

Nelson's newest recreation hub is now open! Head down to Waahi Taakaro golf course with your bike, walking shoes or golf clubs to see what the Maitai Recreation Hub has to offer. **Read the story on page 2.**

5,500 LIMs updated – what you need to know

Nelson City Council has new and updated information on liquefaction and fault rupture after it commissioned a series of independent, region-wide assessments as part of its responsibility to investigate potential risk from natural hazards.

The assessments identified areas in our region that may be potentially susceptible to liquefaction, fault rupture and deformation. Council is contacting people who own properties in the identified areas.

As part of the legal responsibility of having this new hazard information, approximately 5500 homeowners in Whakatū Nelson will have received a letter alerting them to new Land Information Memorandum (LIM) notations on their property files. Letters were only sent to owners of properties that do not have an existing LIM notation relating to liquefaction or fault rupture. Where a LIM notation already exists, it will be updated to reflect the recent information and property owners will not receive a letter.

Group Manager Environmental Management Clare Barton says Council's responsibility to keep residents informed about natural hazards is an important one.

"As a Council, in addition to our legal and regulatory obligations, we feel it's important property owners are kept up to date and informed about any potential hazard information that may affect their property, particularly people that are considering developing, purchasing, modifying or changing the use of properties in some way."

Liquefaction, fault rupture and deformation

The Nelson region contains eight known fault lines – Flaxmore, Waimea, Eighty-Eight, Jenkins, Whangamoa, Bishopdale, Grampian and Hira faults.

The updated reports and maps show areas where faults could potentially deform or rupture the ground surface. The reports also update information on areas prone to liquefaction – the process where soil behaves more like a liquid than a solid after an earthquake. However, to assess the specific fault hazard at any individual site or property, a site-specific assessment may need to be undertaken by a technical expert.

As this information is technical in nature, residents are encouraged to go to the Council website to read the full reports, FAQs and view the maps.

Physical copies of the reports and FAQs are also available to view at Nelson's public libraries and Council's Customer Service Centre.

FAQs – fault line and liquefaction hazard

How do I know if my property is located within an area potentially susceptible to liquefaction or fault rupture?

Go to nelson.govt.nz/natural-hazards to view the geotechnical hazards webmap to find out whether the 2021 assessment indicates your property may be affected. Click on the search icon and type in your address, then click the map layers you wish to apply (e.g. fault, liquefaction) to see if your property is in the identified area. Click the map legend to see the colours that correspond to each rating.

Will this information affect my property value or insurance?

Council cannot advise property owners about any effect this information may have on property values or insurance. We recommend property owners seek professional advice from a property valuation or insurance expert about any concerns you may have regarding these matters.

For more FAQs go to nelson.govt.nz and search 'natural hazards'

Atawhai closed landfill

Nelson City Council has previously undertaken work to identify the area where the former landfill was located in Atawhai. A small number of affected households will receive a letter to inform them that a LIM notation is being applied to their property's file that states that their property is within the contamination footprint of the old landfill site.

The affected area is bounded by Queen Elizabeth II Drive to the northwest, Atawhai Drive to the east, Weka Street to the south and Sovereign Street to the west.

By identifying sites where hazardous substances have been used, stored or disposed of, Council can ensure that the sites do not present a risk to human health when they are used or developed.

Council has carried out regular monitoring in this area, including for gas emissions and groundwater contamination.

The Site Investigation Report held by Council includes some testing results for specific test locations – some of which are on private properties.

Not all properties within the contamination footprint of the old landfill will have contaminated soil, and property owners can carry out their own site-specific assessment to determine whether their land has been affected. Test results can then be attached to a property's LIM.

The Site Investigation Report, Site Monitoring and Management Plan (SMMP) and FAQs are available at nelson.govt.nz/atawhai-closed-landfill. Physical copies of the report and FAQs are also available to view at Nelson's Elma Turner Library and Council's Customer Service Centre.

FAQs – Atawhai landfill

How do you know that my property could be affected by the landfill?

Council has historical records, including maps and aerial photos, which identify the area under or nearby your property was used as a landfill from 1947 to 1987. Council is advising that people who live in this area may have higher than natural levels of contaminants. Only a complete soil test by a professional will determine the content and quantity of residues in your soil.

Can I have a veggie garden and plant trees, and can my children play in the yard?

On any site with potential soil contamination, Council recommends using raised gardens and buying or making compost. As gasses can travel along tree roots, Council would also discourage the planting of deep-rooted trees. Normal above-ground use in your yard or section should not pose any danger, however, some occupants are choosing to have a site-specific assessment as levels of contamination are not uniform and may differ between sites.

For more FAQs go to nelson.govt.nz/atawhai-closed-landfill

All go at Nelson's new recreation hub!

It was very busy down at Waahi Taakaro golf course on the opening weekend for the Maitai Recreation Hub.

The Hub is fully open to the public, so bring down your bike, walking shoes, or golf clubs to enjoy this new focal point for recreation in Nelson's beautiful reserves.

On Friday 20 May, the Hub was blessed by kaumatua Luke Katu and Melanie McGregor at a ceremony that included speeches by Community and Recreation Chair Tim Skinner, Koata Ltd. Chief Executive Hemi Toia, golf club manager Peter Watson, Nelson Mountain Bike Club Chair Brendan Hills, and Parks Team Leader Paul Harrington.

"These places don't exist elsewhere in the world," said Brendan, referring to the outstanding natural beauty and world-class mountain bike tracks that surround the new Hub.

On Saturday 21 May and Sunday 22 May, the NMTBC and Waahi Taakaro held open days showing off the new hub to their members and the public.

If you want to check it out yourself, you can reach the hub by bike or on foot by taking the newly upgraded path from Sunday Hole on the Maitai Shared Pathway. Just remember that the hub is at a golf course, so please follow the signage, keep an eye out for golfers and stay off the fairway!

Check out some photos from the weekend.



Mayor's Message

Regardless of where you sit on the length of electoral terms, one thing I think we can all agree on is that three years pass in a flash.

In my case, 15 years as an elected member have raced by, with plenty of variety, excitement and challenges. So it's fitting we have local body elections in October.

This year, elections will use a mixed-voting, two-ward model, plus a Māori ward. For the first time, Nelson will join 14 other councils who use the Single-Transferable Vote (STV) system, which allows voters to rank candidates in order of preference.

The first and most critical action is to make sure you are enrolled to vote. A robust democratic system relies on citizens exercising their right to decide who represents them. If you need to enrol, visit vote.nz.

Voting isn't much use without candidates to vote for, so I encourage anyone interested in serving their community to put their hand up. Don't be daunted if you have no prior experience in local government.

What's important is your passion for your city and region. People who bring the voice and aspiration of their community to the table make great elected members. Even better are people who want to build the community up, rather than hold it back. If these things motivate you, please consider finding people to nominate you. Find out more at shape.nelson.govt.nz and search 'elections'.

