

KiwEE News^{No.15 (June 2015)}

NZ Association for Environmental Education www.nzaee.org.nz

Facebook News Visit & Like our Facebook page at www.facebook.com/NZAssociationforEnvironmentalEducation
If you have items that you would like posted on the page, please contact Chris Eames c.eames@waikato.ac.nz.

IN THIS ISSUE :

Comment from the Chair

News

NEW Book published

Stoat Tails Wanted

Predator Free NZ

The Million Metres Streams Project

Rewild the Child

Enviroschools name changed

News from the Branches

BOP events

Conferences:

NZAEE Conference 9-12 Feb 2016

Coasts and Ports 15-18 September 2015

Resources

Research

*People, Planet and Consumption:
Investigating young New Zealanders*

Co-chair Comment

Kia ora koutou,

“What’s on your mind?” Facebook empathically asks me ... “oh, so much flooding and hot air I could not think to bore you...”

“Think Ahead, Act Together” was on some leader’s minds this week in Germany as the G7 collectively agreed to cut greenhouse gases by phasing out the use of fossil fuels by the end of the century. What a hairy, scary, ambitious vision ! But without it, where will we be by 2100? Probably somewhere very scary indeed!

So what has NZ been up to?

As you probably know, in December this year, countries including NZ will meet in Paris to sign an internationally binding climate change agreement under the United Nations Framework Convention on Climate Change.

Last month saw the publication of the discussion document *“New Zealand’s climate change target: Our contribution to the new international climate change agreement”*.

If you were quick, you managed to hear about it, read it, get along to a public meeting and write a submission prior to a 3 June deadline. Are you thinking what I’m thinking? Yes, this was a very tight consultative period, but thankfully over 10,000 submissions were received.

For such an important process that will outline our country’s Intended Nationally Determined Contribution (INDC) to tackle climate change it was disappointingly brief and light on detail. This was a real opportunity for environmental educators, however just too brief for many of us to get our heads around the issues and engage in debate, let alone share this with others in educational inquiry.

What is on my mind this month is therefore how best to connect and communicate about critical opportunities and issues with Government agencies, NZAEE branches and each other so these chances don't pass us by. We should be pooling our collective knowhow and practices efficiently to be an effective voice for Education for Sustainability.

Our NZAEE Facebook page is just the start. Please join and share your ideas, events and opportunities so we can all leverage our strengths and do what we do best in collaboration for a sustainable future.

Nga mihi mahana,

Davina

News

NEW Book published

This is effectively the second edition of *Education for Sustainability in the Primary Curriculum: A guide for teachers* (2009). The new title and style reflects a shift to a new publisher. The book features completely revised and updated content as well as new chapters on indigenous perspectives and sustainable gardening.

Educating for Sustainability in Primary Schools: Teaching for the Future

Neil Taylor, Frances Quinn and Chris Eames

Education for Sustainability is a key priority in today's schools, as our society seeks to find a balance between environmental, social, cultural, political and economic imperatives that affect our future. Young children will become the next generation of adults, so it is vital that they are educated about sustainability issues, to learn to make informed decisions and take positive action for a sustainable world.

Teachers are ideally placed to educate for sustainability issues, and indeed have a responsibility to do so. However, they often lack support and experience in this area, and constraints of current curriculum priorities can inhibit Education for Sustainability being taught effectively in many classrooms.

Educating for Sustainability in Primary Schools: Teaching for the Future addresses this problem by showing how Education for Sustainability can be developed within and across all areas of the primary curriculum in the Australian and New Zealand contexts.

The book provides a range of educational approaches and examples of activities to support teachers in addressing national requirements for teaching the major primary curriculum learning areas, while simultaneously educating for sustainability.

This integrative approach to primary education can promote knowledge of, positive attitudes towards and suitable action for sustainability in relevant, meaningful, enjoyable and creative ways. This book is a valuable resource for all primary teachers who wish to make a real difference to educating children for the future.

