



New Zealand Freshwater Sciences Society  
**Ngā Kohinga Wai o Aotearoa**

**Minutes of the 58<sup>th</sup> NZFSS Annual General Meeting**  
**of the**  
**New Zealand Freshwater Sciences Society Incorporated**

Tuesday 2nd December 2025

The Annual General Meeting commenced at 12.30pm and was chaired by Joanne Clapcott, President.

Present: Joanne Clapcott (President) and 42 voting members.

1. *Karakia timatanga, Welcome & Apologies*

The meeting began with a karakia from Joanne Clapcott.

Noted apologies: Carolyn Burns, Natasha Grainger, Darling Otopah

2. *Minutes of the 57th AGM circulated*

Motion from the Chair: That the minutes be accepted as a true and correct record of the 57<sup>th</sup> AGM.

Proposed: Rich Allibone

Seconded: Justine Quinn

Result: carried

### 3. Matters Arising

Council of Australasian University Librarians – Raised by Angus McIntosh

- Negotiations between CAUL and the four major publishers have concluded for all major publishers except for Elsevier [edit 17/12/25 - note that an agreement has since been reached with Elsevier]
- Therefore, there will be no read and publish agreements with Elsevier for any Aus/NZ universities. Elsevier is relatively expensive, therefore need to assess value gained here.
- CAUL are viewing this as a disruptive action.
- Suggestion to carefully consider reviewer/editing efforts and where these are directed.

Recent risk classification of freshwater fish – Raised by Simon Stewart.

- Note that there have been multiple talks/posters speaking to this
- Recent risk classification of freshwater fish is concerning
- Could be timely to make a formal statement on behalf of the society
- Kati Doehring has volunteered to lead this

Society membership fees – Raised by Joanne Clapcott

- NZFSS currently has a very low subscription fee which currently doesn't cover our operating costs in full
- Unanimous support to raise fees to the proposed values to bring us more in line with comparable NZ societies:

	Professional	Retired/ Unwaged	Student	
<b>AWIS</b>	\$30	\$20	\$20	
<b>NZ Association of Scientists</b>	\$40	\$35	\$20	
<b>NZFSS</b>	\$55	\$15	\$15	*student free first year
<b>Marine Sciences Society</b>	\$69	\$23	\$23	
<b>Hydrological Society</b>	\$70	\$50	\$50	*\$15 more for overseas
<b>Ecology (incl journal access)</b>	\$80	\$45	\$45	*\$20 more for overseas
<b>Geography</b>	\$85	\$35	\$35	
<b>Geosciences Society (journal access)</b>	\$100	\$50	\$40	
<b>SCANZ</b>	\$158	\$53	\$53	
<b>Rivers Group (incl journal access)</b>	\$185	\$50	free	
<b>Proposed increase</b>	<b>\$75</b>	<b>\$25</b>	<b>\$25</b>	

#### 4. President's Report (Joanne Clapcott)

*Tēnā koutou katoa*

As we rapidly approach the end of another calendar year it is right that we reflect on all that we have achieved in 2025; remembering that 2025 is the 58<sup>th</sup> year we have come together as the New Zealand Freshwater Sciences Society | Nga Kohinga Wai o Aotearoa.

As our world changes around us, so we pivot, adapt and flourish. The beauty of a Society is that we have the flexibility to be responsive, which brings me to the many achievements from 2025 that demonstrate commitment to our shared values and mission.

Firstly, I would like to open the President's report with my sincere thanks to the **Executive Team** for the many volunteer hours they have contributed to the Society. This is not an election year and so all elected committee members will continue in 2026.

