



New Zealand Institute of Forestry

– Te Pūtahi Ngāherehere o Aotearoa Incorporated –

2022

ANNUAL REPORT



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Front and back cover: Cleopatra's Pool, Abel Tasman National Park, Tasman District. Photo courtesy of Peter Houston

Left: Control pollinated container planting stock, Arbogen Kaikohe Nursery, Northland. Photo courtesy of Peter Houston

Honouring our members 2022

Forester of the Year

The awardee is someone who achieved a Bachelor of Forestry Science (Honours) from Canterbury University in the 80's, and has spent much of his career in the Marlborough region. He has had his own business since the 80's but has also found time to work on other key projects which has lead him to his current role.

The awardee recognised regional communities need new economic growth and development to build resilient economies, and he has spent much of his working life making this a reality.

Working with a former lecturer (Prof John Walker) and his good friend Shaf, the awardee introduced a tree improvement programme with wood

quality being a major component. The awardee's hands-on methodical approach to project management, his skills in detailed strategic and business planning; accompanied by a high work ethic and output, continues to motivate those around him.

The awardee has attracted internationally renowned researchers, supported 11 PhD students, and raised over \$3m to invest in research.

The awardee is described as a visionary with the ability to bridge both academic and industry groups. He understands the science underpinning the New Zealand Dryland Forests Initiative programme and can communicate this to people at all levels from professional foresters to tree enthusiasts. He has massive drive, energy, and capacity for work, and has made, and will no doubt continue to make, an outstanding contribution to the NZ forest industry.

It is with great pleasure I announce the 2021 Forester of the year Award goes to Paul Millen!

Deaths

It was with sadness that the Institute noted the deaths of:

Hugh Ragg

Ian Jenkins

Graeme Hall

John Gleed

Shaun Cawood



Paul Millen receiving the Forester of the Year award from Minister Nash and James Treadwell. NZIF Conference 2021



President's report

2022

It is with much pleasure that I present the annual report for the year ending 31 March 2022 of the New Zealand Institute of Forestry. The Institute continues to have a strong balance sheet, which we are using as requested by members to improve member services and complete key projects.

I would like to acknowledge the contribution of members of Council who retired in June 2022 – Kent Chalmers, Murray Parrish, Bridget Fraser and Edwin Jansen. All have contributed to Council, some for over a decade. Governing and managing the Institute as volunteers shows a commitment to the profession, the sector and, most importantly, the members. As such, we all owe these departing Councillors a vote of thanks for their hard work and dedication.

The Institute depends on the efforts of many volunteers, and I would like to thank all members who have provided their time and expertise to help make the Institute a success and provide services for members. I would especially like to thank the Council for their efforts, our Registration Board, the Local Section committees, the conference committee, the committees of our special interest groups and our working parties. Everyone involved in the above-mentioned groups offers their time for free to help enhance the Institute for members and I trust as members you appreciate their efforts and join me in offering a heartfelt thanks to all involved.

One particular group of people are the original committee of the Future Foresters (a SIG of NZIF). I know you are all aware of the excellent work this group has undertaken to grow the recognition of forestry as a career, and to ensure young foresters feel part of the

community. The committee is changing as the original members move on. Luckily, there is a handover plan with two of the four committee members staying on for another year. I would personally like to acknowledge the massive amount of work the original committee of Adrian Loo, Acacia Farmery, Alfred Duval and Sheridan Ashford have undertaken to establish an extremely strong SIG.

Council is organised so each Councillor has responsibility for specific areas of Council work. Each Councillor has contributed to this report. In addition, leaders of the respective committees and SIGs have also provided a review of the year. I trust members find these overviews informative and helpful. The current Council has met (COVID allowing) every six weeks, with every third meeting face-to-face. We have been working on a large number of submissions, strategic planning and kick-starting local sections, ensuring CPD and conferences are run, and working with MPI on the Forest Advisors Registration scheme. Council is very aware that the Institute exists to provide members benefits as per the objects (clause 6 of the rules). Nevertheless, I must reiterate NZIF is a member-based organisation and as such I would like to see members offer more feedback and suggestions for improvements.

As of 31 March 2022, membership stands at 840. This is an increase of 54 from the previous year; it is great to see a turnaround from the declining membership we had the year before. It is also pleasing to see an increase in Registered Members of 3%, but I suggest many more members should aim for registration in the coming year.

We have spent a good proportion of our resource trying to grow and kickstart Local Section meetings post-lockdowns. It is pleasing to see all but SNI held at least one meeting or webinar. Our goal for this year is for all sections to hold at least two meetings and the larger ones four. We are also working on re-establishing the Gisborne and Northland section which have been inactive for a number of years.

Seven submissions across a variety of topics were made during the year. I would like to thank Murray Parrish and Kit Richards for their efforts in this area. Submissions are extremely important, but often disheartening. This Government, in particular, seem to be pushing out more and more requests for submissions and this area is becoming very hard to keep on top of. Writing submissions takes considerable time, research and understanding of often complex issues. We are always looking for expertise from members to help write these submissions, and I encourage all members to volunteer to help on any future submission where they have expertise.

Four issues of the New Zealand Journal of Forestry were delivered to members. Over 60 authors have agreed to provide articles for the Journal and your benefit. Helen Greatrex and Jenny Palmer, with help from Kent Chalmers, have picked up the slack after Trevor Best resigned from the Editor's position the previous year (as well as their other work on the Journal). I think you will agree the Journal has continued with very readable and professional articles of great interest to all professional foresters.

It was pleasing to see 13 new applications for registration and an increase in Registered Members. I would like to thank the Registration Board Chair Peter Casey and his Board for their service. Alan Bell, Registrar, continues to work tirelessly to ensure Registered Members are meeting their obligations. We are expecting to see an increase in registration applications over the coming year, and as such have expanded the Board by one co-opted member. We will be keeping a close eye on the resources required by the Board because of the Forest Advisors Registration scheme.

We successfully managed to get our 2021 conference in 24 hours before the country went into lockdown. This conference was the conference planned for 2020. The committee ran an excellent conference in Masterton under the theme 'Pride and Passion in Forestry' and 225 people registered to attend. I would like to thank Committee

Chair Erica Kinder and her wonderful committee for a very successful conference.

