



New Zealand Institute of Forestry
- Te Pitahi Ngāherehere o Aotearoa Incorporated -



2021

ANNUAL REPORT



CONTENTS

Honouring our members	2
President's report	4
Treasurer's report	7
Membership report	8
Submissions and Advocacy	10
Forest Fire committee	12
Local Section report	14
Registration Board	15
Future Foresters	16
NZ Journal of Forestry	17
NZ Institute of Forestry Foundation	18
NZ Forest Valuation Working Party	19
NZIF Financial Statements	20
– Auditor's letter	20
– Statement of Financial Performance	21
– Statement of Movements in Equity	22
– Statement of Financial Position	22
– NZIF Notes to Financial Statements	23
Council Members, Registration Board, Administration	26

Front cover: Arborgen Kaikohe Nursery. Photo courtesy of Peter Houston

Left: Semi natural planted forest. Photo courtesy of Greg Steward

HONOURING OUR MEMBERS

It is with great pleasure I announce the awardees for the Sustainability Cup, the Forester of the Year award and the Kirk Horn award. Starting with the Prince of Wales Sustainability Cup ...

PRINCE OF WALES SUSTAINABILITY CUP

Since finishing university in 2015 the awardee has worked within forestry management in Canterbury and the West Coast, with a goal of growing the estate in an environmentally sustainable way.

The awardee has recently started a new role as an ETS manager, managing ETS portfolios and new afforestation through the 1BT programme. The awardee works hard to focus landowners on diversifying their land use through the addition of exotic and native forests.

The awardee is also a founding member of the Future Foresters, which plays an important role in attracting school leavers and others into careers in forestry and supporting their early career developments. The awardee has managed the social media outreach to provide a community for young foresters and to promote the forest industry.

In the short period since leaving university the awardee has actively promoted the industry and been a point of engagement for people interested in entering the industry. This has included speaking to potential industry entrants, taking parties out for a 'day in my shoes' and getting actively involved in the Institute.

In addition to the above the awardee has been actively attending nationwide restoration planting days held by Environment Canterbury, and has assisted in building and maintaining local mountain bike tracks.

It is with great pleasure I announce the 2020 Prince of Wales Sustainability Cup goes to Adrian Loo!

THE FORESTER OF THE YEAR AWARD

The awardee grew up on a dairy farm in the Waikato and graduated from the School of Forestry at Canterbury University. The awardee then worked in Coromandel and the West Coast where they undertook regeneration surveys of cutover indigenous forest. Their first full-time job lasted four months before the Forest Service was disestablished. Not a great start to a forestry career.

The awardee joined the Ministry of Forestry where they spent three years working on forest policy issues, including Cyclone Bola recovery, privatisation of the Forestry Corporation and protection of indigenous forest on private land.

A 15-year stint in the UK followed working for a range of organisations, including the Department of Environment, Food and Rural Affairs and the Forestry Commission. A common theme in all of these roles was the broader role of forestry and using forestry to achieve government objectives such as



Adrian Loo receiving award from James Treadwell, President

Deaths

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

Anthony Beveridge

John Novis

John Rawson

Geoffrey Sweet

Anthony Watt

Richard Woollons

NZIF Fellows elected in 2020

Bill Liley and Dennis Neilson

retiring land from agriculture, renewable energy as early climate change initiatives, forests for health, recreation and tourism, and timber for sustainable housing.

On returning to New Zealand, after a year studying viticulture and wine-making, the awardee joined the Ministry of Agriculture and Forestry setting up the Climate Change team with a focus on establishing the ETS. The awardee has gone on to roles in Biosecurity and Animal Welfare and Food Policy.

In February 2018, the awardee was asked to take on a temporary role to establish a new government forestry agency. In late 2019, the awardee was appointed as the permanent head of this agency as Deputy Director General within MPI. Since 2018, the team the awardee manages has grown to around 140 people, and is now a strong voice for forestry in government and is genuinely interested in the opportunities and challenges facing the sector.

The awardee is equally at home in Wellington circles and in the Wairarapa, with her gumboots on tending the family vineyard in the weekend. While doing all of this she has maintained her support of the Institute, and has given

KIRK HORN AWARD

The awardee has made a major distinguished contribution to New Zealand forestry as a scientist, as a specialist forest management consultant, and at the School of Forestry. His speciality was forest management, particularly yield regulation, economics/valuation and forest resources.

He became the foremost New Zealand expert in long-term forest planning. He implemented and improved FOLPI, the Forest Oriented Linear Programming Interpreter, that became the most widely used IT tool for planning and valuation in New Zealand.

It was the awardee's work with Andy Kirkland that embedded the use of Present Net Worth in New Zealand forest management planning. The awardee has worked on consultancies in Malawi and Fiji and managed the research advisory group for the Permanent Forest Sink Initiative.

The awardee joined the School of Forestry at the University of Canterbury, quickly rising to Professor and Head. He is highly respected by both students and faculty and the School remains vigorous and independent due to his leadership.

It is with great pleasure I announce the 2020 Kirk Horn award goes to Bruce Manley!

James Treadwell
President



Julie Collins receiving award from James Treadwell, President

her time willingly to talk to and inspire young women in forestry and the wider public service about her story and the opportunities available for those who seize them.

It is with great pleasure I announce the 2020 Forester of the Year award goes to Julie Collins!



Inset photo (above):
Pre-plant aerial dessication and hand-planting at Avoca Forest, Northern Area, Hancock Forest Management (NZ) Ltd. Photo courtesy of Peter Houston



PRESIDENT'S REPORT

It is with much pleasure that I present the annual report for the year ending 31 March 2021 of the New Zealand Institute of Forestry. The Institute has used its strong balance sheet to improve member services.

I would like to acknowledge the contribution of members of Council who retired in 2020 – David Evison, Jess Brown, Euan Mason, Patrick Milne and Jonathan Dash. All have contributed to Council in various ways, helping to govern and manage the Institute through rapidly changing times. Whilst COVID-19 has made it difficult to acknowledge the retiring members, I would personally like to thank them all for the time and expertise they have willingly provided members.

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 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 offer 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.

