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| **June 15, 2021**  Email: [endionspei@gmail.com](about:blank) Website: [nspeidiocese.ca/den](about:blank)  Facebook: [Environment Network Diocese of NS & PEI](about:blank)  Welcome to our weekly Enews.The Diocesan Environment Network (DEN) of the Anglican Diocese of NS & PEI, was formed in response to the Fifth Mark of Mission and the latest addition to our Baptismal Covenant which has become our Mission Statement.  ***“To strive to safeguard the integrity of creation and sustain and renew the life of the earth.”***  To do this we educate and encourage stewardship through this newsletter, weekly meetings on zoom, social media and liturgies, connect with other environment groups, pray together, celebrate art with each other and grieve together. |
| **June is National Indigenous History Month**. DEN wishes to acknowledge the lessons learned and the lessons we still need to learn from First Nation’s stewardship of this beautiful land, lovingly and respectfully called Turtle Island. |
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| F:\DEN Enews\banners Season of Creation.jpg  Christians around the world are invited to give particular attention to praying and caring for God’s creation as part of the [global Season of Creation](https://seasonofcreation.org/), observed from September 1 to October 4 every year. [General Synod 2019 passed a resolution](https://gs2019.anglican.ca/cc/resolutions/resolution-number-a202-the-season-of-creation/) adopting the Season of Creation in the Anglican Church of Canada as a time of prayer, education, and action and encouraging dioceses and parishes to participate.  There are many ways your community can participate in the Season of Creation. Hold an ecumenical or interfaith prayer service; worship outdoors; go for a hike with members of your parish; work to reduce your plastic or energy consumption; or advocate for stronger environmental policy.  Let us know if you would like a guest preacher or speaker during Season of Creation and please share with DEN the innovative ways your parish will be celebrating God’s creation this September.  For more information check out the DEN webpage for Season of Creation at <https://www.nspeidiocese.ca/pages/den-season-of-creation--288> or Email [endionspei@gmail.com](mailto:endionspei@gmail.com)  Launch of Celebration Guide and Theme: <https://www.lutheranworld.org/news/season-creation-launch-celebration-guide-and-theme?fbclid=IwAR0H4vK1cQ_rZBf4UmvGEJwGzBLMmqn30TJLAkaU8nMcAKXBMHItNgXp-Tw> |
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| C:\Users\cayla\Pictures\banners upcoming events.jpg |
| **DEN Thursday Evenings** begin on September 9th with Ron Colman, the author of “What Really Counts”. |
| **Praying with the DEN Community** Morning Prayer will be on the first Friday of the month for the summer. **Join us on July 2nd and August 6th at 9:30 by Zoom**. To obtain the link, please email [endionspei@gmail.com](about:blank) |
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| **Diocese of Ontario Green Group Webinar on Electric Cars – Dispelling Myths – Is one right for you?** June 22, 2021, Zoom and Youtube. For more information, please watch this video <https://www.youtube.com/watch?v=xSrcbrTROnA> Zoom link: <https://us02web.zoom.us/j/84855331343?pwd=VThkTGlnbHpCajZpeWJkdVlkeVk3UT09>  Meeting ID: 848 5533 1343 Passcode: 033769 |
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| **Film screening + June 15 - 7:30pm panel discussion: Invisible Hand - Rights of Nature Documentary** More info and to register, [HERE](https://us02web.zoom.us/webinar/register/WN_pRj9kPPhT7i6MogZeOeiWw) The Rights of Nature Network Atlantic Canada and the Sierra Club Canada Foundation Atlantic Chapter (CRED-NB core member) are inviting everyone to join a virtual screening of the award-winning film Invisible Hand about the global Rights of Nature movement, followed by a Q&A with organizers from the Community Environmental Legal Defense Fund (CELDF). Invisible Hand is a “paradigm-shifting” documentary about the Rights of Nature Movement, the defining battle of our times where Nature, democracy and capitalism face off. The film will be available for viewing starting at 7:30pm Atlantic on June 14 for you to watch anytime leading up to the live Q&A on Zoom at 7:30pm Atlantic on June 15. |