NZIF finances are in good shape with a balance sheet of \$554,308, after removing the FRESTRA donation to the Future Foresters which will be held in an investment portfolio for future funding to the Future Foresters. We are budgeting a loss during the 2022–23 year as we use some of the balance to work with MPI on the Forest Advisors scheme, and finalise the Journal online project and the handbook conversion.

Finally, I would like to take this opportunity to thank our Administrator Raewyn Agnew and our Project Manager Jay Matthes for all their efforts during the year. The day-to-day running of the Institute is well served by both Raewyn and Jay and I am very appreciative of all their efforts.

The Institute would not be here without you the members. I thank you all for your continuing support of the Institute.

James Treadwell
NZIF President



Treasurer's report

2022

After the disruptions of the last two years we are pleased to present a set of NZIF Annual Accounts where we have been able to deliver NZIF's annual activities of conference, Local Section meetings and CPD events. 2021/22's Profit and Loss shows that we have made a profit of \$496,628.94. The headline of course is the incredibly generous grant from Frestra to Future Foresters of \$450,000. This is a one-off grant and will be invested for future projects led by Future Foresters. Taking out the Frestra grant, this is still an excellent financial year for NZIF.

Outside of the Frestra grant NZIF's revenues were up significantly over 2021 – \$370,400.46 is a strong revenue year for NZIF and compares with the \$219,230.97 generated in 2020/21. The main reason for this was having a full conference again this year. I would like to thank Erica Kinder and the rest of the 2021 organising committee for their hard work and success in delivering another excellent NZIF conference.

We have invoiced \$190,353.81 of annual membership subscriptions and this is an increase on the \$174,985 from last year. This increase is due to the higher subscription rates for the 2021/22 financial year, but most importantly an increase in membership numbers. Outside of the Frestra grant, Future Foresters also received \$28,750 in grants from

the Forest Growers Levy Trust (FGLT) and \$23,000 from MPI. This is a meaningful increase on the \$15,069.68 that they received in 2020/21 and recognises the value the wider industry sees in the work they do and the leadership they provide.

Our expenses were also up on last year, but again this is due to increased conference expenditure. Taking conference spend out, the majority of our costs were in alignment with last year. Our admin costs were up by \$21,686, which reflected that the return to less disruption gave our admin staff more work to do. Pleasingly, Council elected to make a \$15,000 donation to the NZIF Foundation. A challenge for several successive Councils now has been how we can utilise NZIF's cash reserves for projects that benefit our members. This Council has seen value in the work that the Foundation does with supporting forestry education and we believe members do too.

Our provision for doubtful debts has grown slightly from \$8,425 to \$8,846, and while we would like to see this figure reducing it is an acceptable change.

In the projects area we have now concluded the first stage of the handbook conversion project and the low spend in this area recognises the completion of the project. We have also spent \$12,234 in evaluating the Forest Advisors Bill and engaging with MPI. NZIF's response to this influential piece of legislation is outlined further in this report and the potential it has to impact on the NZIF clearly warrants us committing expenditure.

The large profit due to the Frestra donation has flowed into the balance sheet, with our equity position being

\$1,004,234, topping a million dollars for the first time. In the recent term, NZIF has run a very conservative investment approach with our funds, investing in bank term deposits. We have not deviated from this approach because the opportunity cost of returns on our reserves has not been significant enough to justify a move from the low risk of term deposits. The amount of funds that NZIF now has means that the opportunity to generate greater returns justifies us moving our reserves to a conservative managed fund.

Kent Chalmers



Skywork Helicopters Aerial Land Preparation operation at Dawn, Tasman Road, Whataro Forest, Northland



Left: Foreground prescribed burn skid and site ready for second rotation planting, background recent OIO approved new land planting. Moore Road, Whangarei District, Northland

Photos courtesy of Peter Houston



Above left: New Security gate installation. Avoca Forest, Northland

Right: Main hot pool at Kerosene Creek, Kaingaroa Forest, Bay of Plenty





Membership report

2022

Total membership has increased by 54 members since last year to 840 members, the largest NZIF has been in a number of years.

There have been increases across most categories and being able to offer a conference in 2021 resulted in a huge upswing in applications, with 30 members approved in the two months prior to the conference.

With the passing of the Real Estate Agents (Exemptions) Regulations 2017 for forestry it has become even more important to encourage ordinary members to apply for registration where the work they do places them under the provisions of the Act.

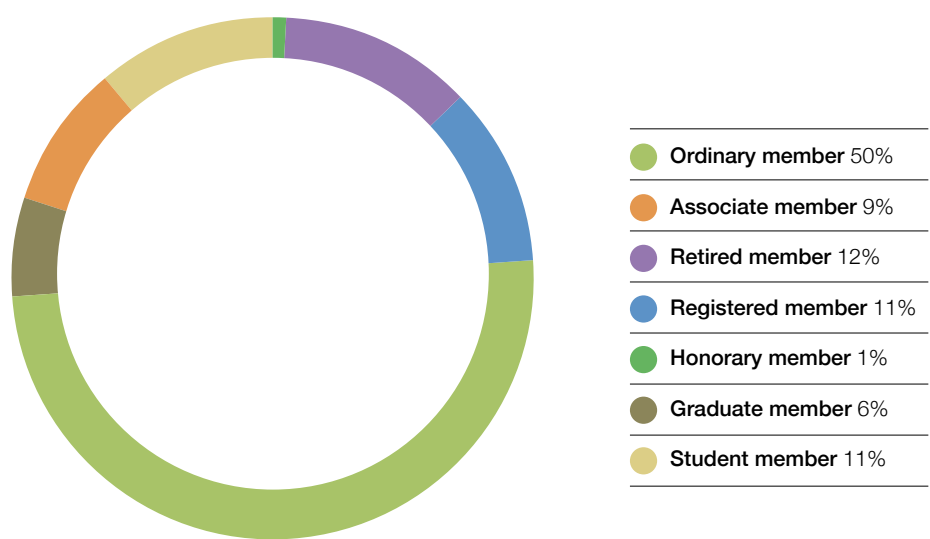
We also encourage members to make the most of the Local Section meetings on offer as a way of making the most of their membership. The format and delivery of these meetings has changed in some cases in response to COVID, with more options being offered online. Please keep an eye out for the emails advertising these events.

The focus of the last year for the membership portfolio has been improving the timeliness of processing applications and automating some of the previously manual processes. If you're either applying for registration, upgrading your membership or recently became a member and have feedback on the process, we'd be happy to hear from you about any further improvements we can make. We also hope you are enjoying the functionality of being able to find a forestry professional or view contact details for other members.