The current Council is organised so each Councillor has responsibility for specific areas of Council work. Each Councillor has contributed to this report.

Helicopter logging in Arthurs Pass National Park. Photo courtesy of Trevor Best

In addition, leaders of the respective committees and SIG's have also provided a review of the year. I trust members find these overviews informative and helpful.

The current Council has met every six weeks, with every three meetings face-to-face. We have been working through the development of an annual work plan, setting budgets for the 2021/22 financial year, and will embark on a strategy project for the next three to five years. Council is very aware the Institute exists to provide members with benefits as per the objectives (clause 6 of the Rules). However, we also welcome feedback and suggestions from members so please do not hesitate to talk to a Councillor if you have an issue or suggestion you wish us to consider.

As at 31 March 2021 membership stands at 786. This is a reduction from the prior year by six members. Whilst declining membership is a concern, it is also a factor of an ageing membership. Efforts to retain student members as they enter the workforce include the support of the Future Foresters SIG, encouraging employers to pay some or all of graduates' membership fees and explaining the benefit of continued membership at the annual 'meet your employer' day. We are all conscious there are many foresters working within the sector who should be members and we are working on ways to encourage them to join. If NZIF becomes the delegated authority for 'registration' of Forest Advisors I expect to see our membership grow.

COVID-19 made holding Local Section meetings during 2020 problematic.

The current Council is making concerted efforts to help Local Section committees develop and hold interesting meetings. Local Section meetings are the core of the Institute, as they allow for knowledge transfer and networking and fulfil objective 6.7 of our Rules.

Your Council made five submissions across a variety of topics. I would like to thank Murray Parrish for his efforts in this area. Submissions are so important, and seem to be coming thicker and faster than ever before. Therefore, the current Council has tasked Kit Richards to help Murray within this area. 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 *NZ Journal of Forestry* were delivered to members. I would like to thank Editor Trevor Best for his service, but also acknowledge and thank Helen Greatrex and Jenny Palmer for their continued expertise.

It was disappointing to see a decrease in the number of registered members, especially at a time where certification will become compulsory if a member wishes to give advice under the Forest (Regulation of Log Traders and Forestry Advisers) Amendment Act. We have a very experienced Registration Board ably chaired by Peter Casey. Alan Bell is the current Registrar and works tirelessly to ensure registered members are meeting their obligations. I would like to thank the Board and Alan for their efforts over the last year. I would also like to



Inset photos

Top: View over 'Shay' (Peter Houston's dog) viewing Grimmer Contracting Ltd gravity roller crushing sprayed gorse at Waipu Forest, Northern Area, Hancock Forest Management (NZ) Ltd

Bottom: Scott Triplow (Forest Engineering) harvesting planning using LIDAR on a GIS system for Avoca Forest, Northern Area, Hancock Forest Management (NZ) Ltd

Photos courtesy of Peter Houston

encourage all members to aim for registration. Not only does it show your professionalism, as judged by your peers, but it will also be a condition of giving advice in the very near future.

Sadly, the 2020 conference had to be cancelled due to COVID-19. However, I would like to thank the committee who agreed to run the conference in 2021 instead, and I am thoroughly looking forward to listening to the programme they have organised.

NZIF finances are in good shape with a balance sheet of \$507,328. We are budgeting a loss during the 2021/22 year as we use some of the balance to improve members' services, including a Handbook update and conversion to electronic media, moving the Journal online, and completing the valuation standards review and update.

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
President

Right: Arborgen Kaikohe Nursery
Inset photo (below): Fence line cutting, FPS Forestry Ltd.
Photos courtesy of Peter Houston



TREASURER'S REPORT

I have the pleasure of presenting a better than forecast set of annual accounts for the 2020/21 financial year. This year the real satisfaction has been in how we have delivered this against the backdrop of a challenging and uncertain year. A \$17,422 profit and \$507,606 in equity are a great result.

2020/21's annual revenue of \$219,231 was significantly down on 2019/20's due to no conference in 2020. Conference revenue was always going to be less than 2019/20's due to that year's ANZIF Conference. Thanks to the prudence and hard work of the Conference committee and NZIF staff, we were able to save all our payments and so the loss was only the opportunity cost of not holding the conference.

No report on 2020 has any standing if it does not mention pivoting. The NZIF Council and staff did a great job of pivoting from a conference to the 26 September CPD Workshops and AGM. The workshop generated \$5,285 of profit, but the real value was the opportunity for the Institute to gather again in person and celebrate our success with the 2020 Awards.

Once we remove the conference expenditure the Institute's operating expenses were down \$26,172 compared to 2019/20. Our administration costs were \$19,492 lower this year than last. The first quarter of the financial year had less work for our admin staff, so they were able to pick up additional work outside of NZIF, which was a win-win for both parties. Council costs were also \$7,536 lower this year due to Council making more use of online meetings and one less Council position receiving an honorarium. Less physical activity among members also reduced the amount that we spent on promotion. As an organisation, NZIF's ability to adjust our expenditure to respond to the external environment has been the most satisfying aspect of our financial result this year.

Our Doubtful Debts increased from \$6,009 to \$8,703 meaning that more members are failing to pay their annual subscription. 2019/20's Annual Report was the first year we included Doubtful Debts in the Profit & Loss so it is difficult to determine if this is a continuing trend.

A change in this year's accounts is that we are now including Future Foresters grants and expenditure in the Profit & Loss. Historically, these amounts have not been significant enough to be included in the Profit & Loss, but with \$15,070 of income in 2020/21 we have passed the materiality threshold. There is also \$2,222 showing in the NZIF Balance Sheet for Future Foresters that NZIF will claim at the end of the Forest Growers Levy Trust financial year.

NZIF's equity position at the end of 2019/20 was \$490,184 so this year's surplus takes us to \$507,607 of equity. Council remains committed to using NZIF's Balance Sheet to invest in projects and services to members. For the 2020/21 year we focused on the Handbook project and have not made as much progress as we expected, and this is reflected in the expenditure amounts. We spent \$1,358 in 2020/21 and this was down from \$6,900 that was spent in 2019/20. Both year's expenses are significantly under what was budgeted. This is partially explained by the disruption of 2020, but also the nature of the work, using part-time resources to convert the existing Journal to html language. A significant part of the work is expert review of the 2005 Handbook, and this work continues to progress, but does not have expenditure associated with it due to the generosity of our members and the wider industry.