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| **Garden Elements” Aspects to Garden Spirituality** Join us on Tuesday, June 15, 2021, for the June Good News Gardens Zoom Gathering. Jeannie Marcucci, a candidate to the diaconate in the Diocese of New Jersey, will present on Garden Elements: Aspects to Garden Spirituality. Register at [iam.ec/junegng](http://iam.ec/junegng?fbclid=IwAR3QKxUNOxumx3HALsm1AV4LfT0aRjQyP03sR-Y9rsOem9u6Ii_UG4QIWlA). |
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| **Dialogues at Thinker’s Lodge -** a 4 part webinar series on Climate-Induced Societal and Ecological Breakthrough in Atlantic Canada. June 16th is the first one on Governing for Ecological Citizenship. For more information and to register, <https://ecologyaction.ca/sites/default/files/images-documents/SDGA%20Action%20Toolkit%20EAC%20V3.pdf> |
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| **Poverty & the Climate Crisis – There’s No Vaccine** Hosted by Climate Justice Niagara on June 17th. What does social justice look like when no one has immunity against the climate crisis? <https://www.eventbrite.ca/e/poverty-and-the-climate-crisis-no-vaccine-tickets-157117640091> |
| **The *Say Yes! to Kids*** Campaignof the Anglican Foundation of Canada (ACC) thanks all those who have contributed to our fundraising team, ***Environment Network Diocese of NS & PEI*.** Haven’t contributed yet? It’s not too late. And, it’s easy peasy to donate on-line: <https://www.canadahelps.org/en/charities/the-anglican-foundation-of-canada/p2p/say-yes-to-kids/team/environment-network/> Prefer to send a cheque? It’s payable to the Anglican Foundation, ***Say Yes! to Kids*** in the memo line, addressed to: Anglican Foundation of Canada, 80 Hayden Street, Toronto, ON  M4Y 3G2. All contributions welcome! Help our team reach its goal! Just a little over a week to go . . .  1 Timothy 6:18  *. . .* ***To do good, to be rich in good deeds, and to be generous and willing to share.*** |
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| F:\DEN Enews\banners Hope & Inspiration.jpg  Please enjoy our gallery as we present poems from published author Carol Scott. All artists featured to date can be found in albums. Click on Media on this page: [https://www.facebook.com/groups/373394600384260](about:blank)  [https://www.nspeidiocese.ca/ministries/diocesan-environment-network/pages/den-hope-inspiration-art-gallery](about:blank) Contact us by email [endionspei@gmail.com](about:blank) |
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| C:\Users\cayla\Pictures\banners Advocacy.jpg |
| **Sustainable Development Goals Act –** Have your say from now until July 26th. <https://cleanfuture.ca/> To encourage dialogue with others and involvement in the consultations, the Ecology Action Centre has an Action Toolkit. <https://ecologyaction.ca/sites/default/files/images-documents/SDGA%20Action%20Toolkit%20EAC%20V3.pdf> |
| **In May of this year, the International Energy Agency (IEA)** declared that all oil and gas drilling must cease immediately — or we absolutely will face a climate disaster. There is no question that we need to switch to sustainable, green energy, and now. Take a stand for our planet and future by signing the petition! [https://www.thepetitionsite.com/en-gb/takeaction/464/923/361/](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.thepetitionsite.com%2Fen-gb%2Ftakeaction%2F464%2F923%2F361%2F%3Ffbclid%3DIwAR3IKqU4VuM5fCY8N_K2qHG14d8g3IOytB3YR40lItvHV5VcgclmlkwHZCk&h=AT0iTuPMfAufSszQA6QVqeTTwA6e-qSqFcFKMp_noOjxriBpbQJjgUrArN4UKyTcCKgw-AHWttX6RZeO7-vXsbswneqiFgmztVMOiGysmfAQDykFq6ScGCJNjySCVReualc) |
| Environmental Defence was able to track almost 18 billion dollars in subsidies in 2020 alone - imagine if that money was put towards protecting Canada’s natural beauty and fighting climate change! Let’s make sure the government stops using Canadian tax dollars to fund major corporations through fossil fuel subsidies.  [https://act.environmentaldefence.ca/page/79421/action/1?ea.tracking.id=action](https://act.environmentaldefence.ca/page/79421/action/1?ea.tracking.id=action&fbclid=IwAR1rZkgwdC36CQj2rIUStOp7XffIdmKviTGdY1lGsEiG4LiQPkP4qsxsIIk) |
| **The Baille Ard Forest and Trails** group have asked for our support by signing this petition. The trails are located in Sydney, NS, and are used daily and greatly valued by community members. It is a place where people can connect to nature and community, and it is an important natural sanctuary to many animals and plants. This forest is in danger of being destroyed through the creation of a number of berms throughout the trails. Further options, more assessments, and community consultation is needed. This forest has great worth to many and it is a home and part of the community for many. Thank you!  [https://www.change.org/p/council-of-the-cape-breton-regional-municipality-save-the-baille-ard-forest-2244e18a-ac19-4529-8085-dfffa90cd527](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.change.org%2Fp%2Fcouncil-of-the-cape-breton-regional-municipality-save-the-baille-ard-forest-2244e18a-ac19-4529-8085-dfffa90cd527%3Ffbclid%3DIwAR3SmXKNtXD7eSb5dOgfS8CCwybhnaw4RXHraQozdh3AcIWsKtPI-1CUVoY&h=AT1d1V_NccNu4hvRqv4Ut5Pg2LCr9cgOQtQLAN3QSPy5xwU1pOmAfCIfW1YOLn-MxIyI0L8BH_r3EPvPUuJ4lBszEozjiKwaLCPsslvKEX1EutpVRZo5ciHDHI9mxf0J1FI) |
