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| **May 18, 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 social media and liturgies, connect with other environment groups, pray together, celebrate art with each other and grieve together. |

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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 |

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| C:\Users\cayla\Pictures\banners upcoming events.jpg |
| |  | | --- | | **Thank you to those who joined us on The DEN Journey this past year.** Our weekly Thursday night gatherings are taking a break for the summer but our advocacy and work for our earth continues. We would love to hear about your activities as you enjoy the summer months. Indeed, we want to celebrate each and every one of you and your efforts. Please keep us up to date and we will share your stories. [endionspei@gmail.com](mailto:endionspei@gmail.com) | |

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| **Praying with the DEN Community** Morning Prayer will be on the first Friday of the month for the summer. Join us on June 4th, 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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| **DEN Ecological Grief Support Group:** There will no meetings during the summer. |

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| **Open Dialogue Live – Climate Law and Human Rights** – Wednesday May 19,2021. How can climate law and human rights approaches to litigation help to reduce and remedy climate harms? Click on this link to register:  <https://alumni.dal.ca/events/open-dialogue-series/?utm_source=Dalhousie+Office+of+Advancement&utm_campaign=fc5838dd16-EMAIL_odl-climate-law&utm_medium=email&utm_term=0_9581d45f60-fc5838dd16-41368349> |

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| **PWRDF Webinars in May-** In Canada Emergency Response Guidelines. What are the guidelines for dioceses to request support from PWRDF. Wed. May 19 ay 2 pm ADT. Register at <https://zoom.us/meeting/register/tJIpc--spjktHNFIpxtJ_vszukfSMcZDO9lI>  **Faithful Climate Conversation Part 2 From Concern to Action**. May 25, 3-5 pm ADT To learn more contact [kumbach@pwrdf.org](mailto:kumbach@pwrdf.org)  **Fundraising Webinar – A Light for Every Birth** – Promoting solar suitcases for the All Mothers & Children Count Program. We encourage all Diocesan Representatives to attend and share with Parish Representatives in your network. Wednesday May 26 at 4 pm ADT. Zoom registration link to come. |

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| **Say Yes! To Kids – Raising Funds for the Anglican Foundation of Canada** May 23 – June 13 join us for a community cleanup and fundraiser for post-pandemic programs for children, youth and young adults in Canada. *“Through this campaign AFC will fund initiatives that help young people rise above cycles of poverty and hardship,” says Canon Rois. “With the support of Canadian Anglicans, we will invest in a brighter future with better learning outcomes, diverse enrichment opportunities, improved health and well-being, and restored faith and community connections.”* For more information:  <https://www.anglicanfoundation.org/kids/?fbclid=IwAR0Vy-MkgEFMrk3xb15A_thd8_YwC3eirGH-70jDQ7a_LfYn_byI_lvoIzE>  https://www.canadahelps.org/uploads/p2pcampaign/0/7612/Say%20Yes!%20to%20kids%20oblong_5_CanadaHelps_cBT31PG.png |

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| C:\Users\cayla\AppData\Local\Temp\Explore the Universe(1).jpeg | **Explore the Universe & Introduction to the Night Sky** launches this Saturday, May 22nd. You can sign up after this date but you will miss the chance to meet the resource team and other participants. The program is self-directed and unfolds over a period of 6- 12 months. The Deanery will offer support with occasional resources, periodic talks and the cultivation of a network of skywatchers. For more info:  <https://www.rasc.ca/explore-universe>  To register email the [deaneryproject@gmail.com](mailto:deaneryproject@gmail.com)  There are a few spots left in the **Natural Building** **Online**  series June 3, 10, and 17th. 7-9 pm on zoom. $75. +HST. A participatory series looking at strategies and materials used in natural buildings, grounded in permaculture design principles. The journey begins with siting and continues with wall systems, roof and foundation options and natural finishes.  To register:  <https://docs.google.com/forms/d/e/1FAIpQLSfcnE0b1>  TLgLinJXPe39r\_7g0oifTdOXjXqrMPJVCWsJCv2kQ/viewform |