Kent Chalmers

Treasurer

MEMBERSHIP REPORT

Total membership has decreased by six members since last year (to 786 members).

The bulk of changes during the year have been the conversion of graduate members to ordinary members. There has been a concerted effort during the year to make sure people are in the correct membership class based on their expertise and experience.

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. Last year's conference, while shortened to just the AGM and professional development sessions due to COVID-19, was another chance to ensure members are aware of this benefit.

We also encourage members to attend the Local Section meetings on offer as a way of making the most of their membership.

The focus of the last year for the membership portfolio has been on improving the membership database and sections of the NZIF website. This has been to improve the timeliness of processing applications and automate some of the previously manual processes. If you are either

applying for registration, upgrading your membership or recently became a member and have feedback on the process, we would 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 the contact details for other members.

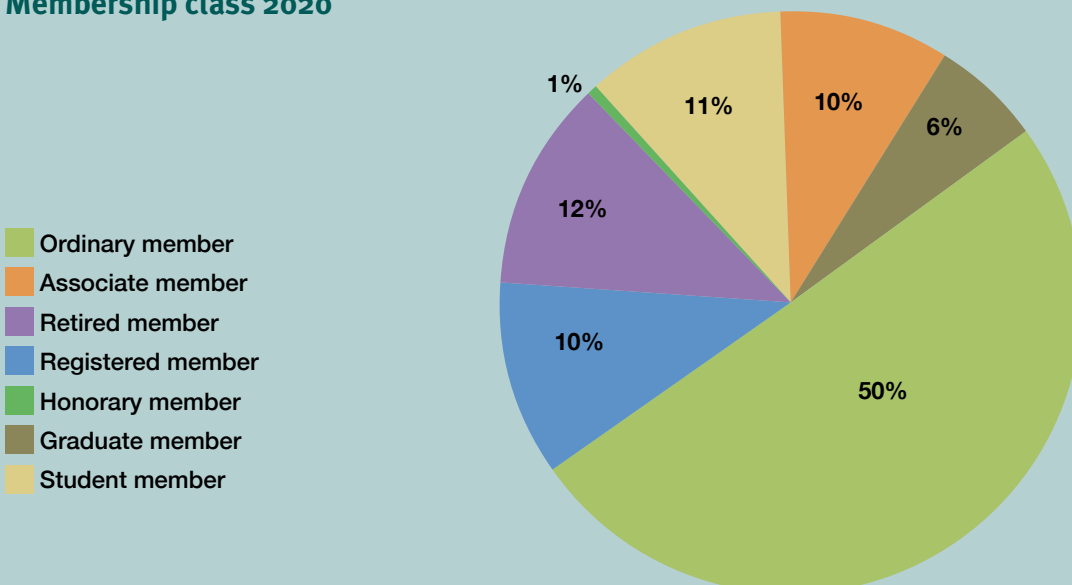
Bridget Fraser Membership



Inset photo (above): Road sign at Marker 2, McMillan Road, Pipiwai Forest, Northern Area, Hancock Forest Management (NZ) Ltd. Photo courtesy of Peter Houston

Right: Riparian area in a New Zealand planted forest. Photo courtesy of Brenda Baillee

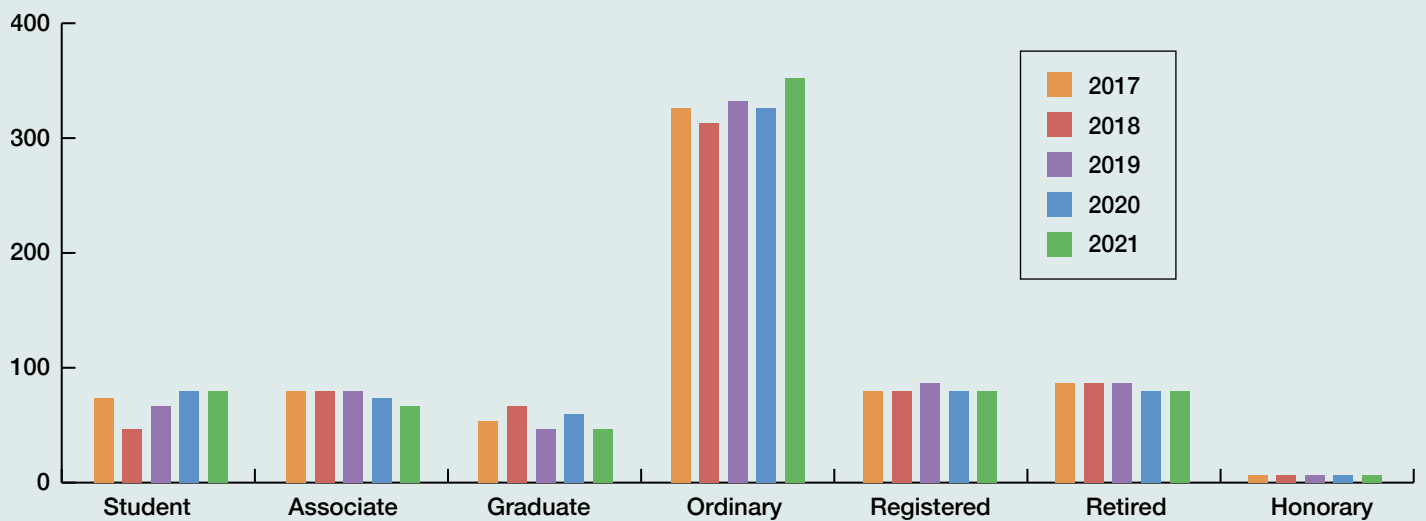
Membership class 2020



MEMBERSHIP NUMBERS & TRENDS (LAST 5 YEARS)

As at 31 March 2021

Category	2017	2018	2019	2020	2021	Change during year
Honorary	9	8	8	7	6	-1
Retired	97	94	99	92	92	0
Registered	87	89	93	90	85	-5
Ordinary	364	353	374	368	394	+26
Graduate	60	70	50	68	48	-20
Associate	87	86	86	82	75	-7
Student	78	50	73	85	86	1
Total	782	750	783	792	786	-6



SUBMISSIONS AND ADVOCACY

Submissions and Advocacy

NZIF submissions are made available to members via NZIF's website as and when they are prepared. Members are encouraged to read them as well as contribute views and ideas, including suggesting areas of public policy and discourse that NZIF could usefully contribute to.