Bridget Fraser
Membership

View from Stu's Lookout (Abel Tasman National Park) looking across Sandy Bay towards Marahau with private plantation forests in the background, Tasman District. Photo courtesy of Peter Houston

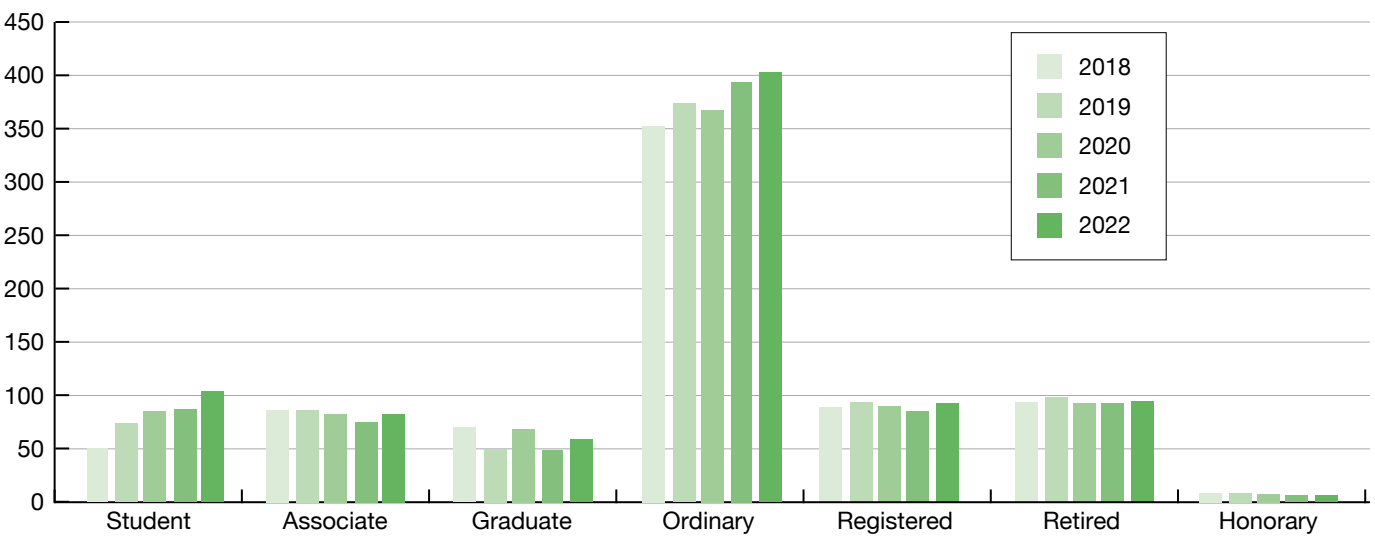
Membership class 2021



Membership numbers and trends for the last 5 years as at 31 March

Category	2018	2019	2020	2021	2022	Change during year
Honorary	8	8	7	6	6	0
Retired	94	99	92	92	95	+3
Registered	89	93	90	85	92	+7
Ordinary	353	374	368	394	402	+8
Graduate	70	50	68	48	59	+11
Associate	86	86	82	75	82	+7
Student	50	73	85	86	104	+18
Total	750	783	792	786	840	+54

Number of members



Submissions & Advocacy 2022



Subcommittee report

Despite the impacts of COVID-19 on business and the economy in general, the behindthescenes pace of actual and proposed regulatory change has shown no sign of interruption.

To the contrary, the need to respond to a variety of issues seems to be on the increase, fuelled by the current administration's desire to get its reform programmes underway and achieve runs on the board after the delays and interruptions caused by COVID-19. Climate change and the global commitment to a lower emissions and bio-circular economy are an added impetus.

Regulatory reforms have traversed a range of areas of potential impact to forestry and related sectors of the economy and are expected to continue to do this. The provision of independent advice and professional expertise across many areas of government remains an important function and one where the longer-term perspective of forestry professionals contrasts with the shorter-term interests of some in elected office or representing other sectors. In the course of the year, our submission efforts have focused on:

1. Amendments to the Climate Change (Forestry Sector) Regulations 2008.
2. The Climate Change Commissions draft advice for consultation.
3. The Ministry for the Environment (MfE) proposed amendments to the definition of 'wetlands' under the National Environmental Standard – Freshwater.
4. The proposed cost recovery regulations under the 'Forests Regulation of Log Traders and Forestry Advisors Amendment Act 2020'.
5. A direct response to the 'Yule' report commissioned by a consortium of local

government and other interests titled 'Managing Forestry Land-Use Under the Influence of Carbon'.

6. The Department of Conservation's discussion document on 'Streamlining the Stewardship Land Re-classification Process'.
7. A response to the Ministry for Primary Industries (MPI)/MfE discussion document 'Managing Exotic Afforestation Incentives'.

Copies of all submissions are loaded into the NZIF website 'Members Only' pages and members are encouraged to read and make use of the content of those submissions where appropriate.

Formal submissions remain an important focus for NZIF's advocacy but are not the only vehicle available to the Institute. The President has sought to maintain and increase the level of direct and indirect representation by the Institute to Minister(s) and other agencies and interest groups. NZIF's members hold office and contribute to the advice and information provided by other organisations.



The role of planted forests in the ETS – where is the 'right tree in the right place' and what management is required to achieve which objectives?

Council recognises the value of using many different channels in ensuring the independent voice of forestry gains traction in Wellington and in the wider public. The current impression is of increased predetermination by the time issues are published formally for feedback, perhaps reflecting the cultural significance and financial implications of issues such as choice of land use, water quality and biodiversity. This suggests the perspectives of those with interests inconsistent with the long-term interests of forestry in all its diverse forms might sometimes be more easily addressed before attitudes become entrenched.

Notwithstanding the success or otherwise of informal discourse, engaging in such debates can assist in providing insights useful in shaping the Institute’s more formal responses and is therefore something all members are encouraged to consider.