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| F:\DEN Enews\banners Hope & Inspiration.jpg  Please enjoy our gallery as we launch the work of our newest painter Helen Shindeler. Our Gallery can be viewed at [https://www.facebook.com/groups/373394600384260](about:blank) or  [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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| **The Ecology Action Center is celebrating 50 years with “50 things: A Province wide, Interactive Art Adventure!”** They are opening up 34 micro-commissions for ecological/environmental art pieces inspired by themes, stories, people and places connected to the EAC and our history of environmental advocacy from artists across media, from everywhere in the province.  For more detail including commissioning fees, timelines, and more, head to  [https://zuppatheatre.com/call-for-artists-from-the.../](https://zuppatheatre.com/call-for-artists-from-the-ecology-action-centre-zuppa-theatre/?fbclid=IwAR1kCkJAQcTZA_UwYrKAeaH8ABu8mIb4mp9VKu6O-if6UBiBd3dynhSre5k) ...and please share far and wide!  We’d love to hear from you! Submissions close May 28! |

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| **“Biodiversity hotspot” primed for logging.** Informative article in the Halifax Examiner. <https://www.halifaxexaminer.ca/environment/biodiversity-hotspot-primed-for-logging/?fbclid=IwAR3xgM60OAsHX0G_jGnt70X8mCm-SJ097pG07ZB-guetSkOzsWboNW-h2ac> |

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| **Sent to us from Kairos Canada - Recon Africa** I just wanted to send you all an update on Canada-Okavango solidarity action.  The group that has been meeting in Canada has drafted a sign on letter for Canadian-based and international organizations to tell Canadian officials to hold ReconAfrica accountable for their oil and gas plans in the Okavango Delta.  Thank you Rachel for all your input on the draft!  KAIROS National has signed on.  Sign-ons are due by the end of the day on May 27.  Please share widely.  Read the letter here: <https://docs.google.com/document/d/15T7zFcgAnpPPc1EI_2SEc7TBC1WBt9Pj/edit>  Sign the letter here: <https://docs.google.com/forms/d/e/1FAIpQLSdGnzxl1YhdcLYGBYdl-e_48EWUvJa91XYHUcPU4GvG3AmoNg/viewform>   A day of action is being planned for either June 4 or 5.  Part of that day of action will include delivery of this letter to officials.  I’ll share more details for that day when they are confirmed.  Let me know if you have any questions! |

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| **Say NO to Big Oil and Federal funding for the Goldboro LNG plant in Nova Scotia.** For more information, please view the Council of Canadians webinar “If I had a Billion Dollars – Fighting Back against fossil fuel subsidies” <https://www.youtube.com/watch?v=1bsrgHlcqYM>  To sign their petition to reject the billion dollar subsidy: <https://canadians.org/action/reject-pieridae-energys-billion-dollar-lng-subsidy>  To sign a petition from EcoJustice, <https://www.support.ecojustice.ca/page/81542/action/1?ea.tracking.id=leadgen_Website&en_og_source=website> |

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| **Coal Mining** Coal fired power plants produce so much air pollution, contaminated waterways and greenhouse gas emissions that the Canadian government is phasing out their use at home. However, the mines are still allowed to operate and export thermal coal. There are two petitions:  <https://act.leadnow.ca/thermal-coal/?utm_source=leadnow&utm_medium=email&utm_campaign=blast2021-05-10>  <https://act.environmentaldefence.ca/page/82104/action/1?ea.tracking.id=zss6ncgg&fbclid=IwAR2wlDqYRj0x95mfAytBQ8wuK2dIJtVRWHNmMevR52rM78mxMunzreXePNY> |

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| **Reject Fish Transfers into Discovery Islands Salmon Farms** New research shows that wild salmon  passing through these net-pens are becoming infected with a bacterium and sea lice. For more information and to sign the petition:  <https://davidsuzuki.org/action/reject-fish-transfers-into-discovery-islands-salmon-farms/?utm_source=mkto-second-oceans-link-body&utm_medium=email&utm_campaign=aquaculture-fishTransfers-en-14may2021&utm_content=pleaseAskMinister&mkt_tok=MTg4LVZEVS0zNjAAAAF9CgtIMgYsLMCxFJWEySiZWOOHTQVMn3ydYhUeyUNvBcqQmnYk-WODNyJpzkqTPqJAtVoDSqmB1TFVPhLgG63H-TgXGvRBXEUKr3uUxZ9rbnZcpg> |