NZIF continued to contribute actively this past year. As in previous years, our contributions have emphasised the professional expertise in all forms of forests and forestry embodied in the Institute's combined membership. Increased global and national awareness of the urgency of problems (such as climate change and biodiversity loss), and those where forests and forestry can offer solutions, has added particular relevance to the Institute's role as an independent

commentator and professional advocate on all things forestry.

A number of topical and/or controversial issues were tackled in submissions and through the direct representations by NZIF's President and Council. Of particular note are:

Log mongers (I forget the correct title)

Legislation was developed and passed toward the end of the term of the last Government that sought to provide a framework for the registration and regulation of (amongst other things) New Zealand's log export trade. The proposal was controversial, to say the least, as was NZIF's stance on it that if regulation of forest harvest and log export was to occur, it should be undertaken by those with the relevant qualifications and expertise working to clearly defined objectives and practices.

National Forest Policy (NFP)

NZIF has championed the need for an NFP to ensure the development of New Zealand's forests and forest management are undertaken in a consistent and cogent manner over time. The need for an NFP was, in our submission, of increased relevance given the political impetus provided to regional development and through the 'One Billion Trees' programme. Delays in the development and adoption of an NFP arose as a result of the Government's focus on responding to the COVID-19 pandemic.

ASNZS 4708 Sustainable Forestry Standard

NZIF made submissions on and maintained an active role in the review of ASNZS 4708, including through its nominated representative



being accepted by Standards NZ to participate in the Standards Review committee. A number of NZIF members have also participated in the Australasian assessment of the Standard against PEFC's revised meta-Standard and the generally understood good forest practices of Australian and New Zealand forestry professionals. The revised Standard is still in committee but will be subject to adoption through ballot shortly.

RMA

NZIF's limited resources have precluded comprehensive participation 'in its own name' in local government plan development. That said, NZIF members are actively involved in a number of such processes under their own auspices and those of their employing organisations.

NZIF has actively participated in nationally-applicable RMA-related matters with other forestry organisations on matters of direct relevance to the practice of forestry in New Zealand. This has included efforts to influence the outcomes of the National Policy Statement Biodiversity and National Environmental Standard Plantation Forestry. The ongoing objectives of such involvement include the need for evidence-led resource management and the effects-based equitable regulation of forestry relative to alternative uses of the same land.

Climate change, ETS and draft advice of the Commission

The climate-related benefits of forestry and forest products are internationally recognised. The translation of that benefit nationally continues to be fraught with much policy and regulation targeted to particular aspects and outcomes, sometimes in isolation of broader practical and economic considerations.

Submissions and Advocacy has endeavoured to ensure policy-makers understand the implications of intervention in the broader context, for example, the potential pitfalls of an overly binary approach (natives vs pine), highlighting the implications for invertebrate biodiversity, soil nutrient levels and the erosion potential of policy predicated on the value of 'waste' biomass for its bioenergy potential.

NZIF will continue to advocate strongly for a professional and scientific response to partisan advocacy, such as that practised by organisations like '50 Shades of Green'.

Murray Parrish and Kit Richards

Council representatives

Emily and Mandy Houston walking on the newly laid boardwalk (PGF Funding www.doc.govt.nz/our-work/taranaki-crossing/) between Pouakai Hut and Pouakai Tarn, Egmont National Park. Photo courtesy of Peter Houston



FOREST FIRE COMMITTEE

Commercial forestry and climate change are often cited as contributing to an increase in unwanted rural vegetation fires, but this is not supported when the facts are examined. A recent research paper looking at historic fire behaviour indices (fire rate of spread, drought levels and fuel available to burn) has found that indices were largely unchanged over the last four decades. What has changed, however, is the management of lands where unwanted fires have had an impact on communities and the landscape.

The build-up of fuel in the hill and high country landscape is becoming a concern for committee members. The 4,664 ha 9 November 2019 Deep Stream tussock grassland wildfire near Dunedin, the 3,100 ha 30 August 2020 Pukaki Downs wilding wildfire, and the 5,032 ha 4 October 2020 Lake Ohau community grass and scrub wildfire, are four recent examples where fuel loadings across this landscape have contributed to the extent of this loss. The lack of effective mitigation actions has given rise to an increased area of wilding spread, and fuel build-up in hill and high country lands retired from grazing and regular burning.

Many concerns also remain with elements of the Fire and Emergency NZ Act 2017 (e.g. full implementation of local advisory committees, fire plans, local risk profile framework, funding model, etc). Also, the \$200 million plus of additional annual spend by Fire and Emergency NZ (FENZ), after only just three years of the urban rural fire merger, remains a real concern. When the Government agreed to merge the urban/rural fire roles into one centralised entity in 2017, one objective was to provide future savings of \$47 million by year five of the merger. However, these savings appear to have fallen off the radar since the change in government in 2017.

FENZ continues to have a significant focus on response, with increases in capital spend on fire trucks and buildings from \$48 million in FY2016/17 to \$101.5 million in FY2019/20. Also disappointing to see is the large increase in total vegetation area burnt for the past three years of 19,538 ha compared with 8,808 ha for the three-year period prior to 2017 (Figure 1). Should climate change not be assigned blame for this increase?

FENZ has the necessary powers under the Fire and Emergency Act 2017 to provide leadership and coordination roles in the prevention and risk reduction functions in the management of fire in the forest and rural landscape, working alongside the forest and rural stakeholders. From recent advice provided to Parliament, FENZ has provided no clear evidence that they have a focused intent to provide the necessary leadership to implement an effective risk reduction programme in the management of fire in the forest and rural landscape, including the development of meaningful Key Performance Indicators (KPIs). The NZIF Forest Fire committee will continue to push for changes in this approach.

