

10.4. Late Paper - RPS Reference Group Membership

Prepared for: Council

Report No. P&S1857

Activity: Governance Report

Author: Lisa Hawkins, Team Leader RPS, Air and Coast; and Anita Dawe, Manager, Policy & Planning

Endorsed by: Gwyneth Elsum, General Manager Strategy, Policy and Science

Date: 24 June 2020

PURPOSE

- [1] To provide Councillors with the names of the successful candidates selected for the Reference Groups, formed to assist with the review and development of the Regional Policy Statement.

EXECUTIVE SUMMARY

- [2] The call for Expression of Interest for the RPS Reference Groups has been completed. The applications have been reviewed by the selection panel (Co-chairs of the Strategy and Policy Committee, the General Manager, Strategy, Policy and Science and the Manager, Consents System and Administration) and appointments have been made for the 11 reference groups. The decision of the selection panel has been implemented by staff, with all candidates informed and the first group (tranche 1) of reference groups underway.

RECOMMENDATION

That the Council:

- 1) **Notes** this report.

BACKGROUND

- [3] At the 22 April Council meeting, staff presented an updated work programme for the Regional Policy Statement (RPS) after having community consultation disrupted due to Covid-19.
- [4] Council agreed and adopted the programme that included calling for Expressions of Interest from people with relevant experience, expertise or technical knowledge, to sit on Reference Groups that covered the 11 domains or chapters contained in the Planning Standards.
- [5] The Reference Groups were selected by a panel comprising the co-chairs of the Strategy and Planning Committee, one staff member from the Executive Leadership Team and one Manager. The process for appointing was attached to the 22 April Council paper.

ISSUE

- [6] Councillors have asked to be informed of the composition of the Reference Groups selected to sit for the RPS. The selection panel met over two separate sessions to select

the Tranche 1 and then Tranche 2 participants, and all candidates have been advised of the outcomes. Consistent with the documentation provided to Council in April, groups were generally limited to around 10 in size, with some groups slightly larger for the more complex topics.

DISCUSSION

- [7] There was a great response to the Expression of Interest process, from an extremely high calibre, and diverse range of people, many of whom might not typically engage in regional council issues. From a total of 192 applications, 92 were selected to cover the range of topics.
- [8] The first three of the Tranche 1 Reference Group meetings have occurred (on Monday 22 June and Tuesday 23 June respectively), with two more scheduled for the same week. The Tranche 2 Reference Group meetings are scheduled for the week commencing 20 July.
- [9] The successful applicants are detailed in Appendix 1 to this report, along with a brief biography of their relevant experience, expertise, or technical knowledge, and some detail about their location. The appendix is organised by domain or topic for ease of reference.
- [10] Two topics – natural character and natural landscapes - were not well subscribed to. The selection panel agreed to combine the reference groups on these topics, and the Councillors on the selection panel volunteered to approach several appropriate people directly. Five candidates were subsequently appointed through this alternative approach.
- [11] It should be noted the representatives from TAs have been invited to sit on all reference groups and will attend most groups.
- [12] The requirements on the group members are to participate in the online reference group discussion. Members also then have the opportunity over the week following the reference group to provide written comments for staff to consider when drafting relevant provisions.
- [13] The Reference Groups are being chaired by an experienced mediator and facilitator, based in Nelson. While the Council outlined a preference for local facilitators, none were identified and/or available with the requisite skill set required.

CONSIDERATIONS

Policy Considerations

- [14] There are no relevant policy considerations from this paper.

Financial Considerations

- [15] There are no relevant financial considerations.

Significance and Engagement

- [16] While the overall RPS will trigger the significance criteria in the Significance and Engagement policy, this particular part of the process is not considered to meet the criteria. The full Schedule 1 process will be undertaken when the RPS is notified which will ensure the policy will be adhered to for the RPS.

Legislative Considerations

- [17] This process of appointing Reference Group members is not considered to have any particular legislative considerations.