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| F:\DEN Enews\banners Interesting Read.jpg  Kairos Canada has sent us this link concerning the announcement on divestment from The World Council of Churches, the Global Catholic Climate Movement, Operation Noah, Green Anglicans and Green Faith <https://docs.google.com/document/d/1lna-FnebQu0AvamI88ydDIFLKXHB_kDop8-rI1ZIses/edit?ts=6091714a> |

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| F:\DEN Enews\banners Owl's head.jpg  From the website: <https://saveowlshead.org/artists-for-owls-head/?fbclid=IwAR2X2O-F2qHqJhjdVdmA7Zibk7mKI0wloW1mDNJj0g2ntGVqsLo3Oq91z0w>  *“Nature is painting for us, day after day, pictures of infinite beauty.”*  – John Ruskin Beloved Nova Scotian artist [Joy Laking](http://www.joylakinggallery.com/) has devised an art-based awareness initiative: Artists for Owls Head. We are looking for artists, photographers, songwriters, poets, sculptors, and other creative folks to help capture the rugged beauty of Owls Head Provincial Park. We invite submissions on the theme of saving Owls Head Provincial Park, in the medium of your choice. Paintings, poems, songs, and sculpture are all welcome. |

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| F:\DEN Enews\banners Interesting Read.jpg  **Preaching when life depends on it – climate crisis and Gospel hope. How do you frame the climate emergency in terms of Christian theology?**  <https://journals.sagepub.com/doi/full/10.1177/00033286211007431> |

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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. There’s plenty to rage about! Contact quarterdeck@ ns.sympatico.ca. |

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| *F:\DEN Enews\banners Grandmas Going Green.jpg* |

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| **Green Story**  **This week I want to talk about ocean clean up.**  To really talk about cleaning the ocean you need to think RIVER clean up. Plastic flows from rivers to the ocean plus mix in the trash thrown in the oceans from boats and land masses and we have a big plastic mess. Rivers clean up is another week’s story.  Grandma believes plastic itself is NOT BAD, it is how we humans treat plastic and how we get rid of plastic that is bad, for right now.  So, we need new ways to use plastic, recycle plastic, repurpose plastic, REIMAGINE plastic.  Let me tell you a bit of history and how one group is working on cleaning up the oceans.  Step back in time a bit and talk about Midway Island in the Pacific Ocean. Let us go back to 1970-80 when this tiny island once had a US Air Base. Every month the commander of the base employed his men to clean the plastic from the beaches. It was gathered up and towed away to ***A*** barge to a “landfill” stateside. Then the base was de-commissioned, and no one cleaned the mess anymore. Guess what happened?  Then think of those stories of the Great Pacific Garbage Patch. Yes, it is the size of Texas (or bigger by now). It is located about halfway between California and Hawaii., not too far from Midway Island. Currents move the trash in the North Pacific so that it floats in long narrow bands of debris to a central point and then build up forming a trash island.   |  |  | | --- | --- | | It's estimated that between 1.15 to 2.41 million tonnes of plastic are entering the ocean each year. | Cleaning of the Pacific Garbage Patch – The Quill | | Long narrow band of trash Photo by Forbes.com | Part of the Great Pacific Garbage Patch, Photo by Davidmarinelli.net | |

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| **That is the Pacific story. What about the Atlantic?** Two places come to mind: the Sargasso Sea and around the Canary Islands.  The Saragasso Sea grows a particular seaweed called a floating sargassum seaweed. There are fictional books written where ships get caught in the seaweed and can not go forward. Being in the Bermuda Triangle puts another horror spin to those stories. Science tells us that the seaweed is not one big mass but individual groupings and allows navigation. These days, plastics floating nearby just get caught in the weed and in time builds up into a floating seaweed and plastic combo.  The Canary Islands near Spain, a group of Apelles, (think like the Magdalene Islands) have large number of plastics washing up on their beaches. The Canary Islands tell the Atlantic story. Where in the Pacific the trash is whole or broken large bits of recognizable plastic, the Atlantic trash contains a lot of micro plastics. Tiny bits of plastic that floats in the water and are digested by sea birds and mammals.   |  |  | | --- | --- | | Greenpeace - Sargasso Sea off Coast of Bermuda  Saragasso seaweed. Photo by Greenpeace | Micro plastic Photo by researchgate.net |   How can we clean an ocean of this much plastic or debris? One group that is working on this is simply called The Ocean Cleanup Group  The Ocean Clean Up Technology looks like an oil slick boom. It is comprised of 600-meter-long flotation devise with a skirt to catch the plastic. It is loaded with tech gear and sensors to allow constant monitoring. The boon floats in a U shape and moves with the wind and the currents. The debris floats into the horseshoe shape containment field and stays there until collected and taken away.  The idea is to collect the trash before it reaches the Garbage Patches and become Trash Islands. In time trash will break off from the patches, be collected and reduce the size. It is a matter of having the money to keep the projects going till we can change what is happening right now. Making products from the debris is a topic I love, and so many stories to come.  This video explains the ocean cleaner <https://www.youtube.com/watch?v=O1EAeNdTFHU> or simply go straight to the Ocean Clean Up site at <https://theoceancleanup.com/> Although this is a fantastic group doing great work, it isn’t the only group  I just discovered <https://plasticoceans.ca> There are hundreds more groups and stories. What is a story you discovered? What group do you know of? Anyone doing anything that helps our planet is a green hero. I want to brag about them. Let me know at caz@grandmasgoinggreen.com |