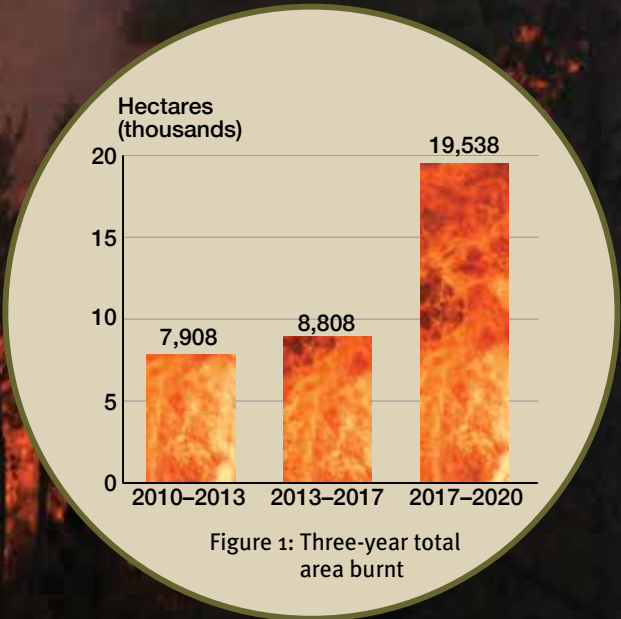
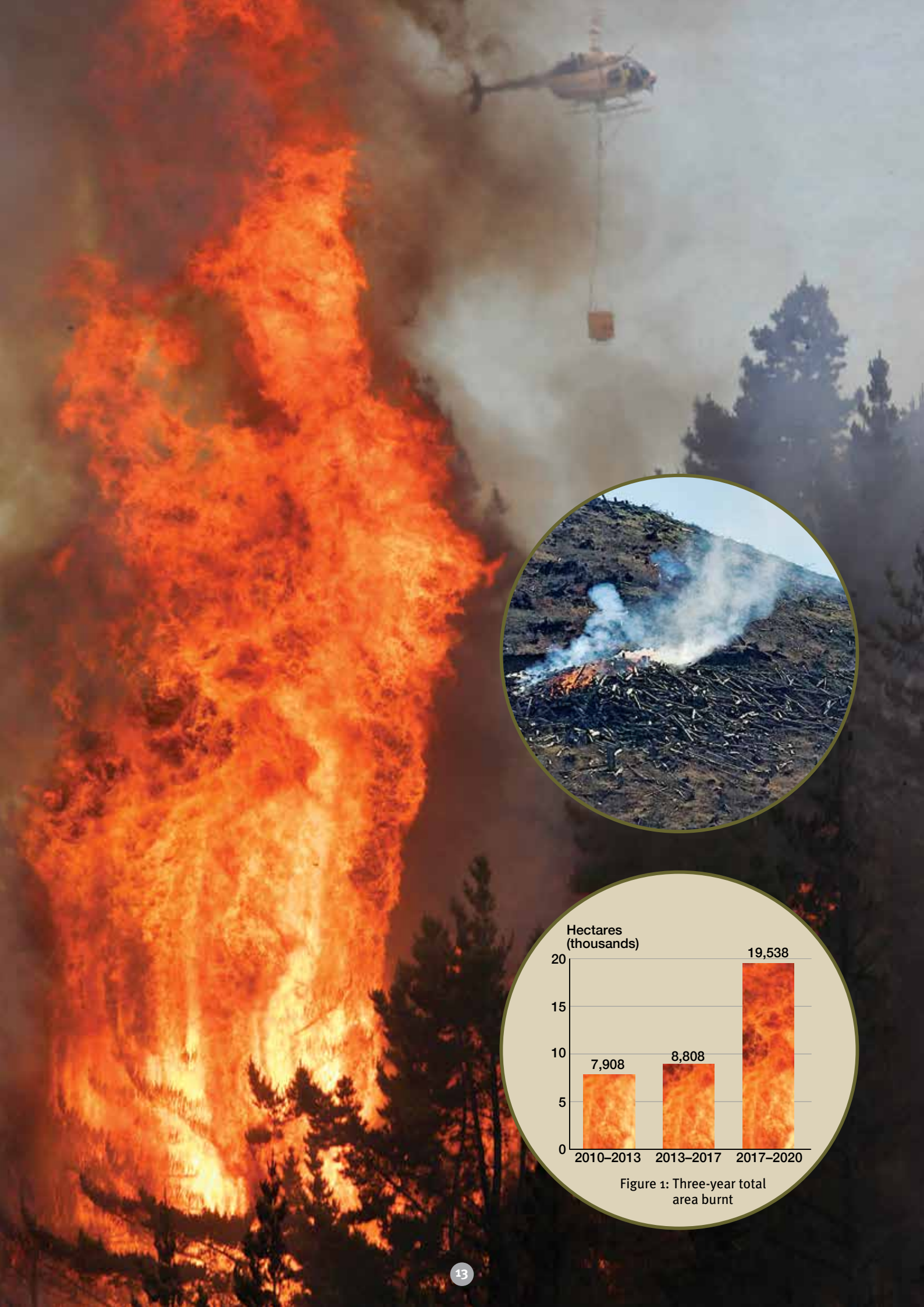
The Minister of Internal Affairs also announced in 2019 that the Government will review how FENZ is funded. The Minister released a discussion document on a number of FENZ funding model options in late 2019. NZIF lodged a submission with the Minister on this discussion document and we await the next steps in this process. We do, however, remain concerned that the forest industry could see a land-based targeted fire levy tax implemented by the Government to fund the annual FENZ operating costs. We will keep the NZIF membership informed once the Government decides on changes, if any, to the FENZ funding model.