Our region's future is very much in the hands of our elected representatives and we have to engage as a community to continue to progress. You can do that by voting. Don't just think about it – do it!

Our City's development is a long-term process and while an 'I want the world and I want it now' approach can creep in when we debate contentious topics, we must keep the bigger picture in mind. Ultimately, elections are about choosing people who can work together for both the here-and-now and future generations.

I humbly acknowledge the privilege of being Mayor since 2013, and will thank you all when I sign off in October 2022. I'll be working up to the very last day of my appointment to get things in the best shape for the next Mayor and new Council. Make sure you enrol to vote and perhaps stand for election. October is bound to be exciting.



Nelson joins the Global Network for Age-friendly Cities and Communities

Whakatū Nelson was welcomed as a member of the WHO Global Network for Age-friendly Cities and Communities in April this year.

The Network is a group of 1,333 cities and communities in 47 countries dedicated to supporting full participation of older people in community life and healthy ageing at the local level. Membership will give Nelson access to an online portal where cities can share resources and experiences with age-friendly projects.

Nelson's population is ageing faster than the national average, and by 2040, one-third of our population is expected to be over 65. This demographic shift will bring changes, challenges and opportunities to steer the city's growth and development. The goal is to make Nelson an age-friendly community that values the experience and wisdom of all people.

Supported by Nelson City Council, a steering group of volunteers developed the City For All Ages | He Rautaki Whakatupuranga Strategy to address these changes. In 2019, the steering group undertook research to understand the particular experiences of ageing for older Māori, Pacific people, former refugees and migrants. Areas of interest include delivering safe, affordable housing for older residents and supporting older workers. The Strategy was endorsed by Council in 2021, and an Implementation Group is monitoring action and will report back to Council and the community twice a year.

Want to help Council shape our City For All Ages? Email cityforallages@ncc.govt.nz to share your ideas for how to make Nelson a more age-friendly place, or suggest partner organisations that could help Council undertake further action.

Read the full Strategy at cityforallages.nz. Learn more about WHO Global Network for Age-friendly Cities and Communities at extranet.who.int/agefriendlyworld



Wastney Terrace stormwater upgrade

Work has started on a stormwater upgrade that will minimise the risk of flooding during heavy rainfall events and handle any future growth and development in the area surrounding Wastney Terrace in Atawhai.

A new, larger stormwater pipe will go through private property and end up in Corder Pond next to Atawhai Crescent.

Site establishment starts 30 May, and work gets underway 6 June.

The project is scheduled for completion by December 2022.

For more information, visit our.nelson.govt.nz and search 'Wastney'.

Rutherford stormwater upgrade offers a vital layer of protection

Work on a major stormwater upgrade on Rutherford Street will start mid July, bringing substantial improvement in flood resilience to an area that experienced severe flooding in 2011.

As well as the stormwater upgrade, the full project includes new wastewater and water pipes down Waimea Road/Rutherford Street, from Snobs Hill to Examiner Street. This is the second stage of work to upgrade Little Go Stream. The first stage started in 2016 and stretched from Nelson College to the Admiral's Motor Lodge on Waimea Road.

The upgrade includes the installation of a 1.8m diameter concrete stormwater pipe capable of handling a 1-in-100-year flood event, which will go a long way to ensuring our stormwater can handle the increases in heavy rainfall we expect due to climate change.

When complete, the entire project will also significantly increase our ability to cater for future development.

Weather permitting, the project is scheduled to last for ten months and will involve the closure of parts of Waimea Road and Rutherford Street to general, through traffic. A detour will be in place, but on a job of this nature and size, Nelson City Council does expect disruption to traffic on Rutherford and Waimea Road throughout the project.

Infrastructure Committee Chair Brian McGurk thanked in advance local businesses, residents, and those who use this route at peak times for their patience while this work is carried out.

"We are working with our contractor, Fulton Hogan, to find ways in which we can minimise disruption to all involved. All the affected businesses on Rutherford Street and Waimea Road will be accessible and open for the duration of the project, but we do need to acknowledge this project will cause travel delays."

Councillor McGurk said not doing the work risked much greater disruption further down the line.

"Infrastructure was a key priority of our 2021-31 Long Term Plan, with \$496m earmarked to projects over the next ten years. There was particular emphasis on flood resilience programmes, and with a budget of \$9.8m, I think this work on Rutherford will be the most visible example of this core infrastructure work so far.

"Getting this right is key for the long-term economic success of our City. We need to make sure residents and business can thrive and protect our main routes from the sort of disruption we saw during floods in 2011.

To prepare for the project starting, some enabling work to establish a detour route will take place in mid-June.

The planned detour will go via Van Diemen Street while Waimea Road is closed. This may impact parents dropping off children at Hampden Street School, and Council will work closely with all affected schools to ensure students can get to school safely.

"This may not be an option for all parents, but if you can, this could be a good time to introduce a couple of days a week where you walk or cycle to school. You may find that it saves you a bit of time," said McGurk.

"We also want to encourage drivers and cyclists to take alternative routes into the city centre. No major roadworks are planned for Rocks Road and Vanguard Street when the project gets underway."

For regular updates on this project please visit shape.nelson.govt.nz and search 'Rutherford Little Go'.



Nelson Miyazu Sister City display

The Elma Turner Library (Nelson Public Library) will be hosting a display about our city's relationship with our Japanese sister city – Miyazu.

Miyazu is a port city of similar size to Nelson located on the north coast of Japan that – most remarkably – has a boulder bank similar to ours. The mayors of both cities occasionally visit each other, and in between visits, local committees work hard to keep the connection alive and well. The most notable feature of this relationship in Nelson is the wonderful Miyazu Japanese Garden, which is always worth a visit, especially in springtime.

Each spring in Japan, people gather to celebrate the transient beauty of sakura (flowering cherry trees) at hanami flower viewings, picnicking under the petals. At springtime in Nelson, we gather to do the same at the annual Cherry Blossom Festival at Miyazu Garden.

For anyone planning a visit to Japan, a trip to Miyazu is well worth adding to your itinerary. By contacting your local sister city group, connections can be made in advance so that you will receive the most wonderful welcome as an informal visitor from Nelson.

The display will be on at the library until 12 June.



Preparing for Change

The saying that the only constant in life is change rings especially true right now, with central government working on several reform programmes that will have a significant impact on local government and our communities.

In this monthly column, I'll provide updates on major reforms and explain how you can have your say on these important changes.

Climate Action Week starts on Saturday (4 June), so this month's column focusses on the Government's plan for Aotearoa New Zealand's climate change response and a new Emergency Management Bill that will impact the way we support our regional Civil Defence team.

Climate change

The Government's first national adaptation plan is out for consultation and looks at how New Zealand will respond and adapt to the impacts of climate change. You can make a submission here before they close on 3 June.