**Your Executive Committee in 2024 has been:**

<b>Position</b>	<b>Held by:</b>
<b><i>Elected:</i></b>	
<b>President</b>	Joanne Clapcott
<b>Past President</b>	Jenny Webster-Brown
<b>Vice President</b>	Richard Allibone
<b>Treasurer</b>	Justine Quinn
<b>Secretary</b>	Issie Barrett
<b>Newsletter Editor</b>	Megha Sethi
<b><i>Co-opted:</i></b>	
<b>Assistant Newsletter Editor</b>	Summer Greenfield
<b>Rōpū Māori</b>	Ian Kusabs, Siobhan Nuri, Kathryn Gale
<b>Student Representative/s</b>	Martha Jolly, Naomi Heller
<b>Website Manager</b>	Raymond Chang
<b>Community Outreach</b>	Shelly McMurtrie
<b>Advocacy/Submissions</b>	Jennifer Price
<b>Awards coordinator</b>	Katie Collins

Our activities this year (December 2024 to November 2025) have included:

- Three policy submissions and two online drop-in sessions to foster engagement in the science-policy interface

- *Proposed national wastewater environmental performance standards*
- *Proposed changes to national direction under the RMA, specifically Package 3: Freshwater*
- *Proposed changes to national direction under the RMA, specifically Package 1: Infrastructure and development and Package 2: Primary sector.*
- Surplus funds allocated to enable preparation of a policy evaluation report and associated webinar: Price, J. (2025). *Freshwater Policy Evaluation: Understanding the Barriers and Enablers of Effective Assessment. Report by Cobble Consulting for the New Zealand Freshwater Sciences Society | Ngā Kohinga Wai o Aotearoa.*
- Preparation and distribution of the 2025 “Fresh” newsletter
- Annual conference held in Rotorua, 19-22 November 2024 with 261 delegates in attendance
- Significant renewal of the constitution to align with the Incorporated Societies Act 2022 (to be voted on under General Business)
- Membership survey on student awards confirming value of retaining conference awards and strengthening travel awards when possible
- Awards assessment

Now it is time to celebrate our Society members and announce **Awards**.

**NZFSS Medal:** The NZFSS Awards Committee are pleased to announce Shelley McMurtrie as the recipient of the 2025 NZFSS medal.

Shelley is a freshwater ecologist and the founding Director and Principal Scientist of EOS Ecology, a company she established shortly after completing her MSc at the University of Canterbury in the mid-1990s.

There were numerous supportive statements and hard to choose one to share. But I think they are summarised by the following:

“Two of the things that been hallmarks of Shelley’s career to date are the exceptionally high quality of her science work and her highly engaging and effective communication of freshwater science to non-scientists.”

She was nominated for her:

- Leadership and Vision in Freshwater Science and Communication
- Pioneering Research in Remote Ecosystems
- Community and School Engagement for Inanga Conservation and Ecological Monitoring
- Strategic Input to Catchment and Urban Stream Management
- A Unique and Non-Academic Pathway to Excellence

Congratulations Shelley!

**ECR Award 2024:** The NZFSS Awards Committee are pleased to announce Dr Helen Warburton as the recipient of ECR Award in 2025.

Helen is a senior lecturer with no less than 33 peer-reviewed publications. The kind words from our nominees include:

“standout research leader and excellent freshwater ecologist”

and

“Helen exemplifies what this award seeks to recognise: not only excellence in research, but leadership that uplifts others and creates meaningful impact. Her technical expertise in freshwater ecology and quantitative analysis is outstanding, yet what truly sets her apart is her commitment to doing science differently, centring community, co-design, and kaupapa Māori principles in her work. In every interaction, Helen demonstrated integrity, empathy, and a genuine desire to ensure research benefits both ecosystems and people.”

A well-deserved recipient who no doubt had no idea about this, as she often puts others before herself. So, congratulations Helen! The Society looks forward to supporting you to attend and present at next year’s conference.

**Best student paper:** We received five excellent nominations for student paper. I must say, having the privilege to have read these papers, that they were in fact all excellent. However, the Awards Committee are pleased to commend Martha Jolly and colleagues for their paper on *Managing Isolation: Implementing In-Stream Barriers to Exclude Introduced Trout From Fragmented Native Freshwater Fish Refuges*.

Reviewers described this paper as having: an excellently framed conservation management question, robust field study combined with a systematic literature review, and very clear, actionable guidance for barrier design and trout exclusion. It scores consistently high across all criteria, particularly on sound design/analysis, strength of conclusions, and direct management relevance for native fish refuges.