Kit Richards and Murray Parrish
Chair, Submissions and Advocacy Subcommittee, Council Representatives, Submissions and Advocacy Subcommittee



Mechanical pruner trial undertaken by Marshall Hudson (Hudson Clearwood Limited), funded by FGLT, Woodhill Forest, Auckland. Photo courtesy of Peter Houston



Valley seeps excluded from the proposed revised definition of wetlands under the NES-FW that if left following afforestation would likely become wetlands with modification strictly controlled. Photo courtesy of Colin Bradley

Forest fire committee

2022

Introduction

Managing the risk of unwanted fires threatening plantation forests has remained essentially unchanged for the past 50 years. However, what has changed is the fire legislative environment that operates over forestry lands. Before 2017, forest owner representatives sat alongside other land management representatives (e.g. the Department of Conservation (DOC), Federated Farmers and local governments) providing governance for forest and rural fire management matters at a regional level.

That all changed in July 2017 when the Government merged the urban and rural fire services to form FENZ. This change involved transferring the regulatory role for the management of fire in the forest and rural landscape to a centralised non-land management government agency administered from Wellington. Forest owners are now generally left to provide for their lands' day-to-day forest fire protection needs under common law provisions. Most large forest owners self-insure and, by necessity, retain the necessary forest firefighting resources and trained forest firefighters to protect their forestry investment at similar levels before 2017.

Wetland wildfires

Over the past fire season, major wildfire events included wetland wildfires in Northland and Southland. The area burnt exceeded 2,800 ha and 1300 ha, respectively. The fire suppression costs of these two wetland fires also involved millions of dollars. The question arising from these two wetland wildfires is what, if anything, has changed over the past three decades in managing this landscape? Apart from the regulatory management role moved to a non-land management entity in 2017, we know that global temperatures are slowly increasing. The need to reduce carbon emissions is an ongoing challenge for us all. In addition to the climate change debate is the number of recent public statements suggesting that our summers in New Zealand will become drier and fire seasons are becoming longer. These statements also indicate that climate change will see more severe fire danger conditions in New Zealand. They also suggest that this could lead to more significant, larger and extreme wildfires.

Fire danger levels

In consideration of these statements, research undertaken in 2020 aimed to better understand fire danger levels in New Zealand for the past 60 years and the likelihood of increases over the next 20 years. This research

looked at several fire weather indicator trends from the last 60-year history of fire weather data from 15 weather sites across New Zealand. The Impact of the Recent Climate on Fire Danger Levels Report, published in the New Zealand Journal of Forestry, 65(4) 2021, clearly shows this research does not support such statements of an increase of more than 70% in fire danger levels by 2040.

What has emerged is that the number of days with fuel available for combustion at an intense level has remained the same or actually reduced since 2000 for almost all of the weather station locations analysed. In addition, our maritime climate significantly impacts the New Zealand forest and rural landscape compared with Australia. This is more likely to result in more rain events with temperature impacts. Research commissioned by Meridian Energy indicates a likelihood of more rainfall across eastern parts of the South Island.

Pigeon Valley wild fire, 2019



A further factor to support this assessment was the fire danger level during the most recent Awarua Wetland fire in Southland, which occurred on 2 April 2022 and burnt 1,370 ha. From a fire danger perspective, using indicators from the Invercargill Airport weather station (a short distance from the wetland) the Build Up Index for 5 April 2022 was 51 and the Drought Code was 241. Twenty-two years earlier, for the 4 March 1999 Awarua Wetland fire, the February 1999 Build Up Index was 92 and the Drought Code was 439. This would indicate that Southland’s fire danger levels for early March 1999 were more elevated than the early April period in 2021.

FENZ district structure changes

When first established in 2017, FENZ maintained a similar regional leadership structure to the organisations that preceded it. District Managers led urban-focused brigades during that period, and Principal Rural Fire Officers led rurally-focused fire units and liaised closely with the forest and rural external stakeholders. This structure remained in place until 27 September 2021. From that date, the urban and rural divisions were merged into 17 new districts, replacing a split where there were 24 urban districts and 18 rural fire districts across the country.

Under the new structure, all urban brigades and rural stations now sit together under their respective newly appointed District Managers. The majority of the District Manager appointments have strong skill-sets in the urban fire protection environment, but have minimal background in the management of fire in the forest and rural landscape. With the new appointments of District Managers within the new FENZ structure still early in the transition phase, together with the apparent silo effect operating internally within FENZ, these factors are impacting individual forest owners’ ability to engage with FENZ effectively. If the status quo remains, respective forest owners when engaging with FENZ will continue to incur a level of uncertainty, frustration and dissatisfaction.

Shared responsibilities

Given the fire legislation changes made in 2017, it is essential to recognise the fundamental principles involved in the public versus private good elements in the management of fire in the forest and rural landscape. Research has made reference to the context of risk that taking responsibility is also about having control, both in decision-making and ‘control in acting.’ These shared responsibilities are between government and landowner stakeholders responsible for managing the lands involved.

Research has drawn attention to two potentially significant implications of putting the principle of ‘Shared Responsibility’ into practice that may not be immediately evident to emergency management practitioners and other stakeholders. These are that public sector agencies need to allow a relatively greater degree of control of risk management processes and outcomes to rest with communities of interest. Also, agencies need to clearly and directly communicate the limits of their capacities to control risk management processes and thus make it possible to achieve risk management outcomes.

Given the concerns outlined above, we are hopeful that strengthening the public-private partnership in the management of fire in the forest and rural landscape with strong leadership and engagement is an achievable goal.

Murray Dudfield

Chair Forest Fire Committee





Local sections 2022

Local Section meetings were again hampered by COVID-19 restrictions, especially in Auckland during April to May, and from 20 August until Christmas.

To reduce this impact, Council discussed the logistics with ICT specialists at the 2021 conference, and then together with the CNI section provided the first NZIF member webinar meeting on 28 September at the CNI meeting. Feedback from this event identified logistical difficulties for the host section.

Council then focused on providing remote webinars to all members from their homes in February and March. Feedback from these events was positive, especially from members with young children. Council intends to aim for one webinar each month for members. Webinars will be allocated to the section that identifies and coordinates the speakers to acknowledge its contribution. Webinars will be recorded and

made available for members for 12 months and can count as CPD.

Local Section's committees had requested guidance to assist with their administration of the section. Guidance was drafted, reviewed by two Local Section Chairpersons and Council, and was approved by Council. This guidance is also on the NZIF website in the 'Members Only' section: www.nzif.org.nz/assets/Uploads/A-Guidance-to-Local-Section-meetings.pdf

Section Chairpersons now also have access to a list of NZIF members within their section, and the NZIF administrator can send emails to these members. If the Chairperson cannot view their list, or changes, please let the Local Section representative and Administrator know so records can be updated.