The plan focuses on three areas:

- Reforming institutions to be fit for a changing climate
- Providing data, information and guidance to enable everyone to assess their own climate risks
- Embedding climate resilience across government strategies and policies.

The adaptation plan will work alongside the emissions reduction plan, which was released on 16 May and sets out how our nation will progress towards the goal of net zero greenhouse gas emissions by 2050. That plan covers transport, energy, buildings, waste, forestry, and agriculture, and there is naturally much within it that local councils are being asked to work on.

A good example is a target to make sure most New Zealand homes have access to a kerbside food waste collection by 2030. We may be well on our way to achieving this, as we ran a trial version in 2021, but there is still plenty to do to provide the service right across the City.

Council is making a submission on the draft plan, which is due to be finalised in August 2022.

Civil defence changes

The Government's new Emergency Management Bill seeks to strengthen New Zealand's emergency management system so that:

- Communities better understand risks and are better prepared to respond to and recover from emergencies
- Iwi and Māori participation is recognised, enabled and valued
- The emergency management system is well-coordinated, high-performing and enjoys widespread trust
- Impacts of emergencies on people, the economy and the environment are reduced.

Nelson City Council and Tasman District Council are jointly responsible for supporting our Civil Defence Emergency Management team when an emergency occurs. Recent examples include both councils' support during the Pigeon Valley forest fires and our COVID-19 response.

Council and the public will be able to make a submission towards the end of the year when the Bill is released.

– Chief Executive Pat Dougherty



Pest Patrol

Climbing spindleberry (*Celastrus orbiculatus*), also known as oriental bittersweet, is a vigorous, deciduous climbing vine.

Introduced into Aotearoa New Zealand for its golden autumn foliage and winter berries, it has since established itself as an invasive pest.

A native of East Asia, it is more cold tolerant than most other climbers and has naturalised in a number of locations throughout the Nelson and Tasman regions. It is an aggressive invader that threatens native bush, regenerating bush, plantation forestry and open areas.

Autumn is the best time to identify climbing spindleberry, as this is when it's leaves turn yellow, creating a blaze of colour in host trees before they fall. The yellow/orange spindle-shaped berries are also visible at this time. As the berries ripen, the outer case peels back to expose scarlet arils (fleshy fruit around the seeds) that is attractive to birds, aiding dispersal to new areas.

Council is working closely with landowners to ensure known sites are being controlled with the aim of eradicating the plant from the region. Climbing spindleberry is a very difficult plant to kill – damaged or untreated stems will regrow readily, and regular follow-up treatments are often necessary.

If you think you have seen the plant in your neighbourhood, please call the Council office on 03 546 0200, or email biosecurity@ncc.govt.nz, and a biosecurity officer will call you back. Snapping some pictures of the plant is often a great help. If you have this plant, Council biosecurity officers will arrange control work at no cost.



Councillors' Comment

Household transport emissions make up 25 per cent of Nelson's overall greenhouse emissions.

Government has allocated \$40 million over the next four years to accelerate the decarbonisation of public transport. This enables public transport providers to work towards completely moving their fleets from fossil-fuelled buses to zero-emission buses or buses using zero-emission power sources by 2035. This is in addition to the planned zero emissions public transport bus mandate, meaning only zero emission public transport buses can be purchased from 2025.

Our officers are working to bring in major improvements to our local public transport system from 1 July 2023. Among those improvements will be the requirement that local public transport is zero emission.

The ride quality of zero emission buses is smoother and less noisy. We're introducing new and more frequent routes, extending timetables, a new lower flat fare, substantially improving our bus stops, and bringing in changes so buses get higher priority at traffic signal intersections and on the roads.

These factors – coupled with extra funding for 50% public transport fares to August 2022 and ongoing for community services cardholders – will make zero emission bus travel in Nelson a more attractive option for people who currently use cars and maximise our potential to reduce emissions.



Councillor Brian McGurk

Why on earth would anyone want to be a Nelson City Councillor?

It's a question I often get asked, and it's one I enjoy answering because, after almost nine years in the role, I can honestly say that being an elected representative of the people of Nelson-Whakatū has been one of the great privileges of my life. It's not always easy, but it's actually a pretty great job, and if you're even remotely thinking of putting your hand up at October's elections, I would strongly encourage you to go for it.

Being a Councillor means getting to play a significant role in shaping and improving this city that we all love. You get to help to solve people's problems, and you're constantly learning new things. You also meet lots of interesting people, and if you're lucky, you get to make some good friends. It can be messy and slow because, as Churchill once said, "Democracy is the worst form of government except for all those other forms that have been tried", but it's also a meaningful and rewarding way to serve your community. Keen to know more? Go to shape.nelson.govt.nz and search 'elections', or email Council's Governance and Support Services Manager Devorah Nícuarta-Smith at devorah.nicuarta-smith@ncc.govt.nz



Councillor Matt Lawrey



Planting season continues

With the help of community groups and volunteers, Nelson City Council is aiming to plant more than 20,000 trees in reserves throughout Nelson over the month of June.

This work follows a successful start to the planting season in May, where 31 volunteers helped plant 1,020 trees throughout the Grampians Reserve over two weekends.

The next planting event will occur Sunday 5 June at Poorman Valley Stream to commemorate Arbor Day. A total of 1,250 trees will be planted, so anyone interested in helping is welcome to come along.

Planting is an important way to protect and enhance our environment by restoring areas to native bush, extending bio-corridors for wildlife to thrive, and strengthening beach dunes against erosion.

This year's June plantings carry special significance as Queen Elizabeth II is celebrating her Platinum Jubilee and is encouraging anyone who wants to mark the Jubilee to do so by planting trees. So, this Queen's Birthday weekend, and for the entire month of June, consider getting amongst nature and planting a tree. It's great for the environment and a way to pay tribute to the 70 years that Queen Elizabeth II has served as the Queen of New Zealand.

Upcoming planting events

- **Marsden Valley – Poorman Valley Stream by the Fairy Grove, downstream of Quail Rise**
When: Sunday 5 June, 10am (alternative date Monday 6 June)
Who: Community. **Occasion:** Arbor Day. **Number of trees:** 1,250
- **Paremata Flats, Māori Pa Road, Cable Bay**
When: Saturday 11 June, 9am (alternative date Sunday 12 June)
Who: Forest and Bird, community. **Occasion:** Continuation of restoration project. **Number of trees:** 2,000 with community (10,000 total)
- **Tāhunanui dune restoration – meet behind the Lions Playground**
When: Saturday 18 June, 10am (alternative date Sunday 19 June)
Who: Community. **Occasion:** Continuation of dune restoration project. **Number of trees:** 450
- **Hira Reserve Planting**
When: Saturday 25 June, 10am (alternative date Sunday 26 June)
Who: Community. **Occasion:** Continuation of restoration project. **Number of trees:** 7,500
- **Mahitahi Wetland (adjacent to the Maitai Campground)**
When: Saturday 20 August, 1pm (alternative date Saturday 27 August)
Who: Multicultural Nelson Tasman, Friends of the Maitai, community. **Occasion:** To celebrate the journeys that people have made to make Whakatū Nelson home. **Number of trees:** 7,500

Projects funded to help reduce waste to landfill

Nine innovative waste minimisation projects led by Nelson businesses, community groups, and schools will share \$42,000 in funding, thanks to Nelson City Council's Rethink Waste Whakaarohia programme.