And there is in fact a joint winner of the award this year. The Awards committee are also pleased to commend Christina McCabe and colleagues for their paper entitled *More Room for Rivers*. Reviewers considered this paper an outstanding conceptual review that synthesises geomorphology, ecology, and flood-risk management into a compelling, clearly illustrated argument for giving rivers more space. It stands out for theoretical depth, originality of framing, and highly effective figures, making complex ideas about resilience, connectivity, and nature-based solutions accessible to both scientists and practitioners.

**Masters scholarships:** Emily McClure has been awarded the NZFSS Scholarship in Freshwater Research. Emily is studying a Masters in Geography at the University of Otago. Under the supervision of Sarah Mager, her thesis research investigates the cost-effectiveness of management interventions to reduce nitrate-nitrogen contamination within the highly modified waterways of the Hekeao/Hinds Plains, Canterbury.

Josette Kahotea has been awarded the He Manawā-ā-Whenua scholarship, Josette is studying a Master of Science in Biodiversity and Ecology at the University of Waikato, supervised by Dr Francis Burdon. Her thesis focuses on the viability of a wetland at Lake Ōkāreka as a refuge for koaro under climate change.

Both scholarship recipients receive a \$7500 scholarship. We look forward to hearing about their respective research at next year’s conference.

Without stealing any thunder from the Treasurer's report, I would also like to acknowledge that the Society supported 5 students to attend last year's conference, and 6 students received travel grants to attend this year's conference. This is made possible from returns on our long-term investments as well as small surpluses from conferences over recent years.

Hopefully you have all now received a link to this year's newsletter – thanks to Megha Sethi and Summer Greenfield for pulling this together. The link is likely to be updated in the next week as we include a couple of reports that were missed and next year, we will attempt to get this distributed before the conference.

Before I finish, I just want to acknowledge some recent government announcements regarding regional councils and ongoing RMA reform. We value the essential contribution of regional councils and their staff to a wide range of functions contributing to freshwater science, regulation and management. We will be considering these proposals alongside the RMA reform bill expected soon, and welcome thoughts and contributions from members on the proposals to feed into future submissions

Finally, thank you all for supporting your society in 2025, and for turning out for the AGM. I wish you all a well-deserved, restful break and holiday this summer.

Ngā manaakitanga

*Joanne Clapcott*

NZFSS President

## 5. Treasurer's Report 2024-25 FY

Our total net assets on 30 June 2025 were **\$98,901**, including one Term Deposit (**\$67,139**). As of 29 November 2025, we have \$114,855.70 in assets. This is a reduction of **\$77,814** net assets compared to 30 June 2024.

Table 1: Revenue and Operating Expenses

	NOTES	2025	2024
<b>Revenue</b>			
Donations, fundraising and other similar revenue	1	-	9
Fees, subscriptions and other revenue from members	1	18,302	15,816
Interest, dividends and other investment revenue	1	8,829	8,936
Conference Revenue	1	15,556	21,816
Other revenue	1	-	159
<b>Total Revenue</b>		<b>42,686</b>	<b>46,736</b>
<b>Expenses</b>			
Grants and donations made	2	27,251	21,093
Conference Expenses	2	82,641	18,715
Other expenses	2	12,768	12,568
<b>Total Expenses</b>		<b>122,659</b>	<b>52,376</b>
<b>Surplus/(Deficit) for the Year</b>		<b>(79,973)</b>	<b>(5,640)</b>

**Total income** earned for the 2024-25 financial year was **\$42,686** and came primarily from conference income of \$15,570 (from the 2024 Rotorua Conference), subscription income (\$18,206), and interest earned from our term deposits and current accounts (\$8,829) (Table 1).

**Total operating expenses** for the 2024-25 financial year were **\$122,659**, including awards and scholarships (\$10,916), contestable fund (\$10,000), SIL Trust donations (\$6,335), conference expenses (\$82,641), and other expenses of \$12,768 which was consistent with the previous financial year. The main expenses in 'other' include consulting and accounting fees (\$7,810), website fees (\$2,419), and RSNZ membership fees (\$1,304) (Table 1).