Murray Dudfield

Chair, Forest Fire committee

Mount Cook fire which started on 16 January 2008. Photo courtesy of Marlborough Express

Inset photo (right): Burning skid – a prescribed burn at Twin Bridges Forest, Northern Area, Hancock Forest Management (NZ) Ltd. Photo courtesy of Peter Houston



LOCAL SECTION REPORT

Local Section FYE 31 March 2021 statistics: Active Sections: 7; Not Currently Active Sections: 2; Number of Local Section meetings: 6

On 23 March 2020 at 1:30pm the Prime Minister announced New Zealand would effectively 'lockdown' (COVID-19 Alert Level 4) at 11:59pm on 25 March 2020. A national state of emergency was subsequently declared at 12:21pm on Tuesday 25 March 2020 and was not lifted until 13 May 2020. These declarations and restrictions imposed meant Local Section meetings were cancelled and planning deferred.

On 8 June 2020, when COVID-19 Alert Level 1 was declared, Local Sections started to plan for new meeting dates and presenters. However, in early August, community transmission of the Coronavirus led to varying elevated COVID-19 alert levels and travel/meeting restrictions. Most COVID-19 policies meant a number of meetings planned for August had to be deferred or cancelled. The COVID-19 alert level status did not return to Level 1 across New Zealand until 7 October 2020.

The first Local Section meeting (post-COVID-19 restrictions) occurred on 26 November. A further five meetings were completed for the balance of the financial year.

Looking forward, Council has taken these steps to support Local Sections:

1. Seek to make Zoom available for Local Section meetings to go to a wider audience. The main delay for this is ensuring both Local Sections and presenters are comfortable with the presentation and a 'free and frank exchange in a safe environment' potentially ending up on the internet. As Local Section Council representative I will provide guidelines to assist Local Section committees about this and other related factors.
2. Doubling the 2022 budget to provide Local Section financial support to cover the costs of meetings. This includes:
 - room hire
 - refreshments
 - fair and reasonable cost to secure a presenter
 - travel and accommodation costs for a presenter when needed.

I invite Local Section committees to contact me when they need assistance to support their meetings.

Peter Houston

Local Section Council representative

Cattle grazing under *Eucalyptus regnans* at Wiltsdown (near Tokoroa). Photo courtesy of Scion

REGISTRATION BOARD

The role of the Registration Board is to administer the NZIF Registration Scheme. The number of registered members as at 31 March 2021 was 85.

Membership changes

During the year:

- four new registered members were approved by the Board
- one registered member changed their membership status to ordinary
- one registered member retired
- two registered members resigned
- nine registered members had their five-year reviews completed
- four registered members had their five-year reviews declined and moved to ordinary member status.

The Board formally met (virtually) three times 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 fourth 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 NZIF website.

The Board operates under its Procedures Manual, which was further updated in November 2020. It also ensures registered member compliance with the Continuing Professional Development (CPD) policy, which was materially updated in 2018, with further minor updates in June 2020. Both documents are on the NZIF website. In its professional quality assurance role, the Board has been focused on high standards of compliance for all registered members, in particular the adherence to the CPD policy. It is noted that one complaint against a registered member was received by the Council during the year. The Board has over the year provided four newsletters to registered 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
- Ellanese Mytton for agreeing to be co-opted to the Board for a second 12-month period from 24 February 2021.

Peter Casey
Councillor

Member	Position	Term began
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
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. 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



Mental health first aid course – Dunedin



Mental health first aid course – Nelson



Mental health first aid course – Rotorua

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 provided Mental Health First Aid training in 2020. FGLT training and careers funding was used to offer five courses throughout New Zealand that are free for NZIF members to attend. This training helped our members develop an understanding of mental health, mental distress and mental illness, and how it affects family/whānau and work colleagues. Gain a support process and the practical skills of the Look, Listen, Link framework to help someone who may need mental health support, and leave with tools to create a positive mental health environment in the workplace.

Other notable use of funding was to allow Future Foresters involvement on the Forestry and Wood Processing Workforce Council and Training and Careers committee. Also, Future Foresters ran a virtual Quiz Night during the COVID-19 lockdown. This provided an opportunity for members to connect on a social level during a time of separation for many.

Future Foresters 'Regional Leaders' have been 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.

Adrian Loo

Future Foresters



NZ JOURNAL OF FORESTRY

The *NZ Journal of Forestry* provides the NZIF and the wider industry with a forum for peer reviewed papers, professional papers and topical opinion pieces that become part of the permanent record of the forestry profession in New Zealand. 2020 has been another full year for the Journal, and our themes this year have focused on 'The right tree in the right place' and 'Remote sensing'. This variety of articles this year underlines the diversity of the Institute and demonstrates how the Journal fits into the forestry discourse in New Zealand.

The current and previous Councils have continued to evaluate how the Journal may benefit from developments in digital publishing. Unfortunately, Trevor Best has left the role of Editor and the decision has been taken to bring the Editor role into Council while determining the future direction of how the Journal content is delivered.

The quality of the Journal is the result of a talented and committed team. Trevor Best was our Editor through 2020 and I would like to formally thank him for his work and the energy he brought to the role. Helen Greatrex's role has grown to take on more of the Editor's functions, which I am extremely grateful for. Jenny Palmer takes care of design and Glenn Owens at the Printroom Kapiti prints the issues.

The Council also thanks the members who volunteer their time writing and reviewing papers and writing opinion pieces. For the four issues this past year there have been 62 acknowledged authors. This variety of articles and the diversity of the authors' backgrounds we have seen this year demonstrates the role the Journal plays in the forestry discourse in New Zealand.

Kent Chalmers

Treasurer, Councillor



NZ INSTITUTE OF FORESTRY FOUNDATION

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 2021, were James Treadwell, Andres Katz, Tim Payn and Andrew McEwen (Chair). David Evison, one of the original Trustees, stepped down with effect from 30 June 2020 and we thank him for his contributions over nearly nine years. The NZIF Council appointed Tim Payn as a new Trustee with effect from 1 August 2020. The remaining original Trustees, James Treadwell and Andrew McEwen, are required to resign during 2021 as they will have completed the maximum term of 10 years prescribed in the Deed of Trust. The Foundation has advised the Council of the need to appoint a minimum of one new Trustee to maintain the minimum required under the Trust Deed. The Council will also need to appoint a new Foundation Chair.