Paperback US\$43.00/€39.00

ISBN 978-94-6300-044-4

Sense Publishers

Available now from Fishpond at

<http://www.fishpond.co.nz/c/Books/q/taylor%2C+Quinn+and+Eames?rid=196836451> for approximately NZ \$70 including delivery.

Stoat Tails Wanted

Didymo Dave makes fly fishing flies from stoat tails, selling them in Taupo to fund his own local conservation projects. If you, or any connections you may have, predator trap and are keen to help out, please send stoat tails wrapped in paper to David Cade PO Box 350 Taupo. 027 240 9603.

The flies are great for harling, and are good for night fishing at river mouths. Available in Rod 'n Tackle Taupo and Windsor Lodge, Waitahanui. David has a number of trapping and weedbusting projects on two of the tributaries leading into the Great Lake Taupo.

"Didymo Dave" is an environmental warrior, conservationist and survivor, who protects and prowls central North Island waterways, with the energy of an "Eveready bunny on steroids".



David Cade from DOC's 'didymo team'. Photo / NZPA

Holidaymakers who flock to Taupo in summer have a fair chance of bumping into David Cade if they go anywhere near lakes and rivers, as he works right through the holiday period to keep the waterways pure.

Part of the Department of Conservation (DOC) "didymo team" he sees himself as an educator, someone who builds relationships, and a person who cares enough to make a difference to an under-threat environment.

Some don't take kindly to his zealous efforts to prevent didymo - the microscopic organisms of rock snot or *Didymosphenia geminata* - spreading to the trout-rich waters around Lake Taupo.

He doesn't care. Gang members don't frighten him, nor do irate athletes or those who stuck catfish up the exhaust pipe of his car.

If people are abusive he doesn't take it personally. But you wouldn't want to annoy him - while he was fishing the Hinemaiaia River south of Taupo, a rat ate half his lunch: to date he's killed 236 of its mates.

Predator Free NZ

Predator Free NZ Predator Free NZ has a goal to protect our endangered native species by eliminating the threat of predators and aims to inform, connect and inspire, while also examining the economic, social and cultural impact of large-scale pest control in New Zealand. Check out their five areas of focus for 2014-17

www.predatorfreenz.org/theplan/#inspire

The Million Metres Streams Project

The Million Metres Streams Project is a non-profit project set up to restore the health of New Zealand waterways, metre by metre, stream by stream. Our aim is to reach a million metres, and we need your help.

<http://millionmetres.org.nz/>

Rewild the Child

George Monbiot argues that the more time children spend in the classroom, the worse they do at school because the narrow UK education system only rewards a particular skill set. He says that when you take failing pupils to the countryside, they often thrive – yet funding for outdoor education is being cut. George took a group of children to the seaside with the adventure learning charity WideHorizons. See the result....

<http://www.filmsforaction.org/watch/its-time-to-rewild-the-child/>

During April the name of The Enviroschools Foundation changed to Toimata Foundation.

Over the last 15 years our organisation has grown from supporting a handful of primary schools to supporting nearly 1000 schools, kura and early childhood centres. Participants range from children in early childhood, primary and intermediate to secondary school students, post-school youth and communities in both English and Māori settings.

We work with this wide network through two programmes: Enviroschools and Te Aho Tū Roa.

We are stepping into the name Toimata Foundation to support the continued growth of Enviroschools and Te Aho Tū Roa, and future new phases of development.

Toimata is a concept from Dame Katerina Te Heikoko Mataira. The name evokes ideas of creativity and craft, sustainability and vision. The takarangi design depicts all life nestled in the embrace of Ranginui and Papatūānuku and their love that flows to us here in the present, to all who have gone before and all generations to come.



News from the Branches

Bay of Plenty Branch NZAEE

Kia ora everyone

I hope you had a lovely long weekend. We spent the extra day making our home more energy efficient for winter installing draft stoppers under our doors and hanging thicker curtains. Next weekend I plan to wrap our hot water pipes to reduce heat loss. If you've got a great sustainability tip for the season, why not email it in to share in the next REEF newsletter. In the meantime, check out what is happening in our rohe for June, through members in various groups:

EVENTS

Coastcare Planting this winter

Coast Care Bay of Plenty invites schools to join us dune planting this season (from now until September). Every winter, Coast Care volunteers put in over 100,000 dune plants at our local beaches. We are well set up to work with school groups, and can provide additional educational opportunities to extend students' learning about the dune environment. The Coast Care team can be contacted by email at coastcare@boprc.govt.nz or calling us on 0800 884 880.