The SIL Trust donation comprises two years' worth after payment was inadvertently missed in 2023/24.

Conference expenses were significantly higher than in previous years. Both the Rotorua 2024 and Christchurch 2025 conferences required deposits to be made during the 2024-25 financial year. The Rotorua Conference payments were reimbursed within the same period, however the Christchurch Conference payments have not yet been reimbursed. In order to maintain our contractual obligations with the Christchurch Conference venue, we closed one of our term deposits which affected our total net assets.

The Society made an operating **deficit** of **\$79,973** for the year ended 30 June 2025.

## **Surplus Funds Allocation**

Between 2020 and 2022, it was recognised that the NZFSS was in the fortunate position of having a surplus of funds, due to several prior conferences making an unexpected profit. A “Surplus Funding Allocation” (SFA) subcommittee was established to make recommendations to the Executive Committee on how some of these funds can be distributed in any given year. Recommendations are made within the context of the ‘Financial Strategy for Allocation of Surplus Funds: 2023 – 2028’, the aim of which is to:

*To manage and distribute operational/ongoing and surplus funds in a way that serves the constitutional aim and objectives of the NZFSS, and is consistent with the will of its membership, as recorded in AGM minutes.*

In the 2024-25 Financial Year, the first contestable allocation of surplus funds was carried out. A single project was funded being the “Freshwater Policy Evaluation: Understanding the Barriers and Enablers of Effective Assessment” report and associated webinar (*Price, J. (2025). Freshwater Policy Evaluation: Understanding the Barriers and Enablers of Effective Assessment. Report by Cobble Consulting for the New Zealand Freshwater Sciences Society | Ngā Kohinga Wai o Aotearoa.*)

The 2025-26 Financial Year proposals have recently been evaluated, and all applicants have been contacted with the outcome. This will be reported on in next year's Treasurers Report.

At the 2024 AGM, ideas and suggestions were sought from the membership for any topics/ideas for the funds to be spent on. The SFA and Executive welcome all ideas and feedback from the membership and encourage these to be sent at any time during the year to [info@freshwater.science.org.nz](mailto:info@freshwater.science.org.nz) with the subject line SFA Ideas/Feedback.

## **Membership**

As of 29 November 2025, we have 564 members, which is an increase of 57 since last year (Figure 1, Table 2).

We currently have 16 *Student (First Year Free)* members (at a cost of \$240 to the Society in lost membership fees) and *Executive members* do not pay subscriptions as a thank you for their service (11 members at a cost of no more than \$605 to the Society in lost membership fees). Of our waged members, 192 are registered as Corporate Members across 21 organisations.

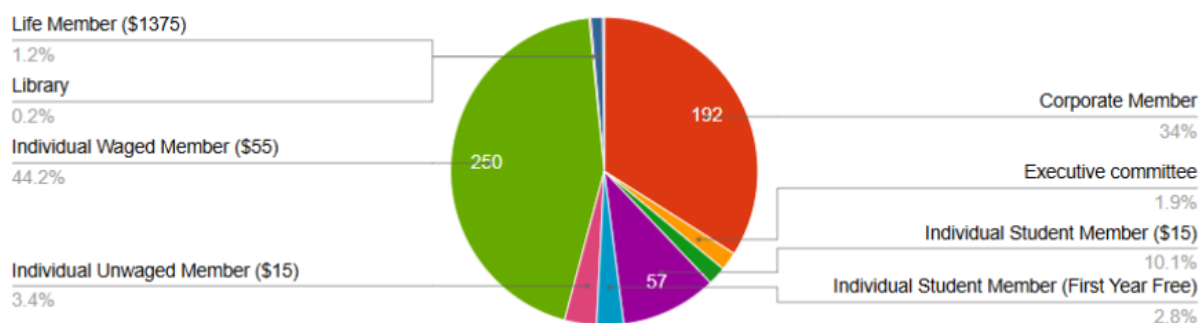


Figure 1: Breakdown of NZFSS members by membership type as of 29 November 2025

Table 2: Membership numbers by type over the past five years

Membership type	2025	2024	2023	2022	2021
Waged (incl Corporate)	442	407	428	397	429
Unwaged & students	92	68	151	126	127
Honorary	11	11	10	9	9
Life	7	6	6	5	4
Libraries & societies	1	1	1	1	1
Executive Members	11	14			
Total	564	507	596	538	570