Risk Considerations

- [18] There is a risk that releasing the names of people selected on the Reference Groups may generate questions in relation to why particular candidates were successful over others, however we anticipate that can be mitigated by directing questions to the Councillors on the Selection Panel, as required.

NEXT STEPS

- [19] The next steps are to conclude the Reference Group sessions and utilise the written reports to assist with finalising the drafting of the new RPS.
- [20] A summary of the RPS reference groups and a general update on the RPS programme will be presented to the Strategy and Policy Committee at its 9 September meeting.

ATTACHMENTS

1. Membership of RPS Reference Groups for Council paper [10.4.1 - 11 pages]

Membership of RPS Reference Groups

Tranche 1 – June 2020

Air RPS Reference Group	
Jeremy Baker Cosy Homes Charitable Trust	Jeremy is the Project Manager for the Cosy Homes Trust which works to make all homes in Otago warm and dry. He is a lawyer with previous experience as a housing advocate, in local government.
Brigid Buckley Fonterra Limited, Christchurch	Brigid is the National Policy and Planning Manager (Global Operations) at Fonterra. She has an interest in air quality discharges at the Fonterra Stirling site.
Scott Mossman Fulton Hogan, Dunedin	Scott is the Environmental Manager for the Dunedin region for Fulton Hogan. He has been involved with overseeing a number of Discharge to Air consents, including from mining and quarrying, as well as the production of asphalt and burning of waste oil for heating.
Ian Longley NIWA, Auckland	Ian is Principal Scientist for Air Quality at NIWA. He established the International Woodsmoke Researchers Network, bringing a group of global experts to Otago to plan a multi-year programme of research studies. Starting in 2018 his team trialled a revolutionary smoke sensor network in Alexandra, engaging with local schoolchildren to begin monitoring smoke in homes. In 2019 the project moved to Arrowtown where they installed the world's densest air quality monitoring network. From 2020 onwards they will remain in Otago and extend research to real-world trials of new clean heat solutions. He also works internationally on woodsmoke projects.
Bernard Farrington Oculus Architectural Engineering, Arrowtown	Bernard has over 20-years consultancy experience in engineering and project management across infrastructure, heavy industrial, commercial, and residential design and construction. He is also currently contracted to the Australian Government's Building Codes Board to study and re-write the National Construction Code in areas that affect air quality, energy consumption, occupant health, and asset life.
Dr Michael Butchard Public Health South, Southern DHB, Dunedin	Michael is a Public Health Physician who works in Public Health South within the Southern DHB and has responsibility for the Air Quality work programme there.
Danielle Smith Public Health South, Southern DHB, Dunedin	Danielle works in the housing space at Public Health South. Her role has expanded to include air quality and pollution quite extensively, particularly in Central Otago and the south, and she has facilitated multi-stakeholder hui for air quality. She has a particular interest in the importance of balancing the needs of the public/vulnerable to keep warm during winter with the greater public health need to reduce air pollution, particularly in the locations with inversion layers such as Central Otago.
Francisco Barraza University of Otago, Dunedin	Francisco is an Environmental Health and Climate Change Researcher with an interest in Air Pollution, Climate Change, and Public Health. He has also lectured in also been a Lecturer of environmental courses such as Climate Change, Air pollution, Climatology and Geo-Statistics.

Combined Natural Character and Natural Features and Landscape Reference Group	
Kim Reilly Federated Farmers of New Zealand, Dunedin	Kim is the South Island Regional Policy Manager for Federated Farmers. She is also the Federated Farmers national lead on RMA Reform and issues, Federated Farmers lead on Biodiversity, a member of the government working group 'Biodiversity Collaborative Group' that worked over 18mths on the Biodiversity NPS, and a member of Federated Farmers Water Policy Team.
Casey Cravens Wild Angler Ltd; Otago Anglers' Association; NZ Southern Rivers, Dunedin	Casey has worked as a fly fishing guide for 17 years, and on environmental issues, particularly land use, water quality, and sustainable tourism, for longer, including organising a national Freshwater Management Forum in Dunedin.
Fergus Sutherland	Fergus runs an accommodation and walks business in the Catlins with his wife Mary. They established the eco accommodation, Mohua Park, and implemented a range of eco initiatives.
Grahame Sydney	Grahame is a well-known NZ painter who lives in Naseby. Grahame spearheaded a campaign against a windfarm proposal in Central Otago.
Jillian Sullivan	Jillian is an author who lives in Central Otago and has walked the length of the Manuherekia Valley. She has a passion for natural building and currently lives in a strawbale house, surrounded by tussocks.
Mary Sutherland	Mary and her husband run walks and accommodation in the Catlins.