The Foundation made the following awards in June 2020 following the cancellation of the NZIF Conference due to the COVID-19 pandemic. Awards are usually announced at the conference dinner. Cancellation of the conference also meant no student poster competition for 2020:

- **Future Forest Scholarship:** One scholarship of \$10,000 went to Leslie Mann, a PhD student at the University of Canterbury School of Forestry, for her research looking at the tolerance of different Eucalyptus species to attack by paropsine leaf beetles. The beetles have recently moved into South Island plantations and are causing damage to the trees. This award was made possible by a 2017 donation of \$70,000 from the forest investment company New Forests.
- **NZ Redwood Company Scholarship:** Phoebe Milne, a Bachelor of Forestry Science student at the University of Canterbury School of Forestry, received the \$5,000 NZ Redwood Company Scholarship.
- **Jon Dey Memorial Awards:** This year two awards were made, each of \$2,000. Jacob Allum is a 4th year

Bachelor of Engineering (Hons) student looking at the amount of infrastructure needed when harvesting small-scale woodlots. Campbell Harvey is investigating the management of harvesting residues in steep-land plantation forests for his PhD at the School of Forestry. This is the last year that this award will be made as the funds put aside for it have now been exhausted.

- **Student Scholarships:** Katherine Yallop, a 3rd year Bachelor of Forestry Science student at the University of Canterbury School of Forestry, received the \$1,000 undergraduate award. Renee Reynolds, a 2nd year Forestry Management Diploma student at Toi Ohomai Institute of Technology in Rotorua, received the \$1,000 Mary Sutherland Scholarship.

Late 2020 saw the publication of the biography of Mary Sutherland, the first woman graduate with a forestry degree in the world and a founding member of the NZ Institute of Forestry. The Foundation supported the publication through a grant of \$14,000 sourced from the Stout Trust. The publication has been available through the publisher and some bookshops since late 2020, but efforts to arrange a function to celebrate this have been complicated, particularly with ongoing restrictions due to the COVID-19 pandemic. Efforts are ongoing to arrange something as soon as possible.

The Trustees were pleased to receive the following donations during the year:

- A further \$5,000 from the NZ Redwood Company to enable the Redwood Company scholarship to be offered for a fourth time.
- \$7,550 from just four NZIF members. While donations may well have been reduced because of the impact of COVID-19 on NZIF members' financial situations, it is still very disappointing that so few members support the charity established by their professional body to assist students and others who form the future forestry professionals in New Zealand. Why is this?

Andrew McEwen

Chair of the NZIF Foundation

Coastal redwood from Knapdale in Poverty Bay, 20-year-old stand. Photo courtesy of Kees Weytmans

NZIF FOREST VALUATION WORKING PARTY

Membership at start of 2021

Bruce Manley (Convenor)

Philip Elworthy

Erin Jeffrey

Bill Liley

Andre Neumann

Melissa Nicol

Nick Ping

Brian Rawley

David Skilton

Rudolf van Rensburg

Activities

The Working Party met six times during the year to 31 March 2021. The main activities have been:

- Released final versions of the Standards that have been reviewed:
 - 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.

- Commenced a review process of the remaining Standards. The target date for the completion of the Exposure Draft (subject to financial support) is 30 June 2021.
- Participated in the development of an Australian Forest Valuation Standard by the IFA based on the NZIF Forest Valuation Standards.
- Agreed to develop a joint Australia/New Zealand Forest Valuation Standard. The process will be:
 - Completion of the review of Forest Valuation Standards
 - Release of all Standards to NZIF members as an Exposure Draft
 - Preparation of Final Standards (in conjunction with the IFA).
- Discussed the possibility of ‘Southern Hemisphere’ Forest Valuation Standards with a South African valuation group, i.e. generic Valuation Standards with country-specific examples and some country-specific standards (taxation, land). The South Africans will make a submission when the full set of Exposure Drafts is released to NZIF members.
- Agreed on the need for a Carbon Standard to be developed (valuation of carbon under the ETS).

Bruce Manley

Convenor



AUDITOR'S LETTER

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INDEPENDENT ASSURANCE PRACTITIONER'S REVIEW REPORT

To the Members of New Zealand Institute of Forestry Te Putahi Ngaherehere o Aotearoa Incorporated

We have reviewed the financial statements of New Zealand Institute of Forestry Te Putahi Ngaherehere o Aotearoa Incorporated (NZIF) on pages 2 to 7 which comprise the statement of financial position as at 31 March 2021, the statement of financial performance and the statement of movements in equity for the year then ended, and a summary of significant accounting policies and other explanatory information.

Council's Responsibility for the Financial Statements

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

This report is made solely to NZIF's members, as a body. Our review work has been undertaken so that we might state those matters which we are required to state to them in an assurance practitioner's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than NZIF and NZIF's members, as a body, for our review work, for this report or for the opinions we have formed.

Assurance Practitioner's Responsibility

Our responsibility is to express a conclusion on the accompanying 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 performance report, taken as a whole, is 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 the 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 this performance report.

Other than in our capacity as assurance practitioner we have no relationship with, or interests in, NZIF.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the financial statements of NZIF does not present fairly, in all material respects:

- the financial position of NZIF as at 31 March 2021,
- the financial performance of NZIF for the year then ended;

in accordance with the Tax Administration (Financial Statement) Order 2014.

Emphasis of Matter – Special purpose financial reporting framework

We draw attention to Note 1 the financial statements, which describes the basis of accounting. The financial statements are prepared for management purposes in accordance with a special purpose financial reporting framework, the Tax Administration (Financial Statements) Order 2014. As a result, the financial statements may not be suitable for another purpose. Our conclusion is not modified in respect of this matter.

Baker Tilly Staples Rodway Audit Limited
Wellington, New Zealand

10 June 2021

Baker Tilly Staples Rodway Audit Limited, incorporating the audit practices of Christchurch, Hawkes Bay, Taranaki, Tauranga, Waikato and Wellington.

Baker Tilly Staples Rodway Audit Limited is a member of the global network of Baker Tilly International Limited, the members of which are separate and independent legal entities.