The 2022 inaugural waste minimisation grant round invited applications across the community to apply for up to \$10,000 each to support projects that reduce or avoid waste to landfill.

These projects will give people in Nelson new ways to save money and avoid waste, like the Foodprint app, which helps people buy discounted food from vendors at the end of their business day, or the Stoke Toy Library project creating a rental kit of reusable children's party supplies.

The applications were assessed against a range of criteria, including how the project delivers on avoiding and reducing waste, how it benefits the Nelson region, and the extent to which it reflects kaupapa Māori.

Reducing waste and making better use of resources is a priority at both central and local government levels. The aim is to support a circular economy where waste is designed out and nothing produced becomes rubbish, as part of our transition to a low waste society.

The following projects received grants:

- Foodprint was granted \$10,000 to launch their app in our region. Foodprint enables food vendors to offer end-of-day products to the public for purchase at a discounted rate through their app, thereby reducing food waste and supporting local business.
- Recycle A Device (RAD) was granted \$7,500 to support the RAD programme in two local schools and colleges. RAD teaches young people how to refurbish used laptops, which are then donated to the community.
- Waste No More was granted \$7,550 for a feasibility study with the Nelson Market on waste minimisation initiatives.
- Nelson Airport was granted \$4,000 to develop a baseline assessment and action plan to reduce waste across all airport activities.
- Habitat for Humanity was granted \$3,339 for an eight-step platform to improve diversion of construction and demolition waste at their site in Tāhunanui, helping our region to increase options for diverting valuable resources from landfill. Construction and demolition waste is the second largest source of solid waste in the Nelson Tasman region, after household waste.
- Stoke Toy Library was granted \$3,000 to create a comprehensive reusables kit to hire for children's birthday parties. This simple and practical idea has great potential for replication in other organisations and is a great way to tackle the high volume of single-use waste that parties can create.
- Three schools and colleges were also successful in securing grants to divert food waste through practices such as composting. Council's EnviroSchools programme will be working with the schools to provide support. They are:
 - » Nayland College – \$3,000
 - » Nelson Intermediate – \$2,000
 - » Nayland Primary – \$2,000



Mayor Rachel Reese, Māori committee appointees, Chanel Starkey, Naomi Aporo, Shanell Kelly and Deputy Mayor Judene Edgar.

Council welcomes Māori appointments to committees

Nelson City Council hosted a mihi whakatau to welcome four new Māori appointed members to Council committees and sub-committees on Thursday 19 May.

The roles were created by Council in May 2021 alongside the decision to establish a Māori ward for the 2022 local election, which takes place this October.

Nelson Mayor Rachel Reese says welcoming the new appointees is another positive step for Māori-Council partnership.

"Including Māori voices and perspectives in Council decision-making is putting the principles of Te Tiriti o Waitangi into action.

"In addition to the impressive array of skills and experience our four new committee members will bring to the Council table, they also bring their understanding of Te Ao Māori, a Māori world view.

"Expanding this view in our decision-making not only benefits Māori, but all of us as a community, and I'm excited to see our new appointees at future meetings."

The new Māori members were recruited by the Te Waka a Māui Iwi Chairs Forum and supported by Council. They fill the first four of seven iwi endorsed Māori appointments on Council's committees and sub-committees. Māori members are full members with voting rights.

Ngāti Kuia Chariperson Waihaere Mason says, "We are pleased that iwi appointments to the Council have been made. It is a strong signal that Nelson City Council see collaboration with all sectors of our community as an important element of their governance and management processes.

"Having iwi appointments to Council committees now provides the opportunity for iwi to be proactive in managing and supporting the affairs of the community.

"In this respect, mātauranga Māori values are seen as important elements to be considered but equally important is that our iwi members have the ability to be involved in decision making and provide technical advice to their chosen committee. This may require respective iwi to consider capacity and capability to support committee representatives to maintain that impetus.

"We look forward to building positive relationships for the well-being of all. He tōtara wāhi rua he kai nā te ahi – a tōtara split in two is food for the fire."

The roles are one way of providing for the inclusion of a Māori voice and perspectives in Council decision-making. They recognise the Crown's responsibility to take appropriate account of principles of the Treaty of Waitangi and maintain and improve opportunities for Māori to contribute to local government decision-making processes.

Council committees and sub committees are created to allow the Mayor and Council to delegate decision-making in certain areas (for example, infrastructure or audit risk and finance). They are comprised of elected members and appointed experts or representatives.

To read more about the appointees, visit our.nelson.govt.nz.



Climate Action

Explainer: how the SeaRise data affects Nelson City Council projects

The NZ SeaRise: Te Tai Pari O Aotearoa programme has released location-specific sea-level rise projections out to the year 2300 for every 2km of the coast of Aotearoa New Zealand.

Maps have been created for the public and planning professionals, showing the impact of sea-level rise across the country.

More information and maps are available at www.searise.nz. Please note, this website was targeted by a cyber attack known as a Denial of Service, which led to difficulties in accessing maps.

What makes the SeaRise data stand out?

Climate change and warming temperatures are currently causing global sea-level rise. We have known about this for some time, although the rate of sea-level rise is reported to be increasing.

However, local sea-level rise around the coast of Aotearoa is also affected by up and down movements of our land. These can occasionally occur due to earthquakes, but also smaller shifts over time that are less noticeable. For Nelson, this new information takes into account the rate of land subsidence – essentially, how much the land is sinking.

The scientists who worked on the SeaRise projects have connected this vertical land movement data with climate driven sea-level rise to provide locally relevant sea-level projections. In the area where the land is going down (subsiding) the annual rate of relative sea-level rise is projected to increase.

The SeaRise data also takes into account updated sea-level rise projections from the recent International Panel on Climate Change (IPCC) sixth assessment.

Is Council's flood modelling now out of date?

We are working on reviewing our models to see how this new data on subsidence and updated sea-level rise data may affect results. Council staff are looking at how the new information affects our adaptation response planning.

So, what does that mean for Nelson?

The SeaRise data shows that the urban area of Nelson is subsiding by an average of around 2mm per year.

Taking into account the data on vertical land movement as well as the latest IPCC projections on sea-level rise, urban areas of Nelson are predicted to face between 0.4 and 0.7 metres of relative sea-level rise in the next 50 years.

This represents an increase of 0.1m to 0.2m over previous Ministry for the Environment projections. A range is given (rather than a specific number) as the rate of sea-level rise we will experience depends on how successful we are globally in reducing greenhouse gas emissions and how polar ice caps respond.