Neville Peat

Neville is a well-known author, focusing on the coast and islands. He is a former ORC Councillors and lives in Broad Bay.

Natural Hazards and Risks RPS Reference Group	
Daniel Druce Contact Energy Limited, Dunedin	Daniel is the Environmental Advisor for Contact Energy and is based at Clyde Dam which maintains three large dams on the Clutha River, and has experience in both Hazard and Risk Management, and interests in Climate Change, Hazard science and Engineering.
Abha Sood NIWA, Wellington	Abha is a Climate Scientist for NIWA and leads the regional climate modelling project there. Prior to joining NIWA in 2008 he managed an offshore wind energy modelling project at the University in Oldenburg, Germany and participated in wind projects across the European. He is also a member of the NZ Meteorological Society.
Bernard Farrington Oculus Architectural Engineering, Arrowtown	Bernard has over 20-years consultancy experience in engineering and project management across infrastructure, heavy industrial, commercial, and residential design and construction. He is also currently contracted to the Australian Government's Building Codes Board to study and re-write the National Construction Code in areas that affect air quality, energy consumption, occupant health, and asset life.
Tom Scott Southern DHB, Dunedin	Tom is the team leader of the healthy environments team at Southern DHB and have 20 plus years' experience as a public health practitioner. As part of my role I am on their sustainability governance group and am part of regional and national healthcare sustainability networks. Our interest is in ensuring a public health lens is available to support and inform decision-makers.
Jason Harvey-Wills rda consulting, Dunedin	Jason is CEO of environmental and engineering consultancy RDA Consulting. He has worked extensively across the public and private sectors in the environmental and engineering areas for the last 25 years, and is experienced in climate change (project director for Kiribati climate change remediation project), hazard Science, engineering, urban development and infrastructure provision.
Gary Bennetts Teviot Orchard Company Ltd, Roxburgh	Gary is a fruit grower, farmer, packer and exporter. He is Managing Director of Teviot Orchard Company Ltd, (100+yrs), Clutha Packing Centre Co Ltd, NZ Orchard Direct Co Ltd, Past Chairman and current Director of Summerfruit NZ. Member of the NZGAP Committee.
Stephen Knight-Lenihan University of Auckland, Auckland	Stephen is a senior University lecturer and member of the NZ Association for Impact Assessment and Environment Institute of Australia and New Zealand. He has 15-years' experience working as an environmental consultant in NZ, South Africa and Papua New Guinea and has published on oil spill contingency planning, resilience assessments, climate change and local government, and biodiversity management.
Francisco Barraza University of Otago, Dunedin	Francisco is an Environmental Health and Climate Change Researcher with an interest in Air Pollution, Climate Change, and Public Health. He has also lectured in also been a Lecturer of environmental courses such as Climate Change, Air pollution, Climatology and Geo-Statistics.
Christina Riesselman University of Otago, Depts. of Geology and Marine Science, Dunedin	Christina is a senior lecturer and researcher in the Otago Geology and Marine Science departments. Her core research in paleoclimatology and paleoceanography, with a strong focus on the climate and ocean response to intervals in the geologic past when CO2 and temperature were similar to the levels projected for the coming century and is particularly interested in the effects on the Dunedin area and South Dunedin in particular of sea level changes.
Nima Taghipouran WSP, Dunedin	Nima is a senior geotechnical engineer/team leader (CPEng) based in WSP in Dunedin. Nima has extensive experience and knowledge in geotechnical hazards assessment such as liquefaction, rockfall and slope instability, and a good understanding of Dunedin's geology and the geotechnical hazards relevant to the infrastructure in Otago.