| **Protect Canada’s old growth forests!** B.C. holds so much of Canada's biodiversity, but logging is still happening in 9 different areas of forest that should be protected. Industrial activity is destroying these forests, but community activity like signing petitions can help put an end to the destruction.  <https://act.greenpeace.org/page/81519/petition/1?locale=en-US> |
| **Goldboro LNG Plant** Pieridae Energy is asking for $1 billion dollars in financial assistance from the federal government to create the Goldboro liquefied natural gas plant in Nova Scotia. Instead, the government should be investing in clean energy and climate change solutions. Let’s join our voice together in saying NO to funding fossil fuel extraction! Please add a request for an up-to-date proper federal environmental assessment.  [https://www.support.ecojustice.ca/page/81542/action/1?ea.tracking.id=leadgen\_Facebook&en\_og\_source=FB\_paid&fbclid=IwAR3fi1ZfWhnm9apO2XSIsCfzfsEH\_pmbO05mMTLhkLAAkjzSrd-36Bvi-Fk](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.support.ecojustice.ca%2Fpage%2F81542%2Faction%2F1%3Fea.tracking.id%3Dleadgen_Facebook%26en_og_source%3DFB_paid%26fbclid%3DIwAR1SiUFoWOnHVgHZIe4Nq--tCtH8r9P60f0d2FkJTfd69ayWMlbESGS_-lo&h=AT1d1V_NccNu4hvRqv4Ut5Pg2LCr9cgOQtQLAN3QSPy5xwU1pOmAfCIfW1YOLn-MxIyI0L8BH_r3EPvPUuJ4lBszEozjiKwaLCPsslvKEX1EutpVRZo5ciHDHI9mxf0J1FI) |
| **Last November, the federal government tabled the *Canadian Net-Zero Emissions Accountability* (Bill C-12),** a piece of legislation that can put Canada on the road to achieving net-zero emissions by 2050. The bill has been held up in the House of Commons for the past few months, but this week we had a breakthrough. Bill C-12 has finally passed second reading and will now go before the Standing Committee on Environment and Sustainable Development for review and (very necessary) amendments. Ecojustice has prepared a letter for you to send to your MP and other federal leaders.  <https://www.support.ecojustice.ca/page/63016/action/1?ea.tracking.id=Email_2021_05_07_BreakingNews&utm_medium=email&utm_source=engagingnetworks&utm_campaign=bn.2021.05.07&utm_content=2021.05.07+Bill+C-12+ETT+advocacy+action+committee+members+B&ea.url.id=5296907&forwarded=true> |
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| F:\DEN Enews\banners Owl's head.jpg  **Save Owls Head Provincial Park!**  We are calling on the government of Nova Scotia to save Owls Head Provincial Park by stopping the sale and formally designating Owls Head Provincial Park. Owls Head Provincial Park is a Tier 1 (top-priority) conservation property with 45 years of promised protections.  **Stand up for our parks, sign the online petition**  <https://www.change.org/p/save-owls-head-provincial-park> |
| **Editor’s Note**: “Meet our Members” will be a regular feature as a way of introducing you to other members in the network and where their passions lie. We will start by introducing you to our DEN Coordinators and look forward to featuring others as the weeks progress. It is hoped you will be inspired by their stories and be encouraged to create your own. |
| **F:\DEN Enews\banners Meet Our Members.jpg**   |  |  | | --- | --- | | This week we introduce you to Nancy Blair, one of the three coordinators of the DEN. Nancy is a Psychotherapist, Environmentalist and also an Activist. She is a parishioner at St. Paul’s on the Grand Parade in Halifax. Nancy joined the DEN in September 2019. In March 2020 she took on the role of Moderator of the new Thursday Gatherings. She has continued this, and taken on the role of Coordinator and also leader of the first Ecological Grief Support Group. Working with the DEN has been an important source of purpose for her during this pandemic time. Working with like-minded people has given her strength as we live with Covid and the climate emergency. Also important to Nancy are her family, friends, and neighbours - human and more-than human - and her new role as a David Suzuki Foundation Butterfly Ranger. Nancy’s home is a favourite destination for the dogs in the neighbourhood - to visit her and her retired greyhound racer Taurus - and to share in a favourite treat. | C:\Users\cayla\AppData\Local\Temp\Profile-NancyBlair, JPEG, .jpeg | |