Council has assisted with section meetings and webinars by shoulder-tapping speakers, and reimbursing speaker airfares and accommodation, as well as room hire and some refreshments for members. These funds are opportunities for Local Sections to invite speakers from outside the region, but were under-utilised during 2022.

Council encourages Local Section committees to meet and plan their meetings for the next 12 months (if they have not yet done so), allocate one committee member to organise the meeting, and contact the Local Section representative to pre-approve the financial support for that meeting.

Peter Houston
RMNZIF

The 2022 year section statistics are:

Statistics	Committee	Members	Physical meetings	Numbers	Webinars	Number (on the night)
Northland	Not currently active	31				
Auckland	Active	94	0	0	1	64
CNI	Active	262	5	139	1	35
Gisborne	Est committee	30				
Hawke's Bay	Active	38	3	60	0	0
SNI	Active	112	0	0	0	0
Top of the South Active	49	1	50			
Westland	Not currently active	5				
Canterbury	Active	180	3	79	1	51
Otago/Southland Active	47	2	32			
Council					1	61
Totals			14	360	4	211

Registration board report 2022

The role of the Registration Board is to administer the NZIF Registration Scheme. The number of Registered Members as at 31 March 2022 was 93.

During the year:

- 13 new Registered Members were approved by the Board
- Two members suspended pending satisfactory completion of annual requirements
- One Registered Member pending removal due to failing to apply for five-year review
- One Registered Member moved to retired membership status
- One member resigned following an unsuccessful five-year review
- 10 Registered Members had their five-year reviews completed
- The Board formally met (virtually) twice during the year. However, electronic communication is used to deal with such matters as five-year reviews and new member applications.

Registration Board focus and processes

This is the fifth year in which the Board has been operating the Registration Scheme under the Real Estate Agents (Exemptions) Regulations 2017, which exempts Registered Members from provisions in the Real Estate Agents Act. This is governed by regulations overseen by the Ministry of Justice.

Guidelines on the Real Estate Agents (Exemptions) were issued in November 2018 and are available on the Institute's webpage. The Board operates under its Procedure Manual, which was further updated in

November 2021. It also ensures Registered Member compliance with the Continuing Professional Development (CPD) Policy. Both documents are on the webpage.

In its professional quality assurance role, the Board has been focused on high standards of compliance for all Registered Members, including the adherence to the CPD policy. Ian Page, who has served the Board for 24 years, finished his term on 31 May 2022. Ian's contribution to the Board has been significant. His experience, institutional knowledge and insight has been very much valued by other Board members.

The Board chair would like to thank the following people:

- Members of the Board for their time and expertise in running the Registration Scheme
- The President and Council for its support of the Board over the past year
- Alan Bell for his services as Registrar
- Kirsten Stuart Mytton for agreeing to be co-opted to the Board for a 12-month period from 9 February 2021.

Member	Position	Member since
Peter Casey	Chair – appointed by Council	11 June 2018
Ian Page	Elected by Registered Members	1 June 1998
Andrew McEwen	Elected by Registered Members	1 June 2016
Janet Scott	Elected by the NZIF members (other than student members)	1 June 2012
Geoff Cameron	Elected by the NZIF members (other than student members)	1 June 2014
David Bunting	Member of another professional body, appointed by Council	1 December 2014
Ellanese Mytton	Co-opted to the Board under Rule 134	24 February 2020
	As from 1 June 2022 representing Registered Members	
Kirsten Stuart	Co-opted to the Board under Rule 134	9 February 2022
Registrar	Position	Registrar since
Alan Bell	Registrar, appointed by the Board	31 October 2018

Note the current terms of Ian Page and Geoff Cameron began on 1 June 2018. From 1 June 2022, Ellanese Mytton represents Registered Members with Ian Page retiring. In the March 2022 election, for the Board role Geoff Cameron held, Mark Morice was the successful candidate, with Mark's term commencing on 1 June 2022. Geoff Cameron has been appointed under Rule 134 for a 12-month period as from 1 June 2022. For Janet Scott and Andrew McEwen, their current terms began on 1 June 2020. They were subject to the four-yearly election cycle and were re-elected. The Chair was reappointed by Council at its 19 June 2020 meeting for another two-year term.



Future Foresters update

2022

Future Foresters continued to support forestry careers through online promotion, attending career events, and interacting with individuals interested in learning more about a career in forestry.

Future Foresters have maintained involvement in a range of industry working groups and committees, such as the Forestry and Wood Processing Workforce Council and the Training and Careers Committee.

Future Foresters 'Regional Leaders' have continued to be successful in establishing a wider Future Foresters presence throughout New Zealand. These leaders were responsible for organising local events and attending careers events and will play a pivotal role in the ongoing management and succession of the Future Foresters. Each region held a 'Meet your regional leader' event in May to network with other Future Foresters in the area. This was an awesome opportunity for Future Foresters members to receive their FF shirts for this year. We also continued our roll-out of the mental health first aid courses and were part of the Girl Boss Innovation challenge and Mana wahine mahi.



Future Foresters had the privilege to meet with Minister Nash at field days. Attendees were Adrian Loo, Hazel Swanson, Cristoph Riedel and Sheridan Ashford. Productive conversations were had about the plan for the 'New' forest service and his vision for the industry.

Future Foresters have continued attending various careers expos and school visits throughout the country. The feedback from attendees has been fantastic and our representatives have really enjoyed the opportunity to engage with potential future Future Foresters.

Frestra Club

Future Foresters have received a significant sum of money from the Frestra Club. This funding will ensure the longevity of Future Foresters. We want to acknowledge the generosity of the Frestra Club and thank them for this funding.

Committee changes

Sheridan Ashford and Adrian Loo have stepped down from the Future Foresters Executive Committee to allow for the next generation of foresters to make their mark. We would like to thank them for their time and commitment to Future Foresters over the past few years.