There are currently 145 accounts past due (25.7%) (Figure 2). We continue to tidy up overdue memberships, which includes members who we have lost contact with, or those who may have moved away from freshwater science and have not resigned from the Society, or who are active in the Society but keep forgetting to pay their subs.

Our Membership Database (MembershipWorks) has a maximum number of members (600) and we do keep on top of memberships to ensure we do not surpass the 600 as there are substantial costs to upgrade to the next level of MembershipWorks.

This year we again actively advertised the Corporate Membership approach to invoicing. Despite early notification and active engagement, getting accurate lists of members and payments on time can be challenging.

\* The Corporate Member category allows organisations to request a single invoice for all members at the waged rate of \$55 per person. Please contact [info@freshwater.science.org.nz](mailto:info@freshwater.science.org.nz) if you are interested in setting this up for your organisation.

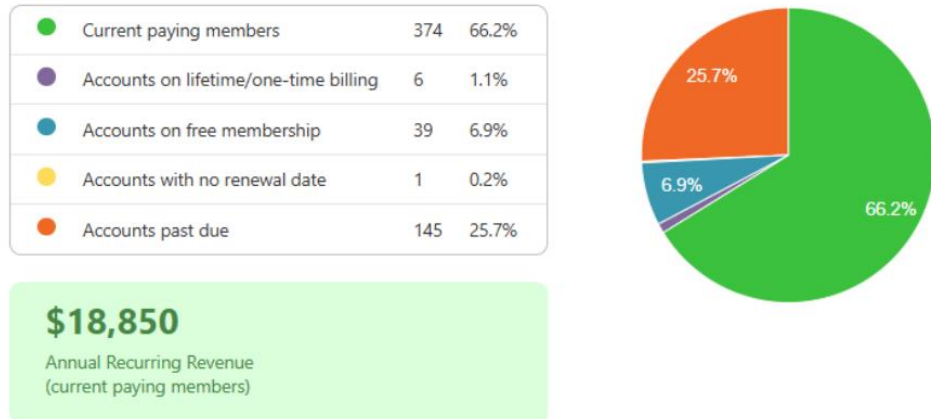


Figure 2: Financial status of members 29 November 2025.

If you are unsure of your membership status, please login to the NZFSS website and make sure to update your contact details while you are there. Please also check your spam folder for NZFSS emails and ensure the [info@freshwater.science.org.nz](mailto:info@freshwater.science.org.nz) is added to your Safe Sender list. If you know of members who have changed roles and may have lost touch, please pass on this message.

### Review of 2023/24 accounts

NZFSS have engaged an independent reviewer (Murray Audit) who undertook a review of the Society's 2023/24 accounts. The result of the 23/24 review is provided here.

#### Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying performance report does not present fairly, in all material respects the financial position of New Zealand Freshwater Sciences Society Incorporated as at 30 June 2024, and of its financial performance and cash flows for the year then ended in accordance with the Tier 3 (NFP) Standard.

The same organisation has been engaged to review our 2024-25 accounts.

Comments/questions:

- Comment that it is great to see the society spending money.

Motion from the Chair: That the Treasurer's report be accepted.

Proposed: Kate McArthur

Seconded: Neil Deans

Result: carried

## 6. SIL 1987 Trust Fund Report

### SIL87 Trust Treasurer's Report – December 1, 2025

#### Preamble:

1. This year, I took over as the treasurer of the SIL87 Trust from Kit Rutherford.
2. Access to the accounts was transferred to me in September.