STATEMENT OF FINANCIAL PERFORMANCE

For the Year ended 31 March 2021

	Notes	2021 \$	2020 \$
Operating Revenue			
Annual Membership		174,986	158,975
Conference/CPD Workshop		7,600	202,503
Interest		7,999	12,059
Future Forester Grant		15,070	4,768
Journal of Forestry		8,706	6,873
Newsletter		500	4,350
Other Income		4,340	0
Publication		30	0
Total Revenue		219,231	389,527
Less Operating Expenses			
Accounting/Audit/Tax Fee		5,000	5,124
Conference/CPD Workshop		2,315	151,039
Council		11,731	19,267
Computers		1,766	4,895
Depreciation		5,250	3,500
Doubtful Debts		8,425	6,009
External Membership		500	2,000
Finance		6,607	5,787
General Administration		62,070	81,562
Journal of Forestry		53,794	54,188
Loss on Disposal		0	1,434
Membership		6,097	5,820
Registration Board		10,350	12,505
Promotion		5,031	8,367
Website		2,680	1,040
Other Projects			
Handbook Conversion		1,358	6,900
Revised Code of Ethics and Values		0	2,500
Future Foresters		18,835	4,768
Total Operating Expenses		201,808	376,703
Operating Surplus/(Deficit)		17,422	12,824
Less Tax	5	0	0
Net Surplus/(Deficit)		17,422	12,824

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

STATEMENT OF MOVEMENTS IN EQUITY

For the Year Ended 31 March 2021

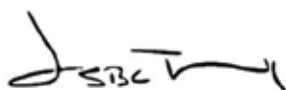
	Note	2021 \$	2020 \$
Equity Brought Forward		490,184	477,360
Net Surplus/(Deficit) for the year		17,422	12,824
Equity at 31 March 2020		507,606	490,184

STATEMENT OF FINANCIAL POSITION

For the Year Ended 31 March 2021

	Note	2021 \$	2020 \$
Current Assets			
Bank Current Account		79,347	43,925
Term Deposits		450,120	438,936
Accounts Receivable		8,478	31,349
Future Forester Grant		2,222	—
Provision for Taxation	5	—	—
Total Current Assets		540,166	514,209
Non-Current Assets			
Website	4	5,251	10,501
Trademark		7,170	7,170
Total Non-Current Assets		12,421	17,671
Total Assets		552,587	531,880
Current Liabilities			
Accounts Payable		10,178	16,931
Accrued Creditors		3,500	3,090
Conference 2021		14,739	—
Income in Advance		9,656	8,454
Forest Policy Working Group		—	4,340
Goods & Service Taxation		6,908	8,880
Total Current Liabilities		44,981	41,696
Net Assets		507,607	490,184
Equity			
Current Year		17,422	12,824
Retained Earnings		490,184	477,360
		507,607	490,184

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



President

4.06.2021

Date



Treasurer

4.06.2021

Date

NEW ZEALAND INSTITUTE OF FORESTRY (NZIF)

Notes to and forming part of the Special Purpose Financial Statements

For the year ended 31 March 2021

1. STATEMENT OF ACCOUNTING POLICIES

Entity Reporting

These Special Purpose Financial Statements are for the New Zealand Institute of Forestry (NZIF) Te Putahi Ngaherehere o Aotearoa Incorporated, a society founded in 1927 and incorporated under the Incorporated Societies Act 1908 on 19 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 an 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 and a CPD Workshop (the annual conference was cancelled due to COVID-19) is recognised in the year in which the fees relate.

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 Receivable are stated at expected realisable value, after allowing for any Doubtful Debts. Doubtful Debts are written off as at 31 March, once approved by 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 accruals 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

Membership fees paid in advance of the following year.

i. Changes in Accounting Policies

Outstanding membership fees for the current year will be treated as Doubtful Debts at year end.

j. Conference in Advance

The Conference in Advance relates to Sponsorship in Advance for the 2021 conference in Masterton.

2. INCOME STATEMENT

- a. Annual membership includes registration fee where applicable.
- b. CPD Workshop replaced the annual conference cancelled due to COVID-19.
- c. *Journal of Forestry* revenue decreased due to reduced orders from overseas organisations.
- d. Newsletter revenue decreased due to Forest for Sale advertisements.

3. EXPENDITURE STATEMENT

- a. CPD Workshop replaced the annual conference cancelled due to COVID-19.
- b. Future Forester expenses is from an historic unclaimed grant from FGLT.
- c. Depreciation and amortisation has increased due to the upgrade of the website and membership database.
- d. Doubtful Debts, members who have not paid 2020/21 membership fees.
- e. *Journal of Forestry* decreased due to the editor cost.
- f. Registration Board decreased due to less meetings held by Registration Board.
- g. Special project includes:

Handbook Conversion: Council has initiated an update of the NZIF Forestry Handbook. This update will include direct web access to the Handbook, updating of existing articles (including incorporation of media files such as videos), and the commissioning of new articles where technology or practice has changed significantly.

Website Development: upgrading the Registration module for online five-year Registration applications, plus allowing the Registration Board access to online information for their reviews.

- h. As the Forest Policy project has ended the unused funds of \$4,340 have been brought into the general funds.

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 2021	Website
Opening book value	10,500
Additions	0
Loss on disposals	0
Depreciation	5,250
Closing book value	5,250

Fixed Assets 2020	Website
Opening book value	1,435
Additions	14,000
Loss on disposals	1,435
Depreciation	3,500
Closing book value	10,500

5. TAXATION

	2021	2020
Interest & Dividends Received	7,999	12,059
Other Income	4,340	—
Assessable Non-Member Income/(Expenses)	126	(47,447)
Losses Brought Forward	(42,755)	(7,366)
Not-for-profit Exemption	—	—
Taxable Income	(30,290)	(42,755)
Tax @ 28%	—	—
Tax Provision	—	—
Opening Balance – Tax Payable	—	—
Income Tax Refunded	—	—
Tax Payable (Refund)	—	—

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.
- The President of NZIF is also a Trustee of the NZIF Foundation.

7. SUBSEQUENT EVENT DISCLOSURE

No identified events occurred after reporting to the Annual Accounts 2021.

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