Adrian Loo

On behalf of the Future Foresters Committee





NZ Journal of Forestry

NZ Journal of Forestry

2022

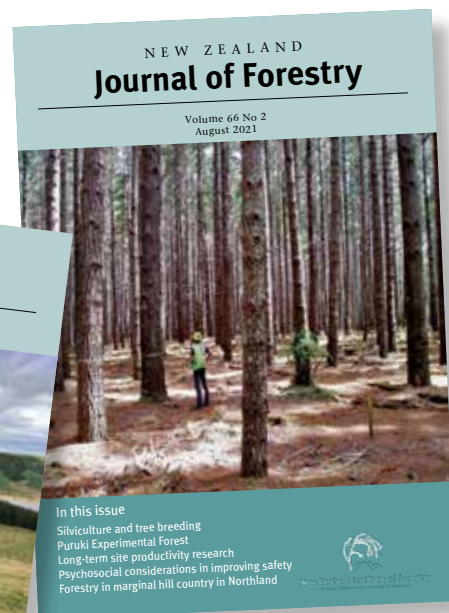
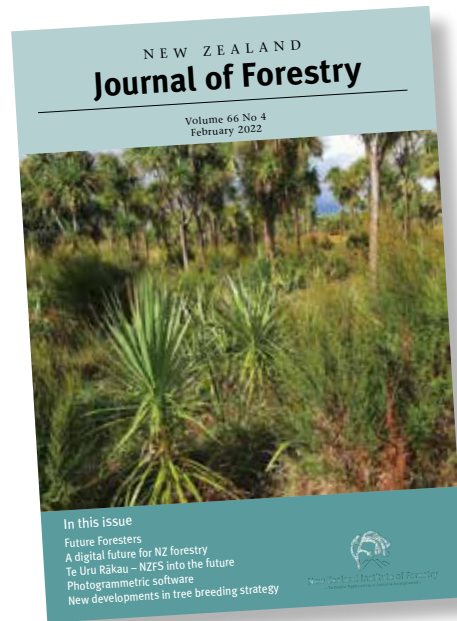
The New Zealand Journal of Forestry provides NZIF members and forestry professionals with a forum for peer-reviewed papers, professional papers and topical opinion pieces.

Our themes this year have focused on Management of Permanent Forests, Silviculture & Tree Breeding, Conference and Future Foresters. In this past year we have had 60 authors contribute to the Journal and we published three book reviews and two obituaries. We have also sought to contribute to the land use debate in New Zealand.

The quality of the Journal is the result of a talented and committed team. Helen Greatrex does an excellent job of many of the Editor's functions and I am grateful for her support. Jenny Palmer continues to admirably handle our design and Glenn Owens at The Print Room Kapiti produces issues.

On behalf of the Council, I would like to thank all contributors who volunteer their time writing papers, reviewing papers and writing opinion pieces.

Kent Chalmers





NZIF Foundation 2022

The NZIF Foundation was established by the Institute in December 2011. It is a legally separate entity from the Institute and is a registered charity with IRD donee status (meaning donations to it are eligible for tax credits).

Trustees are appointed by the NZIF Council and (at 31 March 2022) were Tim Payn (Chair), Andres Katz, Prue Younger and Lou Sanson. The remaining original Trustees reached the end of the maximum 10-year term allowed in the Trust Deed. James Treadwell stepped down on 30 June 2021 and Andrew McEwen on 28 February 2022 following the appointment, by the NZIF Council, of Tim Payn as the Chair.

The NZIF Foundation would like to thank the two outgoing members for their service. Both served as Trustees for the maximum 10 years starting from the establishment of the Foundation. Andrew McEwen, as Chairperson, provided consistent and thoughtful guidance, while James Treadwell was responsible for obtaining several significant donations.

The Foundation hosted an event in Rotorua on Thursday 3 June 2021 to celebrate the publication (by Writes Hill Press) of Vivien Edwards' biography *A Path Through The Trees: Mary Sutherland – Forester, Botanist and Women's Advocate*. Mary was the first woman in the world to graduate with a forestry degree (from Bangor University in 1916) and was a founding member of the NZIF in 1927.

To mark the event, the Foundation awarded Mary Sutherland Scholarships (of \$1,000 each) to Pamela Purdie and Lily Marshall, first-year Diploma in Forest Management students at Toi Ohomai Institute of Technology in Rotorua. Lily and Pamela also each received a copy of the biography. The Foundation had obtained a grant of \$14,000 from the Stout Trust to help fund the publication of the biography.

The Foundation announced the following awards at the NZIF conference dinner in Masterton on 16 August 2021:

Future Forest Scholarship: One scholarship of \$10,000 went to Vikash Ghildiyal, a PhD student at the University of Canterbury School of Forestry for his research on improving the drying quality of Eucalyptus. This award was made possible by a 2017 donation of \$70,000 from the forest investment company New Forests.

NZ Redwood Company Scholarship: Katherine Yallop, a B.For.Sc. Honours student at the University of Canterbury School of Forestry, received the \$5,000 NZ Redwood Company Scholarship.

Student Scholarships: Ashleigh Mosen, an M.Sc. student at Massey University, received the \$1,000 Frank Hutchinson Scholarship. Her research

is on new techniques as an alternative to the use of copper fungicides for the control of Dothistroma needle blight.

Jamila Milne, a third-year B.For.Sc. student at the School of Forestry at the University of Canterbury, received the \$1,000 undergraduate award.

The Trustees were pleased to receive \$44,940 in donations during the year:

- \$5,000 from the NZ Redwood Company to enable the NZ Redwood Company Scholarship to be offered for the fifth and final time
- \$15,000 from NZIF
- \$19,000 donations, of \$1,000 or more each, from five NZIF members
- \$5,940 in donations of between \$10 and \$500 from 84 NZIF members.

Tim Payn
Chair



2021 Mary Sutherland Scholarship recipients Lily Marshall and Pamela Purdie with Trustees James Treadwell and Andrew McEwen

NZIF Conference – Masterton

2021

With the 2020 Conference planned for Masterton having to be postponed due to Covid -19 the conference committee replanned to again hold the 2021 AGM and Conference in Masterton. So on Monday 28 June 225 participants got together for a day and a half of conference with the theme – Pride and Passion in Forestry.

The two main themes running through the presentations were:

- The communication to primary and secondary schools on the wide range of interesting careers available in the forestry sector along with the nurturing of recent graduates being provided by the Future Foresters, and

- The science of climate change leading to critical decisions governments need to make and the significant role forestry has in New Zealand to assist the achievement of being carbon neutral by 2050.

Beth Welden, David Saathof and Erica Kinder led the presentations and discussions on the first point above and Nick Golledge, Harry Clark and Kevin Reardon lead the presentations and discussions on the climate issues.