Over a longer 100-year timeframe, the more conservative projection used for planning purposes has increased by 0.3m to 0.5m to now sit at approximately 1.4 to 2.0 metres of sea-level rise.

What sort of climate change scenario are these numbers based on?

These numbers used for planning purposes are based on two climate change scenarios known as RCP 8.5 (M) and RCP 8.5 (H+). RCP stands for Representative Concentration Pathway, which refers to the concentration of carbon that delivers global warming at an average of 8.5 watts per square metre across the planet.

Put simply, it is a potential scenario based on how successful we all are at reducing greenhouse gas emissions.

There is some debate about whether RCP 8.5 is likely to occur, with many scientists stating that it would be in line with our current use of fossil fuels such as coal-fired power. If emissions are reduced, we could avoid the RCP 8.5 scenario.

How many houses could be affected?

Our existing modelling shows that approximately 4,170 properties are potentially at risk from 1.5 metres of sea-level rise that was originally not expected until after 2150. These properties could now potentially be affected approximately twenty years earlier due to the updated information about land subsidence.

Will you be taking this data into account?

Yes. Council staff make recommendations to elected members using the best data available at the time. The SeaRise data is the latest available information and is important; we intend to apply it to Council projects.

We are still working out what this will mean for some of Council's projects, but it will require Council to report back to elected members on the data's impact on projects like the new library.

Council is also considering how the data may affect requirements for ground and floor levels for subdivision and building. It is expected that Council will need to work with the Tasman District Council to update the Inundation Practice Note (IPN).

The IPN explains how Council determines minimum ground and/or floor levels for subdivisions, new buildings, and major alterations in areas identified as being subject to seawater and/or freshwater inundation within the Nelson and Tasman districts.

What does this mean for the new library?

The proposed adaptable design for the library, including the ability to raise the floor level in the future, is intended to protect the building from the storm surge and river flooding we would experience at 2m of sea-level rise.

The new sea-level rise data means that under the most conservative RCP 8.5H+ sea-level rise projection, the building would be flood resilient up to at least the year 2130 as long as the floor level is raised as planned. For the RCP 8.5 (M) scenario, the building would be flood resilient beyond 2150.

Council staff are now looking more closely at how all this impacts the library project and will report back to elected members and the community.

What is insurance retreat and how does it affect things?

Insurance retreat is the idea that as New Zealand experiences sea-level rise, insurance companies will either increase the cost of property insurance in vulnerable areas, provide only partial insurance, or not provide it at all.

The Insurance Council has indicated that mitigation of the impacts of climate change, such as adaptation and resilient design, will extend the life of insurance cover.

Insurance retreat is a real possibility, with some estimates suggesting it will start in the next decade for some coastal areas, moving from higher prices, to partial withdrawal, to full withdrawal of insurance.

The insurance industry has not taken a firm line on insurance retreat, and there is also the possibility that central government might intervene in the market as they do with earthquake insurance.

This makes planning decisions based on insurance retreat complicated, which is one of the reasons that, as well as working to reduce its carbon emissions, Council is working on adaption planning that will allow us to make climate-based decisions at the right time with strong community involvement.

Why not just move everything back from the coast?

Moving assets away from our waterfront may have negative impacts on our City Centre, residential areas, and the riverside precinct that decision-makers need to fully understand.

This is not a decision that we should rush. We require more information and consultation with our community before we know what retreat might look like in practice and whether it's the right decision for Nelson.

Our modelling shows there is over \$5 billion of property that could be affected by sea-level rise over the next 100 years. The owners of these properties deserve to have a say.

Coastal and riverside areas of our City are culturally and economically important to Nelsonians, so it is vital that any decisions we do make about retreat are well-considered, based on strong data, not rushed and supported by most people in our community.

In June, Council will start having conversations with our community about how climate change will impact our coast and potential adaptation responses as part of our adaptation planning.

More on our upcoming adaptation plan

Council will be talking to the community in June and July about how sea-level rise will affect our coast and what this means for our community and our economy. This will help us to identify the important things to achieve through our climate change response, such as ensuring access to the beach for walking and ensuring new houses are built on safe ground.

Council will then develop detailed options and assess the associated costs before holding further conversations with the community to decide on our adaptation plan.

The plan will need to be agile and dynamic so that we can take into account the latest science and data as it comes to light. The plan will take a few years to develop, but it is important that we take the time to get it right.

It's also important that our community is on board, as an effective climate change response requires unified action. Council's role at the moment is to ask the community its view and then work to build consensus around the best possible course of action for Nelson.

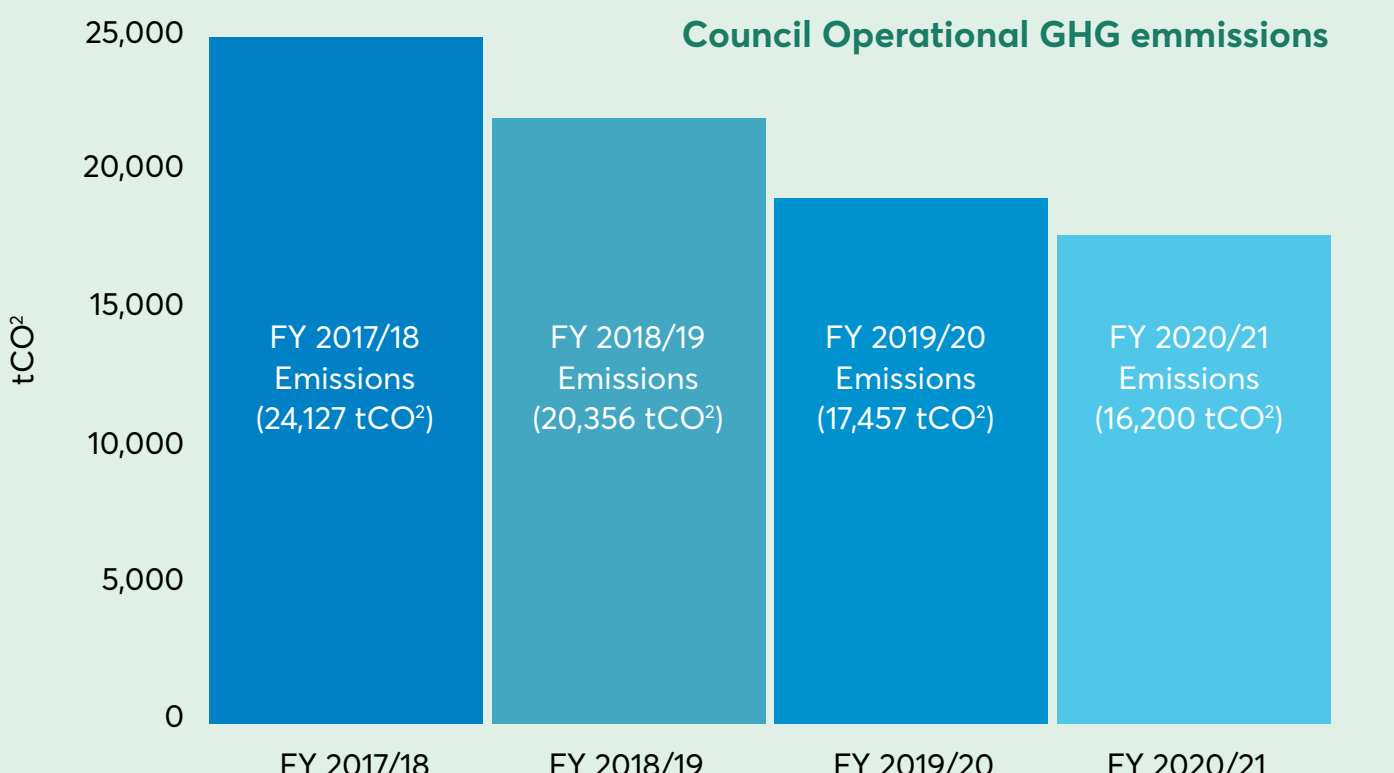
Does Council have a plan to reduce emissions as well as adaptation?