#### Financials:

3. As of December 1, 2025, the SIL87 Trust's assets are as follows (unaudited):

SIL 87 Trust Assets as of 1 Dec 2025						
Account	Acct. Number	Amount (\$)	Ann. Interest (%)	Start	End	Comments
Operating account	02-0343-0048153-000	47,230.85	0			We should invest a significant proportion of this
<b>Term deposits</b>						
TD 01010	0009348153-01010	11,466.32	3.9	26/05/2025	26/05/2026	1-year TD
TD 01008	0009348153-01008	9,119.79	3.6	6/10/25	6/10/2027	2-year TD
Trust 00024	0009316362-00024	11,883.72	3.75	16/09/2025	16/09/2026	1-year TD
<b>Total</b>		<b>79,700.68</b>				
<b>Projection one year from now</b>		<b>80,922.00</b>				

4. The Trust has \$79,700 worth of assets, just under 60% of which is held as cash, which is not earning interest.
5. The balance of the funds is held in three term deposits, spanning 1-to-2 years until maturity.

#### Work programme:

6. In the coming year, the SIL87 Trust will aim to increase the value of its investments to improve interest recovery.
7. To help invest our assets optimally, the SIL87 Trust will discuss with the New Zealand Freshwater Sciences Society the NZFSS's projected funding needs so that the timing of our term deposits can be optimally aligned with the timing of the needs of the NZFSS for our funds.
8. The SIL87 Trust will also explore other avenues for investment, with a view to increasing the interest returned to the SIL87 Trust.



Marc Schallenberg, Treasurer of the SIL87 Trust

Motion from the Chair: That the SIL report be accepted.

Proposed: Neil Deans  
Seconded: Jenny Webster Brown  
Result: carried

## 7. Te Wai Māori - NZFSS Rōpū Māori Report

Whakakitenga/Vision: Successful participation of Māori in freshwater sciences, management and research where Māori principles, values and interests are identified and valued within the New Zealand Freshwater Sciences Society (NZFSS).

- Reps – Ian Kusabs, Siobhan Nuri & Kathryn Gale – 70 members
- Attended NZFSS executive hui
- Produced regular newsletters and numerous emails to rōpū members
- Awarded Te Manawā a whenua scholarship - Josette Kahotea
- Assisted conference organising
- Funding for 5 kaitiaki to attend the annual conference
- Social media profile via X (formerly Twitter > 800 followers)
- Continue to develop networks with indigenous researchers overseas
- Developing a database of Māori freshwater students - in progress
- Thanks to our kaiārahi Tredegar Hall (Tūwharetoa/Te Arawa) & Dr Joanne Clapcott for her continued support

## 8. General Business

### A. NZFSS constitution update to reregister the Society

The Incorporated Societies Act 2022 (the 2022 Act) and Incorporated Societies Regulations 2023 (the Regulations) came into force on 5 October 2023. Together, these put in place a modern legal, governance and accountability framework for incorporated societies and those who run them. NZFSS is required to reregister before April 2026 to comply with the new legislation. Before we can reregister, we need to prepare a constitution and review our operational processes and hold a general meeting to approve the decision to reregister and the new constitution.

A compliant constitution must contain prescribed text that clearly sets out officers' duties, financial reporting requirements and a requirement to have internal dispute resolution processes, among other things. **Appended** to these briefing notes is the proposed new constitution that has been prepared by the President, amended in response to feedback from Members, and recommended for approval by the Executive Committee. The new constitution now requires your vote.

**Motion for vote:** That Members accept the recommendation of the Executive Committee to ratify the new NZFSS constitution. (Yes/No)

Motion carried by unanimous vote.

### B. Changes to the Executive Committee co-opted positions

Available positions include: 1 x Student representative.

## C. Future conferences

Conferences are a core activity for NZFSS. Feedback over recent years has shaped our decisions to hold joint and NZFSS-only conferences and to ensure accessibility and inclusivity. Discussions are currently underway to confirm our 2026 conference venue, which will be a NZFSS-only conference hosted in the North Island. We hope to confirm a host at the 2025 AGM.

