the fact that the behind-the-scenes information gathering was and remains nearly entirely manual. The Office of Sustainability had to reach out to over 40 departments across the city to collect the data and keep it up to date. Doing so for hundreds of data points just wasn't feasible.

Ultimately, Leff says the department is working to automate that process. In the meantime, they narrowed it down to 50 indicators of the city's progress toward eco-friendliness, ranging from the apparent to the obscure. According to the dashboard, for example, Austin has planted 7,262 trees, far surpassing its main ecosystem goal of planting 3,960 trees by 2016. But the city hasn't yet met its goal of purchasing only 100 percent recycled content paper: 83 percent is recycled content right now.

"As a large organization with a \$3.7 billion budget, we do a lot of purchasing," says Leff, so procurement represents an opportunity — however invisible to the public — to reduce emissions. "When you get down into the details of any indicator, it gets pretty nitty-gritty," Leff continues. Many of the indicators tied to specific goals relate directly to city operations. In the food and health category, the portal tracks the percentage of population that is food insecure, the number of community gardens, the percentage of Austinites under 65 without health insurance, etc. But the main goal is tied to the number of city employees engaging in wellness activities. (Goal achieved, by the way.)

In the climate category, the city has achieved its 2015 goal, reducing carbon emissions from city operations to 51,913 mtCO2e. The long-term vision is carbon neutrality for city operations by 2020, and net zero emissions citywide by 2050. The

Community Climate Plan from which many of these goals are drawn was adopted before the Paris climate talks last year, but Leff says it's still ambitious enough to help the nation as a whole reduce emissions to the necessary degree. Many of the remaining indicators aren't tied to a goal, but rather presented to the public in a bid to improve informed decision-making, Leff says. The number of charges in the city's network of electric vehicle stations is being tracked, for example, and the amount of parkland being preserved. If the city continues to track data with enough detail, it should help policymakers see whether devoting more resources to an issue helped, or whether cutting staff hurt, and so on. It's all still just a little clunky. I had a hard time figuring out the connection between the city-operation goals and the community-wide data, and the dashboard doesn't show goals for 2016, only whether goals from 2015 have been met or not. So I could see the city had met its carbon emissions reduction target for 2015, but I don't know Austin's 2016 target or whether the city is on track to meet it and ultimately the 2020 carbon neutral goal.

(Credit: Austin Office of Sustainability)

Leff explains the absence of future targets is in part a constraint imposed by the software. In order to report whether last year's goal was met or still needs improvement, the date for the goal needs to exist in the past. He says the dashboard will update with the 2016 data when it becomes available, and that the department will look into displaying future goals in upcoming software updates. He also stresses the importance of collecting data over the long term, as it becomes more valuable the longer it's tracked. In the climate category, for example, the Office of Sustainability is tracking the annual number of days above 100 degrees, noting that "the impact of [carbon] emissions in the environment is reflected through Austin's climate." But with data since only 2011, the trend is actually downward.

Leff says it's not the city's role to frame that information, only to present it to the public in the spirit of transparency, and to keep collecting and keep publishing. "If it's a downward trend for four years, but it's been an upward trend for 20, we would love to show that but we're only going to be able to do that if we start reporting on it on a regular basis," he says. Before this public-friendlier version launched, Austin's civic tech community had already made ample use of the open data portal. They've developed a pet finder app that provides near-real-time access to the local animal shelter's data, and a more streamlined process for candidates for public office to input their campaign finance data. They even helped keep the city accountable while working on the open data platform. With more visualizations and context, the new platform allows people to "understand more of the story around data, which I think has been really important for the public but also for the departments," says Matt Esquibel, IT division manager at the city of Austin.

"Sometimes you have buy-in from the public but the departments don't always get it," he continues, "so adding this context has been helpful for tracking the momentum departments already have or the activities they're already doing."

Interested in receiving the Eco Connections directly? Email me with your request! <u>nsenvironmentalnetwork@gmail.com</u>

We would like to hear your news! Please send updates of environmental concerns/activities in your community and we will post them in the newsletter and on our Facebook page.



<u>nsenvironmentalnetwork@qmail.com</u> Find us on Facebook:<u>www.facebook.com/NovaScotiaEnvironmentalNetwork</u> Find past EcoConnections here:<u>http://nsenvironmentalnetwork.com/resources</u> NSEN Events webpage: <u>http://nsenvironmentalnetwork.com/events</u>

The Nova Scotia Environmental Network connects environmental organizations across the province – together we are stronger!