Tauranga Moana 2015 Matariki Festival

15 June-18 July

There's a whole festival of events to celebrate Matariki or Māori new Year. The one I'm most looking forward to is "Matariki and the Night Sky" presentation at the Fergusson Park Observatory. Check out the full calendar of events: http://econtent.tauranga.govt.nz/data/libraries/files/a-z/matariki_programme.pdf

Cafe Scientifique - MacDiarmid Institute for Advanced Materials and Nanotechnology

Mon 20 July, 7:00pm

Café Scientifique – a place where anyone can come to explore the latest ideas in science and technology in a relaxed setting. Topic: To be confirmed. Presentations start at 7.00pm at the Tauranga Yacht and Power Boat Club. There is a \$5 entry charge with tea, coffee and light refreshments available from 6.30pm.

For more information, email julia.banks@saffronconsulting.co.nz

Bike Wise ‘favourite place to cycle’ - The Redwoods

Winter is a great time to go exploring- and some of the best places are on our back door step. Kiwis voted *The Redwoods* in Rotorua as NZ's favourite place to cycle. Check out some other great cycling opportunities in the Bay of Plenty highlighted by the Bikewise team. <https://www.bikewise.co.nz/places-cycle/bay-plenty> . And if you're cycling on the road, Bikewise also has great tips to Be Bright this winter and make sure you're seen.

Ngā mihi

Stephanie Macdonald | Community Engagement Advisor | Bay of Plenty Regional Council | Tauranga, New Zealand | Ph: 0800 884 881 extn 8147 | Web: www.boprc.govt.nz

Conferences

NZAEE Conference 9-12 Feb 2016 -save the dates!

The New Zealand Association for Environmental Education (NZAEE) is proud to bring their biennial conference to Auckland in 2016 with the theme of Activate, Agitate, Advocate

<http://nzaeconference.co.nz/>

Coasts and Ports 15-18 September 2015



Resources

Educating for Sustainability in Primary Schools: Teaching for the Future by Neil Taylor, Frances Quinn and Chris Eames

This is effectively the second edition of Education for Sustainability in the Primary Curriculum: A guide for teachers (2009). (see more about this book reviewed under News, above).

3D Film Flight of the Butterflies could be coming to your school

The Moths and Butterflies of New Zealand Trust is bringing the 3D film FLIGHT OF THE BUTTERFLIES to New Zealand. This film has received rave reviews all around the world since it was first released a few years ago. You can see the [trailer](#) online. The Trust is working hard to raise funds so that screenings for schools can be subsidised, making it more affordable for more classes to see the movie.

To be considered for a subsidised screening they are asking your school to send in paper monarch butterflies, coloured appropriately, as per the template provided and with your school name on the inside.

Download the [template](#) for the butterflies. These paper butterflies will be used in an artwork of overwintering monarchs at the premiere screening.

Paper butterflies should be sent to: MBNZT, PO Box 44100, Pt Chevalier, Auckland 1246. Please send your butterflies before June 16. Five schools will win places on their online Create Butterfly Habitat Course. If you have any questions, please contact braenz@gmail.com

Friends for Sharks

Kathryn Hodgson and Nicholas Curzon from the shark/marine conservation cause Friends for Sharks are currently touring New Zealand for six months providing free educational talks for schools, universities and adult groups throughout both North and South Islands. They are particularly interested in visiting Enviroschools (from kindergarten through to secondary age groups). We can visit schools for an assembly talk or can spend a day visiting individual classes and our talks are tailored to age groups ranging from 4 to 18 year olds. During our talks we discuss the following:

- Basic shark facts
- Why sharks are important i.e. for the health of our oceans, cultural importance
- Great White shark facts, myths & misconceptions
- The plight of sharks
- What people can do to help

We focus on our experiences of working with sharks (we were both Great White shark wildlife guides in South Africa) and we encourage people to connect with the oceans and conservation. We try to dispel fear, involve story-telling and discuss why the media isn't always accurate and has taught us to fear sharks unnecessarily. We aim to encourage students to think for themselves, use their voices for positive change, learn about the environment around them and not always believe everything they find on You Tube and other social media. We also relate shark behaviours to those that schools focus on, such as respect, tolerance and consideration of others.