We have been approached by the Australian Freshwater Sciences Society (AFSS) about another joint conference in Brisbane on 1-4 August 2028 in partnership with The International Society of Limnology (SIL). We have also been in touch with both the New Zealand Marine Sciences Society (NZMSS) and the New Zealand Hydrological Society (NZHS) about potential joint conferences in 2027. Generally, we meet with AFSS every five years and the 2023 Freshwater Downunder Conference in Brisbane was an out of sync event. Similarly, we meet with other NZ Societies every 3-5 years. The last time we met with NZMSS was in 2022 in Auckland, and with NZHS in 2020 in Invercargill. NZMSS usually have a mid-year conference and NZHS an end-of-year conference. Planned future conferences are outlined below.

Year	NZFSS	NZHS	NZMS	AFSS
2025	Christchurch	Hamilton	Blenheim	Christchurch
2026	? North Island	Nelson	Invercargill	?
2027	? South Island	North Island	North Island (Auckland?)	?
2028	? Brisbane			Brisbane

We invite discussion of priorities for future conferences. Specifically, we would like to gauge interest in pursuing a national joint conference in 2027, and an international joint conference in 2028.

Discussion:

- Question as to whether this is a liability exercise on behalf of SIL/AFSS. Joanne assured the room that details would be clarified in an MOU.
- Some concern that attendance from NZ might be lower. Joanne confirmed that we will likely be able to offer society funding.
- Comments speaking to the value of joining this meeting and engaging with a more international audience coming to this part of the world.
- It would be helpful to confirm whether SIL offer funding to support student attendance.
- Note from the floor that those in government and non-academic organisations might find it very difficult to attend an international conference.
- Suggestion that we can still attend IF the conference comes and if we are not formally involved.

### Motion for vote.

1. Do Members support NZFSS co-hosting a joint conference with AFSS and SIL in Brisbane in 2028?  
89.7% Yes – 10.3% No

Those present agree to give the exec authority to decide based on confirmation of additional details.

2. Which option do Members support for the 2027 NZFSS conference?

- a) Explore options for a joint national conference with NZHS in late 2027 (Nov–Dec)
- b) Explore options for a joint national conference with NZMSS in mid-2027 (Jul–Sep)
- c) Do not pursue a joint conference; proceed with an NZFSS-only conference in 2027

Overwhelming support for option C considering this will be the 60<sup>th</sup> anniversary of NZFSS [post AGM correction – it will be the 60<sup>th</sup> AGM but 59<sup>th</sup> year of NZFSS in 2027].

Suggestion from the floor that in future we potential join with more varied disciplines (considering loss of funding particularly for social sciences). Joanne also noted we can consider including transdisciplinary sessions in future conferences.

#### **D. Nominations for Honorary NZFSS membership 2025**

It is recommended that any nominations for honorary membership could be received by the Executive Committee from Members at least two months prior to any General Meeting of the Society, to provide time for the Committee to consider these and make a recommendation to the General Meeting with adequate notice as required in the Society Rules.

One nomination has been received this year for Dr Cathy Kilroy.

“I think Cathy is very worthy for nomination, given her considerable and unwavering contribution to freshwater science for many years and specifically her contributions to our understanding of periphyton in NZ Rivers and for her body of work in responding to the invasion of Didymo.

“Cathy is an excellent science communicator and has collaborated widely with many practitioners across the spectrum of freshwater management in Aotearoa and internationally.”

**Motion for vote.** That Members accept the nomination for Honorary NZFSS membership. (Yes/No)

Passed by unanimous vote.

#### **E. Advances in New Zealand Freshwater Science Book**

It has been 9 years since the publication of *Advances in New Zealand Freshwater Science* (edited by Phillip G. Jellyman, Tim J.A. Davie, Charles P. Pearson and Jon S. Harding). There has been some interest expressed by HSNZ and NZFSS Members about a new volume, which would be accessible online. We invite discussion and expression of interest from potential lead editors.

Discussion:

- Potential to broaden the scope to freshwater resource management

#### [9. Karakia mutunga and Meeting close](#)

Meeting closed at 2pm with a karakia from Joanne.