Climate change considerations are built into all Council strategies, playing a significant role in the creation of planning documents, including but not limited to Te Ara ō Whakatū – The City Centre Spatial Plan, the Draft Parking Strategy, the Draft Future Development Strategy, the Infrastructure Strategy, and the 2021-31 Long Term Plan.

In November 2021, elected members approved Council's Climate Action Plan, which sets out our commitments to address climate change over the next decade. To read the plan in full, visit nelson.govt.nz and search 'climate action plan' or Google 'Nelson Climate Action Plan'.

Council has completed the verification of its fourth operational carbon footprint inventory for the financial year 2020/21. The results of this inventory (shown below) have been published on the Council website and show a gradual decrease in Nelson City Council's operational emissions.

Note: The graph below represents the greenhouse gas emissions estimated for each financial year since 2017/18. In accordance with ISO 14064-1 directions, the baseline for 2017/18 was recalculated to take account of methodology and emission factors changes. However, the 2018/19 and 2019/20 inventories were calculated using different baseline methodologies. Therefore, comparisons between the base year and 2020/21 accurately show the actual emissions reductions, but comparisons with 2018/19 and 2019/20 should be treated with caution.



Changes to national policy

Current national policies and legislation do not provide sufficient direction and tools for local government action to prepare for climate impacts. Over the next one to three years, our legislative landscape is likely to change significantly.

Government is currently consulting on the draft National Adaptation Plan and seeking feedback on how we address the most significant risks identified in the National Climate Change Risk Assessment.

Preparing for climate change is not just the responsibility of local government – central government, business, iwi and communities all have a significant role to play. The draft National Adaptation Plan emphasises that the risks and costs of climate impacts will need to be shared between asset and property owners, insurance companies, banks, local government and central government.

Resource management reform is also underway – this will provide local government with much-needed tools and direction for dealing with issues such as 'Who pays?' and options for moving people from coastal areas to higher ground.

These national-level changes will support and enable Council to prepare for the impacts of climate change.



MATARIKI FESTIVAL

TE HUIHUI-O-MATARIKI 2022

Friday 24 June

LIVE ENTERTAINMENT

5.30pm – 8pm

in Trafalgar Centre



NIGHT MARKET

5pm – 8pm

Rutherford Park



Featuring Ria Hall

Kapa haka

Pasifika performances

Gold coin entry

Arts & crafts

Food & refreshments

Light art ♦ Fireworks

Waka ama

For more information see



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from:



Te Tauihu o te Waka o Māori
Māori Cultural Council



Celebrating Matariki: events around Whakatū Nelson

Waimārama Brook Sanctuary Glow Worm Tour

Friday 3 June – Thursday 7 July, 6.50pm – 8.30pm,

Brook Waimārama Sanctuary

The Brook Waimārama Sanctuary is inviting visitors to experience a different side of the Sanctuary with an after-dark glow worm tour introduced for the winter months. See brooksanctuary.org.nz for more details. Online bookings are essential.

Nikau Hinden: Kōkōurangi ki Kōkōwai

4 June – 13 August 2022, 9.30am – 4.30pm daily, The Suter Art

Gallery Te Aratoi o Whakatū

Kōkōurangi ki Kōkōwai presents a significant body of work by Nikau Hindin (Ngai Tūpoto, Te Rarawa, Ngāpuhi) showcasing her knowledge and commitment to Toi Māori, specifically in aute and documenting the movement of celestial bodies. This is an exhibition developed and toured by The Dowse Art Museum in Lower Hutt.

Matariki Tree Planting

18 June (2 July if raining), 1pm – 3pm, Waahi Takaaro Golf Course,

Maitai Valley Road

Part of a series of commemorative plantings for Kākati, the common ancestor of six iwi of Te Tauihu. Kākati is immortalised in the name of the Wharenui (meeting House) of Whakatū Marae. This Matariki event will involve planting on the river esplanade to commemorate the connection between people and land. For more information email project.mahitahi@ncc.govt.nz

Stevei Houkāmau: Ira Tangata Ira Atua

18 June – 2 October 2022, 9.30am – 4.30pm daily, The Suter Art

Gallery Te Aratoi o Whakatū

Stevei Houkāmau (Ngāti Porou, Te Whānau-a-Apanui, Scotland) explores both metaphorical and literal connections between people, uku (clay), and Pāpātuanuku (Mother Earth). Houkāmau's work examines whakapapa through the revival and reinterpretation of traditions of her tīpuna. This exhibition is generously supported by Wakatū Incorporation

Broadgreen Intermediate

Monday 20 June, 4.30pm – 6.30 pm, Broadgreen Intermediate,

Nayland Road, Stoke

Celebrate Matariki with an evening of entertainment including live music, kōrero about Matariki, kapa haka and Pasifika performances, and lantern hikoi. Bring your own dinner or pre-purchase hāngī for \$5. For more information and how to order kai phone: **03 547 7131** or email: broadgreen@broadgreen.school.nz

Victory Community Centre

Thursday 23 June, 3pm – 7pm, Victory Community Centre, Nelson

The annual Matariki celebration for the Toi Toi and Victory Community. Includes school and community performances, hot soup, a hāngī, veggie curry, a lantern hikoi along the Railway Reserve, fire poi, and more. Bring a lantern or torch and wrap up warm. Children under 12 must be accompanied by an adult. For more information visit victorycommunity.org.nz/matariki

Matariki Festival, Te Huihui-o-Matariki, 2022

Friday 24 June 2022, Trafalgar Centre and Rutherford Park, Nelson (koha/gold coin entry), night market from 5.00pm, entertainment from 5.30pm in Trafalgar Centre, evening concludes at 8pm with a fireworks display

Welcoming special guest Ria Hall (Ngāi Te Rangī, Ngāti Ranginui, Te Whānau ā Apanui, Ngāti Porou, Ngāti Tūwharetoa, Waikato). The night market offers arts and crafts, and a wide variety of food, like traditional Māori kai, tastes of the Pacific, Asian cuisine, and more. Please bring cash. Entertainment and performances will be held indoor and outdoor, including local Pasifika youth, kapa haka groups, fire poi, and a light art projection. Koha entry will be donated to the New Zealand Red Cross to support the people of Ukraine. Walking, biking, busing, or carpooling is encouraged. Please care for your community and stay home if you are unwell.