A very positive innovation at this conference was the invitation of about 12 Year 13 pupils from each of St Matthews and Rathkeale colleges. They attended the conference and the field days. Four of these students applied for Forestry school at Canterbury University commencing this year.

NZIF Council thank the conference organising committee of Erica Kinder (Chair), Nikki Coulmann, Jack Palmer and Scott Andrew who as always were very ably assisted by Jay Matthes.

It is of interest to note that the day conference finished the country was plunged back into Code Red again !

Peter Hill

Council representative on the Organising Committee



Pamela Purdie and Lily Marshall receiving Mary Sutherland Scholarship. Photo courtesy of Peter Houston



NZIF Conference, 2021

NZIF Forest Valuation working party 2022

Membership at start of 2022

Bruce Manley (Convenor)
Philip Elworthy
Erin Jeffrey
Bill Liley
Andre Neumann
Melissa Nicol
Nick Ping
Brian Rawley
Rudolf van Rensburg

Activities

The Working Party met 10 times during the year to 31 March 2022. The main activity has been to review the remaining Standards that require revision.

Last year, final versions of the Standards that had been reviewed were released. These are:

- B1 Description of land
- B2 Forest area
- B3 Stand History
- B4 Aggregation (previously B4 Croptyping)
- B5 Yield Estimation
- B7 Costs
- B8 Prices
- B10 Discount rate
- B12 Forest Valuation Method.

Progress made on the remaining Standards to date can be summarised:

Chapter	Progress on revision
B6 Value of Land (Durables)	Under revision
B9 Contingencies	Completed
B11 Taxation Effects	Under revision
B13 Change in Value	Completed
B14 Valuation for Insurance	Completed
Part C – Presentation Standards	Completed
Part D – Valuation Checklist	To be finalised once Standards are complete
Part E – Glossaries	Completed

Once Standards B6 and B11 have been completed, the Standards and associated material will be released as exposure drafts for review. The process is:

- Completion of review of Forest Valuation Standards
- Release of revised Standards to NZIF members as an Exposure Draft
- Preparation of Final Standards and, in conjunction with the Institute of Foresters of Australia, inclusion in the joint Australia/New Zealand Forest Valuation Standard.

At that stage, attention will turn to the development of a Carbon Standard (Valuation of carbon under the ETS) to replace the 2011 guidance material on 'How to incorporate the impact of the ETS on forest and forest land valuation'.

Bruce Manley
Convenor

Independent assurance practitioner's review report

To the Council of New Zealand Institute of Forestry (NZIF) Te Putahi Ngaherehere O Aoteaora Incorporated

We have reviewed the accompanying special purpose financial statements of New Zealand Institute of Forestry (NZIF) Te Putahi Ngaherehere O Aoteaora Incorporated, which comprise the statement of financial position as at 31 March 2022, and the statement of financial performance for the year then ended, and a summary of significant accounting policies and other explanatory information.

The responsibility of the Council for the financial statements

The Council are responsible on behalf of the entity for the preparation and fair presentation of these special purpose financial statements in accordance with New Zealand Tax Administration (Financial Statements) Order 2014 and for such internal control as the Council determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Assurance Practitioner's Responsibility

Our responsibility is to express a conclusion on the accompanying special purpose financial statements. We conducted our review in accordance with International Standard on Review Engagements (New Zealand) (ISRE (NZ)) 2400, "Review of Historical Financial Statements Performed by an Assurance Practitioner who is not the Auditor of the Entity". ISRE (NZ) 2400 requires us to conclude whether anything has come to our attention that causes us to believe that the special purpose financial statements, taken as a whole, are not prepared in all material respects in accordance with the applicable financial reporting framework. This Standard also requires us to comply with relevant ethical requirements.

A review of special purpose financial statements in accordance with ISRE (NZ) 2400 is a limited assurance engagement. The assurance practitioner performs procedures, primarily consisting of making enquiries of management and others within the entity, as appropriate, and applying analytical procedures, and evaluates the evidence obtained.

The procedures performed in a review are substantially less than those performed in an audit conducted in accordance with International Standards on Auditing (New Zealand). Accordingly, we do not express an audit opinion on these special purpose financial statements.

Other than in our capacity as assurance practitioner we have no relationship with, or interests in, New Zealand Institute of Forestry (NZIF) Te Putahi Ngaherehere O Aoteaora Incorporated.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that these financial statements do not present fairly, in all material respects, the financial position of New Zealand Institute of Forestry (NZIF) Te Putahi Ngaherehere O Aoteaora Incorporated as at 31 March 2022, and its financial performance for the year then ended, in accordance with the New Zealand Tax Administration (Financial Statements) Order 2014.

Moore Markhams

Moore Markhams Wellington Audit | Chartered Accountants, Wellington, New Zealand
1 July 2022

Statement of financial performance

For the Year ended 31 March 2022

	Notes	2022 \$	2021 \$
Operating Revenue	2		
Annual Membership		190,354	174,986
Conference/CPD Workshop		124,942	7,600
Interest		3,436	7,999
Future Forester Grant		492,778	15,070
Journal of Forestry		8,191	8,706
Newsletter		—	500
Other Income		700	4,340
Publication		—	30
Total Revenue		820,400	219,231
Less Operating Expenses	3		
Accounting/Audit/Tax Fee		4,542	5,000
Conference/CPD Workshop		58,663	2,315
Council		12,611	11,731
Computers		4,372	1,766
Depreciation		3,037	5,250
Donation to Foundation		15,000	—
Doubtful Debts		8,846	8,425
External Membership		—	500
Finance		7,943	6,607
General Administration		83,756	62,070
Journal of Forestry		55,700	53,794
Loss on Disposal		—	—
Membership		9,444	6,097
Registration Board		11,776	10,350
Promotion		3,385	5,031
Website		1,204	2,680
Other Projects			
Handbook Conversion		760	1,358
Revised Code of Ethics and Values		—	—
Future Foresters		28,675	18,835
Forest Advisors Bill		12,324	—
Total Operating Expenses		322,037	201,808
Operating Surplus/(Deficit)		498,363	17,422
Less Tax	5	1,734	—
Net Surplus/(Deficit)		496,629	17,422

The accompanying notes form part of these Special Purpose Financial Statements.