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| F:\DEN Enews\banners Raging Grannies.jpg  The Halifax Raging Grannies are back with an all new cast of characters! We would love to increase our numbers and are looking forward to more gigs when restrictions are lifted. There’s plenty to rage about! Contact quarterdeck@ ns.sympatico.ca. |
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| *F:\DEN Enews\banners Grandmas Going Green.jpg* |
| **GREEN STORY - FOG FENCES**  Finally! I know, Grandma has been talking about a fog fence all winter and spring. I finally have mine up.  This is not my idea. I did not think it up or make this on my own. I read the works of Dr Bob Schemenauer, a physicist, from Toronto. Yes, a Canadian created this idea. Yeah, Canada! The name of his group is Fog Quest. Look up the videos of his fog catchers in South America.  Dr Schemenauer had noticed, like many other people, that in the morning, especially after the fog rolled in, tree leaves had water droplets on them. The water dropped to the ground or evaporated. He thought about how he could collect the water. It would create a water supply from the air. This could be used anywhere that there is high humidity. The picture I liked best was of a desert next to an ocean. It was barren land before Fog Quest went there.  His test apparatus looks much like the one I made in the pictures below. He uses it to see if certain areas with low rainfall can collect water. It has much to do with prevailing winds and the amount of fog on a given day.  All you need for this is two upright poles, a net of some type, a trough and something to collect the water in.  My problem first was getting the uprights. In the end, I chose to get two post holders from a building supply store. The top is a box to fit a 4 x 4 and a long spike at the bottom.  Grandma believes in REUSING or REPURPOSING. When I replaced the 2 x 4’s in a bench last year there were a few good pieces that I saved. Cutting those in half and putting two together gave me my 4 x 4 base. From there I added two long pieces of wood found on the beach after a storm. I chose my position in a big garden box where my blueberry plants got iced out but gave me easy ground to pound in those spikes. Using screws (so they can be taken out easily when this is moved) I added the long pieces to the sides of the base of 2 x 4s.  I first used a black rigid garden netting strung across the uprights. I drilled a couple of holes so I could use cable ties to keep it in place.  The trough is part of a rain trough that came off the house in last year’s storm. The trough is held in place at the moment with nylon string. It is just 4 strings thick, fed through holes made with a hammer and nail and tied through predrilled holes in the upright wood. I tied it so one end is lower than the other. That big red bucket is placed under the trough.  Not rocket science I thought, but then it did take a physicist to put the first one together.  It still needs improvement. For example, the original netting isn’t efficient. It was suggested to use the material that furnace filters are made from or wide strips like in a snow fence. I changed it to loose netting this week and got more water.  The point being, MAKE ONE, then improve on it.  Dr Schemenauer uses this as a test model. Then he builds colonies of a hundred square meter fog fences on hills where the fog rolls over. The nets have a system of pipes that feed the water to cisterns in villages that are lacking water. It changes lives.  If women do not have to spend hours collecting water, they have time to do other things like gardening to feed their families better. Clean water means better health. Clean water means girls can go to school. Lots of water in the village meant to one lady that she could wash her kids daily and even wash her floor. Things we take for granted are a luxury to others.  Back to the fog fence. How can we use this here in Atlantic Canada where we have plenty of water. I first thought of the community gardens. In our gardens in Blandford we have a run-off from the community centre but come August there is not much rain. There is however lots of fog, particularly on August mornings. If a few of these could be set up in community gardens, then the gardeners won’t have to carry water to the garden. At home, I have gardens far from the house which means dragging heavy hoses up a hill every second day to keep everything growing. What if I built a small fog fence in several places and used that water for the gardens?  