Hiwa

Saturday 26 June, 10am – 3pm, Tāhunanui playing fields and

tennis courts

A free event including kai stalls, cooking demonstrations with Kōhatu Kai, activities, bouncy castles, kapa haka, live entertainment, health checks, information about housing, employment and training, and more. This event is brought to you by Māori health providers and Te Kotahi o Te Tauihu Trust.

Nayland College

Tuesday 28 June, 5pm – 8pm, Nayland College, Nayland Road, Stoke

Matariki is a time for celebration, growth and renewal. Schools in Stoke-Tāhunanui Kāhui Ako are hosting a wonderful celebration for their community. Featuring performances, food trucks, art displays, market stalls and an inaugural star hunt. For more information visit stoketahunanuicol.nz



Nine-day bountiful book bonanza

Founders Annual Book Fair is back for 2022, and a bounty of books awaits you.

Opening on Queen's Birthday weekend, the hugely popular fair is expected to draw over 10,000 people to Founders Heritage Park over nine days.

The book fair is a fundraiser for projects at Founders Heritage Park, such as new displays and venue improvements.

Book Fair Coordinator, Karen Clark, says people can expect to uncover a huge range of books, puzzles, vinyl records and more.

"To make your experience more enjoyable, we sort the donations into over 100 categories, which helps to make the Founders Annual Book Fair somewhat unique from many other large book fairs," says Karen.

"It's an awesome event for the community and a really important fundraiser for Founders.

"The fair supports the maintenance and development of this special park, which is free for locals to visit and explore."

What you'll find!

Back by popular demand, there will be a section dedicated to books about birds. These sold out quickly last year, so there are plenty more avian books on offer this year.

If your thoughts have turned to travel now the border is open, here is your chance to buy a travel guide for your upcoming holiday or discover new destinations from the huge selection of travel books.

The selection of celebrity chef cookbooks is always popular with a huge range to choose from. If you are looking for a copy of a cookbook with favourite recipes you enjoyed growing up, you just might find that special book.

There is plenty on offer for children and parents, including children's books, jigsaws, games, and foreign language books.

This year, thanks to generous donations by the Nelson Tasman community, there will once again be vinyl records, CDs, DVDs and cassette tapes for sale in the building across from the Granary.

Before you arrive...

Recycling and sustainability are a big part of this event, so please remember to bring your reusable bags to take purchases home.

Remember, Nelson is still recording significant numbers of COVID-19 cases per day, so wearing an effective mask when inside and staying home when you are unwell are important ways to protect our community.



Local Elections 2022: Making local government more accessible

Improving access to local democracy is at the heart of Nelson City Council's 2022 Local Elections campaign, says Deputy Electoral Officer Devorah Nícuarta-Smith.

With nominations to stand opening 15 July, Council is using feedback from the community to create Local Election information that can be accessed by all.

"People from all over the world call Nelson home, and their experiences of democracy can vary widely," says Devorah. "The same can be said for people who, for one reason or another, have difficulty engaging with elections because there are barriers in place that stop them from being able to access information or cast a vote.

"In some ways, the things we can do are quite practical. For instance, this year Nelson City Council elections will use the Single Transferable Vote system, so we are creating an animation to explain how this will work.

"Using captions and a sign language interpreter in our videos are simple ways to ensure the Deaf community and people with hearing loss can understand them fully."

For those who have never considered standing for election before, Council has created an election 'roadmap' outlining the basic steps a person would need to take to run a campaign, and video interviews with former Nelson City councillors offer a glimpse into the election process and the role of serving on Council. These can all be found by searching 'elections' at shape.nelson.govt.nz.

"Other elements of what we are doing are less tangible and more to do with the relationships we are building and maintaining with groups right across Nelson," says Devorah.

"For example, Nelson has long been a place where refugees have settled, and right now there are a significant number of Burmese people who could take part in local elections, whether through standing or enrolling to vote.

"There are some really important face-to-face conversations we want to have here, as participating in democracy in Burma/Myanmar is very different to here.

"The feedback we have from community leaders we have already spoken to is that some people are scared to take part in the election process due to experiences they've had in the past. There is work we need to do to reassure people that New Zealand's democratic system is safe to participate in."

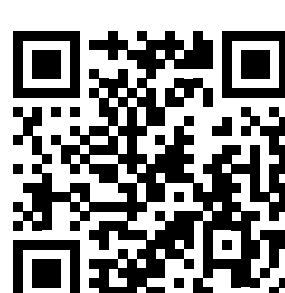
To encourage people to stand for election who may not have considered a role in local government before, Council will hold information sessions for potential candidates in their own communities.

"We usually hold one meeting at Civic House, but this year we are coming to a community venue near you," says Devorah.

Community information sessions will be held at Victory Community Centre, Tāhunanui Community Hub and Pūtangitangi Greenmeadows near the end of June/beginning of July. These events will be advertised on Facebook and Our Nelson once confirmed.

An information session for those standing as candidates will also be held at Council Chambers on Wednesday 20 July from 6:30pm.

Scan the QR code above with your phone's camera app to learn more about what it is like to serve as a Nelson City Councillor.





MEETINGS

Joint Committee of Tasman District and Nelson City Councils
Subcommittee – to deliberate on submissions to Future Development
Strategy (Day Two) – Tasman District Council Chamber,
189 Queen Street, Richmond

9am	2 Jun
Community Investment Funding Panel – Rūma Whakatū	
1pm	7 Jun
Strategic Development and Property Subcommittee	
9am	9 Jun
Council meeting	
9am	14 Jun
Environment and Climate Committee	
9am	16 Jun
Forestry Subcommittee	
9am	21 Jun
Regional Transport Committee	
1.30pm	21 Jun
Infrastructure Committee	
9am	23 Jun
Council meeting	
9am	23 Jun
Urban Development Subcommittee	
9am	28 Jun
Community and Recreation Committee	
9am	30 Jun

Change to meeting

Infrastructure Committee, previously advertised to take place on
Thursday 23 June 2022, commencing at 9am, will now commence at 10am.

Cancelled meetings

Hearings Panel – Other, 8 June 2022, commencing at 9am,
has been cancelled due to lack of business.