Please visit the website for more information or to request a school visit <http://www.friendsforsharks.com/> <http://www.friendsforsharks.com/world-tour-2015/testimonials/>

An Introduction to Foraging For Children

Julia Sich has a passion for all plants, especially wild 'weeds'. She is a keen forager, photographer, health researcher and sustainable food grower. She loves to share her knowledge through workshops and is now offering "An Introduction to Foraging For Children". This workshop includes Nature walks to locate and identify plants growing around us; Introducing the role of weeds in nature - why they are there; Which ones are safe to eat and how to identify them; Which ones are not safe to eat and why; Introducing the nutritional and medicinal value of wild plants; Make a green nutritious smoothie with wild plants and fruit or Make a pressed salad and Involvement in preparing the food. For more information Email (preferred) info@juliasedibleweeds.com or ph 0274308471 or visit www.juliasedibleweeds.com

Te Hīkoi a Rūaumoko/ Rūaumoko's Walk video

Check out this new bilingual resource from Hawkes Bay Regional Council for early childhood educators on earthquake risk. A range of resources has been created, including a bilingual book based on Kahungunu legends relating to local hazards, waiata/songs, a one-page service emergency plan template, a kaiako/teachers pack with teaching and learning ideas, and bilingual child-friendly emergency planning resources, to distribute to whānau/families.

<http://www.hbemergency.govt.nz/education/me-noho-takatu>

NZ Landcare Trust

Useful Publications There is a very useful set of publications on the NZ Landcare Trust website including NZ Lizard Conservation Toolkit and a Guide to Freshwater Invertebrates in NZ. Check them out at www.landcare.org.nz/publications/online-Resources Kararehe Kino

This publication contains the latest on vertebrate pest research from Landcare Research. Contact thomsonc@landcareresearch.co.nz to go on the list for notification of Kararehe Kino's publication. The March publication can be downloaded online <http://www.landcareresearch.co.nz/publications/newsletters/kararehe-kino>

Research

Help for PhD Research

I am undertaking a PhD with the topic being

People, Planet and Consumption: Investigating young New Zealanders' environmental awareness and its impacts on their consumption practices.

If you are a New Zealand citizen aged between 18 and 28 years, I would like to invite you to participate in a research study to share your views and thoughts relating to sustainability, environmental challenges and how you think consumption might be a part of these issues.

My name is Jo Bailey and I am a Kiwi who lives in Hamilton, but undertaking a PhD research study through the University of Western Sydney.

This research has not been undertaken in New Zealand before, so if you are interested in participating by undertaking a short questionnaire, interview and/or participating in a focus group, then please contact me at

jo@wilss.ac.nz 0274 398666 or on my website <http://jo6565.wix.com/peopleplanetconsum>

Your 2015 NZAEE National Executive

Please feel free to contact your national executive members at any time.

Davina Hunt	Co-Chair	davinarhunt@gmail.com
Rhys Taylor	Co-Chair	anneandrhys@farmside.co.nz
Chris Eames	Waikato	c.eames@waikato.ac.nz
Michelle Elborn	BOP/HB	michelle.elborn@tauranga.govt.nz
Pam Crisp	Wellington	pamdcrisp@gmail.com
Sally Birdsall	Auckland	s.birdsall@auckland.ac.nz
Nathan Parker	Southern	tuataraeducationalactivist@gmail.com
Jocelyn Papprill	Canterbury	jocelyn.papprill@ecan.govt.nz

National Co-ordinator

Debbie Courtney nzaeecontact@gmail.com