Someone this spring gave me the word REIMAGINE. It is my new favourite word. People use to laugh when I would ask how third world countries did this or that. Often I was told that someone dreamed this up because they are poor and don’t have what we have. Why not use anything made to help out a third world country to help ourselves? Just wait till I start on solar tubes for sunlight made from pop or water bottles.  If you want to see how fog catchers can be used differently and involve the culture of the people in a village look at Werka Water Towers. The device is made from local materials, usually bamboo. It is built by the village in most cases. It becomes the gathering place where women get water for their households or where men sit in the shade to discuss the business of the village. It even becomes the village school.  Dr, Schemenauer is a physicist. He could see how to test with a small fog fence and then make the huge collection systems. He still saw how this invention would impact the people, but his main concern is making the water collection system work. I’m the anthropologist who sees the big fog collector and looks to figure out how it can help the people. I saw the large collection systems 2 years ago but saw the test apparatus around November. My head works on a different bandwidth than Dr Schemenauer, but we both can use the idea of water collecting on the leaves of trees on a foggy day.  Make a fog catcher. Change the direction of your test site. Try different types of nets. I have only had 3 foggy days since mine was constructed but I can say, IT WORKS. Now it is up to me to improve its efficiency.   |  |  | | --- | --- | | Laying out the pieces as they are cut and drilled. | Fog fence with its new netting. | |
| |  |  | | --- | --- | | **Tic Tac Toe Game**  Although scrap paper and a couple pencils are the common way to play the game, making your own game board can be fun and reuse items that may go to the trash.  The board is a piece of a cereal box cut in dimensions to make a perfect square while still divided in three (15 cm square worked well)  Decorate your board with markers, crayons or pieces of contrasting paper.  The playing pieces in this case were water bottle caps painted a different colour for each player. They can be coloured with paint, markers or even nail polish.  To make this game perfect for a road trip, glue magnets to the back of the board and glue washers inside the bottle caps. | Another idea is to take 10 paper plates and write x’s on the back of five of them and O’s on the other five. With masking tape, draw out a grid and play Tic Tack Toe on the floor. Have fun | |
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| **SOMETHING TO EAT**  This week I am sharing what I made for our kids every summer. Some years we went into more of a Christmas in July idea using Chocolate Fruit Cake for desert. It was a good way to use up what was in the baking cupboard and learn what needed to be picked up for fall baking. As you cook it long and slow, it doesn’t heat the house as much. Now get very lazy and throw some chops or homburg patties into a roaster with carrots, turnips, potatoes, even cabbage. Throw in some water and a few spices and let it cook along side the cake for a few hours. Then go play with your kids.  Chocolate Fruit Cake  1 cup brown sugar  1 cup flour  ½ cup nuts  1 cup fruit (raisins work or add in candied fruit)  ¾ cup chocolate chips  ½ cup butter  4 eggs (but 2 will work)  Vanilla, cinnamon, and ginger  Mix together, turn into a well greased pan and bake 3-4 hours at 250F |
| Grandma loves hearing from you at [caz@grandmasgoinggreen.com](mailto:caz@grandmasgoinggreen.com). Till next week, Grandma is sending hugs |
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| C:\Users\cayla\Pictures\banners DEN video link.jpg  <https://www.nspeidiocese.ca/ministries/diocesan-environment-network/pages/den-videos> |
| **Fragile earth**  God by whom our fragile earth is blessed, make us servants of your creation, respecting and protecting all that you have made.   Teach us the joy of field and flower, the splendour of forest and tree, the grandeur of ocean and river.   Make us yearn for a world where all may flourish. Show us how to walk gently on the earth and hold all in trust for future generations. Amen.   *Anne Marie Coppock/CAFOD* |