For a full list of meetings go to:

nelson.govt.nz/meetings



To sign up for Our Nelson by email go to:

facebook.com/nelsoncitycouncil



Haven Road Stormwater Realignment – completed!

Conewatch

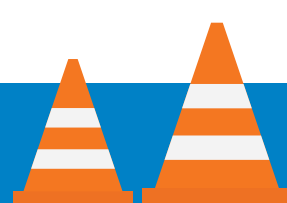


Completed

Project name

Bellevue Heights Stormwater Upgrade	Completed end of April 2022
Haven Road Stormwater Realignment	Completed May 2022

Ongoing



Project name	End date (if known)	Location	Benefit
Residential Meters Renewal	June 2022	City wide	Accurately measure water usage
Nayland Road/ Honey-Tye Way Stormwater Upgrade	June 2022 (first week)	Outside Nayland Dairy	Improve stormwater and reduce flooding
Maitai Recreation Hub	June 2022	336 Maitai Valley Road	Community recreation hub
Isel Park Bridge Replacement	June 2022	Isel Park	Upgrading the old bridge and adjacent paths
Modellers' Pond Redevelopment	August 2022	Tāhunanui Reserve	New community playground and reserve area
Awatea Place Wastewater Pump Station	December 2022	Awatea Place and Parkers Road	Improve wastewater network capacity and protect environment from overflows
Washington Valley Infrastructure Upgrade – Stage 1 (Hastings Street)	February 2023	Hasting Street	Improve stormwater network and reduce flooding risk
Saxton Creek Upgrade – Stage 4	June 2023	Main Road, Stoke	Flood mitigation



Keep up to date with Council projects at shape.nelson.govt.nz

WHAT'S ON... at a Council venue near you



Kirby Lane

Winter Social – Saturday 25 June, 4.30-9.30pm

Saxton Field

2022 Top of the South Hockey Tournament – Saturday 11 – Sunday 12 June, 8:00am – 8:00pm

New Zealand Secondary Schools Cross Country Championships – Saturday 18 – Sunday 19 June

Saxton Oval

Trip to INDONESIA Through your Palate and Senses – Saturday 11 June, 6:00 – 9:00pm

Trafalgar Centre

Ceol Aneas Traditional Irish Music Festival 2022 – Friday 3 – Monday 6 June

Matariki Festival, Te Huihui-o-Matariki 2022 – Friday 24 June, 5:00pm

Speed Cubing Championships – Friday 24 – Sunday 26 June

Nelson Giants vs Franklin Bulls – Saturday 11 June, 5:30pm

Nelson Giants vs Wellington Saints – Friday 17 June, 7:30pm

Trafalgar Park

Matariki Festival, Te Huihui-o-Matariki 2022 – Friday 24 June, 5:00pm

Rutherford Park

Matariki Festival, Te Huihui-o-Matariki 2022 – Friday 24 June, 5:00pm

Founders Heritage Park

Tuku22 Whakatu Heritage Festival, 1 April – 30 June

Founders Annual Book Fair 2022 – Saturday 4 – Sunday 12 June, 10:00am – 4:30pm

Stoke Memorial Hall

Temporarily closed

Broadgreen Historic House

Secret Lives of Dresses Exhibition – Wednesday 1 June – Thursday 30 June, 11:00am – 3:00pm daily

Pūtangitangi Greenmeadows Community Centre

Toi Māori Exhibition – Friday 24 June

Nelson Public Libraries:

Elma Turner Library

Hours:

Monday, Tuesday, Thursday, Friday: 9:30am — 6:00pm

Wednesday: 10:00am – 6:00pm

Saturday: 10:00am — 4:00pm

Sunday: 1:00pm — 4:00pm

Quiet Hour – every Tuesday, 9:30am – 10:30am

Kid's Sewing Club – every Wednesday, 3:30pm – 5:00pm

Media Club – every Wednesday, 3:30pm – 6:30pm

Small Time at the Elma Turner Library – every Monday & Wednesday, 10:30am – 11:00am

Shared Reading for Wellbeing – Tuesday 14, 21, and 28 June, 11:30am – 12:45pm

STEM writers – every second and fourth Tuesday of the month 1:00pm – 3:00pm

Device Advice – every Tuesday & Thursday, 2:00pm – 3:00pm

Tea & Tales – Dementia Friendly Book Group, every Wednesday, 11:00am – 12:00pm

Library Knitters – every Thursday, 10:00am – 12:00pm

Young Adult Club – every Thursday, 3:45pm – 5:00pm

Tea & Talk – every Friday, 10:00am – 12:00pm

Justices of the Peace – every Saturday, 10:00am – 12:00pm

Rising Scientist – every Monday from 14 March, 4:00pm – 5:00pm

Quiet Hour – Tuesday 7 June, 9:30am – 10:30am

Videography Workshop with NMIT – Wednesday 1 June, 12:00pm – 2:00pm

Rainbow Storytime – Tuesday 7 June, 10:30am – 11:30am

Junior Reading Club – Tuesday 7 June, 3:30pm – 4:30pm

Living Library – Tuesday 7 June, 3:45pm – 4:45pm

Quiet Hour – Sunday 12 June, 1:00pm – 2:00pm

Philosophy Discussion Group – Monday 13 June, 10:00- 11:00am

Bookchat – Tuesday 14 June, 10:30am – 11:30am

Roller Derby Talk – Saturday 18 June, 2:00pm – 3:00pm

Community Korero – Poetry in a time of crisis – Sunday 19 June, 2:00pm – 3:00pm

Book Night – Tuesday 21 June 5:00pm – 6:30pm

Live Music Series NCMA Cello ensemble – Sunday 6 June – 2:00 – 2:30pm

Nightingale Library Memorial

Hours:

Monday, Wednesday, Friday: 1:00pm — 4:30 pm

Tuesday, Thursday: 10:00am – 2:00pm

Saturday: Closed

Sunday: 10:00am — 2:00pm

Nellie Knitters Sale – every Wednesday, 10:00am – 12:00pm

Stoke Library

Hours:

Monday, Tuesday, Thursday, Friday: 9:30am — 5:30 pm

Wednesday: 10:00am – 5:30pm

Saturday: 10:00am — 1:00pm

Sunday: Closed

Stoke Device Advice – every Tuesday & Wednesday, 2:00pm – 3:00pm

Small Time at Stoke Library – every Friday, 10:30am – 11:00am

Stoke Bookchat – Wednesday 15 June, 5:30 – 6:30

Museums and Galleries:

The Suter Art Gallery & Theatre

Hours: 9:30am – 4:30pm Daily

French Film Festival – Wednesday 8 – Friday 26 June

Refinery ArtSpace

Hours: 10:00am – 5:00pm, Monday to Friday & 10:00am – 2:00pm, Saturday

Nelson Provincial Museum

Hours: 10:00 – 5:00pm Weekdays, 10:00am – 4:30pm Weekends & Public Holidays