Historical and Cultural Values RPS Reference Group	
Sue Patterson Arrowtown Promotion and Business Assn Inc, Arrowtown	Sue is the manager of the Arrowtown Promotion and Business Association which is interested in the history and environmental issues around Arrowtown. The association works with local and central government agencies in doing this.
Graye Shattky Central Otago Heritage Trust, Alexandra	Following a distinguished military career, Graye has a high profile as a community leader and change manager. He is passionate about heritage, legacy and preservation. He has been on the St Bathans Town Board, contributed to the establishment of, and was Chair, of the Central Otago Branch of the Historic Places Trust, and Secretary of the Central Otago Environment Society.
Ian Butcher Ian Butcher Architect Ltd, Oamaru	Ian is a NZ Registered Architect, has been in architecture practice for 40 years and now specialises in Heritage Architecture.
Jackie St John Oceana Gold (New Zealand) Limited, Dunedin	Jackie is Senior Legal Counsel (2IC) for the New Zealand operations of Oceana Gold at Macraes, Reefton and Waihi mines with 22 years experience in environmental law, policy and plan development. In her role she is responsible for the legal function, including particularly the permits, consents, authorities and access required for mines to operate.
Robin Miller Origin Consultants Ltd, Queenstown	Robin is the Director of Origin Consultants Ltd, a multi-disciplinary practice of heritage architects, building surveyors and archaeologists. He has over 30 years' professional experience in the built environment both in NZ and the UK; half of this in his specialism of heritage buildings and sites.
David Pirie Southern DHB, Dunedin	David holds a health promotion public policy role in public health with an emphasis on mental wellbeing and community resilience. He considers that public policymaking has much to gain from applying a health lens to its processes, and that cultural awareness is central to understanding health and wellbeing.
Karen Greig University of Otago, Dunedin	Dr Karen Greig is a Co-Director of Southern Pacific Archaeological Research, a research unit at the University of Otago. She has over 20-years' experience in the heritage sector, including working for Heritage New Zealand and as an archaeological consultant. Other expertise includes conservation plans and strategies, heritage inventories and guidance in the management of heritage places in settings such as reserves, farmland, forests, and the coastal environment.
Gerald Carter Waitaki Whitestone Geo Park, Halswell	Gerald has 35 years' experience as design director at Carter Smith Architecture and is owner and developer of multiple heritage properties. He has considerable experience designing and operating tourism facilities.