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| **Time to do some craft work.**  **Bottlecap Art**  Over the past few years, Grandma did a few projects to help explain how bottle caps hurt our environment.  Each year, hundreds of thousands of sea birds and mammals die due to bottle caps and other plastic debris. They mistake the plastic for food. Bottlecaps fill their stomachs, not allowing food to pass through their systems. Sea birds and mammals die of starvation.  Let your imagination create a sign, poster, or other artwork for the environment. Otherwise put your bottlecaps in a separate bag inside your blue bag so they can be sorted correctly at the recycling facility.  In the picture on the left (Canada 150), red caps are painted water bottle caps where the white is a variety of caps saved for this purpose. The picture on the right was completed by our children at the Community Roots Camp in 2019 and taken to the Environment Fair that fall. A plumber’s leak repair adhesive, at hardware stores, was used to affix the bottle caps to the poster boards.  Just keeping bottlecaps out of the Ocean   |  |  | | --- | --- | |  |  | |

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| Something to Eat.  I often pick up at the grocery store, what we use to call as kids, “ice cream cookies”. Most people call them vanilla wafers. A local restaurant here served a dish of ice cream with 2 of these cookies. They became ice cream cookies in our family. Then I discovered people crushed them up and made other sweets out of them. That led to decades of finding recipes. One of my favorites is Orange Balls as they are easy to make with toddlers, giving them a sense of accomplishment. Yummy too.  **Orange Balls**  1 package of vanilla wafers, crushed.  1 cup of icing sugar  ¼ cup butter  ½ cup orange juice  ½ tsp. of vanilla  1 cup of your choice or a mixture of pecans, almonds, walnuts, pumpkin seeds, hemp heart, sesame seeds, coconut or whatever is in your cupboard.  Combine wafer crumbs, sugar, and butter together.  Add in the rest and mix.  Shape in balls. Roll in icing sugar or coconut.  Store in single layers between wax paper.  Taste extra good if you can leave them alone overnight. So great for those teas or bazars we will be allowed to have soon. |

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| Send any stories to [caz@grandmasgoinggreen.com](mailto:caz@grandmasgoinggreen.com) Until next week, Grandma’s 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>  Mo. Marian Lucas Jefferies sermon Ascension Sunday from the Parish of New Germany:  <https://www.youtube.com/watch?v=9SRPWKKvOt8&t=7s>  **Creation Care in Places of Worship: Challenges and Opportunities** hosted by the Diocese of Ontario Green Group. <https://www.youtube.com/watch?v=DZiZFowBfbg>  The question and answer session can be found here: <https://www.facebook.com/groups/diocese.of.ontario.greengroup/permalink/2819755684816133/>  Another video from this group on Foundation Heat Loss: <https://www.facebook.com/groups/diocese.of.ontario.greengroup/permalink/2959422857516081/>  Interview with Kelly Schnare from the Watermark Project  <https://www.youtube.com/watch?v=d2hovx7aAqI&t=1s> |

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| A prayer composed by a group of DEN members led by Rev. Tori Byrne at a Thursday evening gathering:  Dear lord, show me the way  Help me to make compost this day  With Greens and browns and coffee grounds.  And as I do my daily rounds  Please Let the wriggling worms be found  So that my garden may abound  And so with love, the world surround.  Amen |