Statement of movements in equity

For the Year Ended 31 March 2022

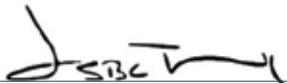
	Note	2022 \$	2021 \$
Equity Brought Forward		507,606	490,184
Net Surplus/(Deficit) for the year		496,629	17,422
Equity at 31 March 2021		1,004,235	507,606

Statement of financial position

For the Year Ended 31 March 2022

	Note	2022 \$	2021 \$
Current Assets			
Bank Current Account		90,145	79,347
Term Deposits		453,376	450,120
Accounts Receivable		3,366	8,478
Future Forester Grant		—	2,222
Future Forest Bank Account		12,904	—
Future Forest Call Account		450,091	—
Goods & Service Taxation		2,134	—
Total Current Assets		1,012,017	540,166
Non-Current Assets			
Website	4	16,365	5,251
Trademark		7,170	7,170
Total Non-Current Assets		23,535	12,421
Total Assets		1,035,552	552,587
Current Liabilities			
Accounts Payable		18,878	10,178
Accrued Creditors		3,200	3,500
Conference 2021		—	14,739
Income in Advance		7,505	9,656
Goods & Service Taxation		—	6,908
Provision for Taxation	5	1,734	—
Total Current Liabilities		31,317	44,981
Net Assets		1,004,235	507,607
Equity			
Current Year		496,629	17,422
Retained Earnings		507,606	490,184
		1,004,235	507,606

The accompanying notes form part of these Special Purpose Financial Statements.


 President 1.07.2022
 Date


 Treasurer 28.06.2022
 Date

New Zealand Institute of Forestry (NZIF)

Notes to and forming part of the Special Purpose Financial Statements

For the year ended 31 March 2022

1. STATEMENT OF ACCOUNTING POLICIES

Entity Reporting

These special purpose financial statements are for the New Zealand Institute of (NZIF) Te Putahi Ngāherehere o Aotearoa Incorporated, a society founded in 1927 and incorporated under the Incorporated Societies Act 1908 on the 19th May 1982. (Incorporated Society No. 216334).

Basis of Preparation

The special purpose financial statements have been prepared in accordance with Tax Administration (Financial Statement) Order 2014 and accounting policies set out below.

Measurement Base

The special purpose financial statements have been prepared on the historical cost basis. The special purpose financial statements are presented in New Zealand (NZ\$) and all values are rounded to the nearest NZ\$.

Specific Accounting Policies

The following specific accounting policies, which materially affect the measurement of financial performance and financial position, have been applied as follows:

a. Revenue

Income received from the membership of the Institute, grants and the annual conference.

b. Goods and Services Tax

All amounts are recorded exclusive of GST, except for the debtors and creditors which are stated inclusive of GST.

c. Accounts Receivable

Accounts receivables are stated at expected realisable value, after allowing for any doubtful debts. Doubtful debts are written off as at 31 March, once approved by the Council.

d. Accounts Payable

Accounts payable are measured at the amount owed less any amounts that are impaired.

e. Income Tax

As an incorporated society, NZIF is required to declare income earned from non-members. The tax expense recognised for the year is as determined in accordance with the Income Tax Act 2007.

f. Expenditure

Expenditure is recognised on an accrual's basis in the year to which it relates.

g. Fixed Assets and Depreciation

Fixed Assets are stated at cost less accumulated depreciation.

Website costs are amortised at a rate of 50% per year.

Trademarks are considered to have an indefinite useful life and are therefore not amortised.

h. Income in Advance

Journal Subscription fees paid in advance for the following year.

2. INCOME STATEMENT

a. Annual membership includes registration fee where applicable.

b. Annual Conference.

c. Future Foresters Grants:

Fresta – \$450,000

MPI – \$20,000

FGLT – \$22,778.10

d. Journal of Forestry.

3. EXPENDITURE STATEMENT

a. Annual Conference.

b. Computer expense increase is due to historical subscription.

c. Donation to the Foundation from NZIF membership as agreed by Council.

d. Doubtful Debts, members that have not paid 2021/22 membership fees.

e. General administration expense was up due to Covid lockdowns and less working hours the previous year.

f. Membership expense relates to the Local Section events and the Database membership subscription.

g. Forest Advisors Bill expense is for consultant's fees engaging with MPI.

4. FIXED ASSETS

Depreciation is calculated on a diminishing value basis over the estimated useful life of the asset. Depreciation rate is at 50%.

Fixed Assets 2022	Website
Opening book value	5,251
Additions	14,151
Loss on disposals	0
Depreciation	3,037
Closing book value	16,365

Fixed Assets 2021	Website
Opening book value	10,500
Additions	0
Loss on disposals	0
Depreciation	5,249
Closing book value	5,251

5. TAXATION

	2022	2021
Interest & Dividends Received	3,436	7,999
Other Income	700	4,340
Assessable Non-Member Income/(Expenses)	33,347	126
Losses Brought Forward	(30,290)	(42,755)
Not-for-profit Exemption	1,000	—
Taxable Income	6,193	(30,290)
Tax @ 28%	1,734	—
Tax Provision	1,734	—
Opening Balance – Tax Payable	—	—
Income Tax Refunded	—	—
Tax Payable (Refund)	1,734	—

6. RELATED PARTY TRANSACTIONS

- The NZIF Council appoints the NZIF Foundation Trustees.
- NZIF pays administration costs and provides various other services free of charge to the NZIF Foundation. NZIF donated \$15,000 and another \$10,390 was donated by members via NZIF website and then transferred to the Foundation.
- The President of NZIF ceased to be a Trustee at 30 June 2021.

7. SUBSEQUENT EVENTS

No identified events occurred after reporting to the Annual Accounts 2022.

Council members



James Treadwell
President



Peter Hill
Vice President



Kent Chalmers
Treasurer



Bridget Fraser
Councillor



Christopher Richards
Councillor



Russell Dale
Councillor



Peter Houston
Councillor



Murray Parrish
Councillor



Edwin Jansen
Councillor



Adrian Loo
Co-opted member

Registration board



David Bunting
Board Member



Geoff Cameron
Board Member



Andrew McEwen
Board Member



Ian Page
Board Member



Janet Scott
Board Member



Ellanese Mytton
Board Member



Alan Bell
Registrar



Peter Casey
Registration Chair

Administration



Jay Matthes
Project Manager



Raewyn Agnew
Administrator