Urban Form and Development RPS Reference Group	
Scott Willis Blueskin Energy Ltd, Dunedin	Scott has served as the Manager of the Blueskin Resilient Communities Trust and General Manager of Blueskin Energy Limited. He is Chair of the Otago Chamber of Commerce's Energy Committee and Trustee on the Cosy Homes Trust. He has been involved in a range of local climate solutions, from leading the "Our City, Our Climate" workshops supported by the Deep South Science Challenge to engage city leaders and community stakeholders in climate change adaptation through to overseeing the construction of NZ's first climate safe house as a model for urban renewal, shelter for the vulnerable and affordable, adaptation quality housing.
Campbell McNeill Everyday Studio Ltd, Dunedin	Campbell has a background in Urbanism and Architecture, runs an architectural and urban design practice in Dunedin and is a member and director of design/research collective AHHA who pursue non-traditional approaches to space which have environment and people as a core focus. Further to his practice, he is a contract lecturer at the Otago Polytechnic Architecture School.
Claire Freeman Geography Department University of Otago, Dunedin	Claire is a Professor in Planning at Otago University and specialist in urban based research, including natural urban environments.
Sheila Watson Heritage New Zealand Pouhere Taonga, Christchurch	Sheila is the Regional Manager/Director Southern Region for Heritage New Zealand Pouhere Taonga. She has more than 30 years' experience in all aspects of resource planning, including seven years as an Environment Court Commissioner.
Andrew Shand Southern DHB, Dunedin	Andrew is a Public Health Officer (Health Protection Officer) and has working in the area of public health for 40 years. He has worked in the resource management area for Public Health South since the inception of the RMA and many of the submissions he's been involved in concern development and the impact on urban form as well as technical details concerning the infrastructure required to support development.
Garth Falconer Reset Urban Design, Wanaka	Garth is a practising urban designer with 30 years' experience working on spatial plans and districts plans. He is the author of <i>Living in Paradox An Urban Design History of NZ 2015</i> .
Anne Salmund Salmund Architecture Ltd, Wanaka	Anne is a registered Architect with 20 years' experience in Otago. She works across residential, rural, community, retail, hospitality and commercial areas, and has a particular interest and experience in sustainability and energy efficiency. She is a distinguished fellow of the NZIA and has held many community and governance roles.
Gordon Roy University of Otago, Dunedin	Gordon is a qualified Architect (UK) with 17 years' experience. He works for the University of Otago as their Strategy Architect and is involved in all aspects of the built environment in relation to the University Campus. His UK experience has given him a good grounding in built form and the urban realm, and his work at the University has provided him with a good understanding of the University and North Dunedin areas comprising everything from historic to post-modern.
James Berghan University of Otago, Dunedin	James is a Lecturer in Urban Design at the University of Otago. He has spent seven years specifically studying in the domain of urban planning, land development, urban design and elements of the built form and has recently completed his PhD on papakāinga housing and alternative housing development models. He is a Licensed Cadastral Surveyor.
Margaret Macleod Queenstown	Margaret is a Queenstown based Architect who is passionate about the landscape, preserving it and giving people access to it, and believes given the right transformational moves, Queenstown can become New Zealand's first alpine city, and that Councils need to work together to consider the whole of the region. She was a QLDC Councillor for 9 years (2001-2010), is member of the Queenstown Trails Trust, the Wakatipu Heritage trust and a Fellow of the New Zealand Institute of Architects.
Charlotte Flaherty Dunedin	Charlotte is a consultant engineer who has been involved in a range of transport projects, including examining urban form and the impact of the roading network on social capital, initiating the University of Otago BEATS research project - a multi-sector international research study that explores the relationships adolescents have with active transport and the built environment, and more recently contributing to the transport section of Engineering a Better New Zealand: Cleaner Energy, 2019, the second in ENZ's thought leadership series.

Tranche 2 – July 2020

Coastal Environment RPS Reference Group	
Bronwyn Bain Wanaka	Bronwyn has a passion for preserving and growing the biodiversity at her doorstep. She has spent the last 6 years actively undertaking conservation work, protecting the Nuggets area from pollution, poaching, protecting wildlife, mammals and birdlife.
Hendrik Schultz Department of Conservation, Dunedin	Hendrik is a Marine Technical Advisor with the Department of Conservation and has responsibility for coordinating the yellow-eyed penguin/hoiho recovery program for. He is also part of a team in DOC that is providing comments on the current review of the Southland Coastal Plan review to Environmental Southland.
Simon Davies Federated Farmers of New Zealand, Milton	Simon is the current President of Otago Federated Farmers and Clutha Development Trust Board Member. Prior to this he held senior management roles in the seafood industry. He is managing director of a sheep and beef farm.
Chanel Skye Ngatokorua Gardner Harbour Fish, Dunedin	Chanel comes from a legal background and is currently consulting for Harbour Fish in the national engagement with Government on behalf of the company and other fishers. She is also a Director on the board of Southern Inshore Fisheries which work alongside Ministry of Primary Industry to develop/critique policy.
Mike Beentjes National Institute of Water and Atmospheric Research Ltd (NIWA), Dunedin	Mike is Principal Scientist with NIWA in Dunedin. His main area of research is monitoring and quantitative stock assessment of finfish and shellfish fisheries, including freshwater and inshore marine environments. In terms of the Otago region, he has carried out resource surveys and sustainability research on blue cod, cockles in Otago Harbour, east coast South Island inshore fisheries, freshwater eels, and mussels.
Elisabeth Slooten Otago University, Dunedin	Liz is a University Professor in Zoology, working in marine ecosystems, including studying the effects of human activities on marine mammals, fishing, pollution, tourism and marine mining. She has 35 years of research experience, and in educating students and the public about marine science and management.
Rebecca McGrouther Port Otago Limited, Dunedin	Rebecca works as the Environmental and Consenting Manager for Port Otago, managing dredging, consenting and environmental management in the coastal space and working with consultants & working groups on the marine/coastal environment.
Carol Scott Southern Inshore Fisheries Management Co Ltd, Nelson	Carol is the Chief Executive of Southern Inshore Fisheries Management Co and has extensive experience with fisheries management, marine protected areas, commercial fishing practices
Wayne Stephenson University of Otago, Dunedin	Wayne Stephenson is a Geographer and Associate Professor at the University of Otago, with research and teaching interests in coastal management, geomorphology and hazards. He has 25 years' research, teaching and consultancy experience. He received a Marsden Fund grant to study the coastal impacts of the Kaikōura 2016 earthquake. He currently sits on the Port Otago Next Generation Dredging Technical Advisory Group.
Trudi Webster Yellow-eyed Penguin Trust, Dunedin	Trudy is a marine scientist who is passionate about the coastal environment and Otago's biodiversity. She currently works as the science advisor to the Yellow-eyed Penguin Trust. She has held past roles with the Department of Conservation, the University of Otago, Otago Peninsula Biodiversity Group and Otago Museum. She sits on the Hoiho Technical Group and the Fisheries Information Group, working with Iwi, local groups, local and central government.

Ecosystems and Indigenous Biodiversity RPS Reference Group	
Matthew Sole Alexandra	Matthew is a self-employed Archaeologist engaged in archaeological consultancy and statutory land management contract work. He has undertaken archaeological survey and assessments for Queenstown Lakes District Council, Central Otago District Council, Department of Conservation, various forestry companies; Queenstown Trails Trust/ Mahu Whenua Covenant, private property developments, and Clutha Gold Trail land access negotiations. He was previously Programme Manager Heritage Recreation & Community Relations DOC and before this, an Agricultural & Horticultural Field Officer with MAF.
Neil Cullen Waihola	Neil is a farmer and forester at Lovell's Flat and Catlins. His family owns property in Glenomaru Valley where they farm sheep and cattle, and manage exotic and indigenous forests. The farm boundaries a DOC reserve. He has a keen interest in indigenous ecosystems and how they can be enhanced and protected. He has observed the emergence of the conservation movement and how rural community has evolved from development phase to regenerative systems where impact on natural ecology is minimised.
Richard Bowman Lake Hayes	Richard has had a lifelong interest in the natural world and extensive involvement in biodiversity protection and enhancement working both with, and within, community-based groups. He is the retired Biosecurity Manager for Environment Southland and prior to that was an exploration geologist in South Africa, NZ and Australia.
Michael Thorsen Ahika Consulting Ltd, Dunedin	Michael is the Director Biodiversity for Ahika Consulting Ltd. He has over 30 years' experience managing biodiversity and ecosystems both in NZ and overseas, developing current biodiversity management approaches into a sustainable management and transforming business perspective and integrating biodiversity management as a cohesive and effective component of land management practices, and working with NGO's, local government, government agencies, community groups and commercial clients.
Janice Lord Botany Department, University of Otago, Dunedin	Janice is an Associate Professor in the Botany Dept, University of Otago. Her background is in NZ plant ecology, particularly reforestation, impact of pests and weeds, alpine ecology, ecosystem services especially beneficial insects. She currently leads the MPI 1 Billion Trees partnership programme, and has previously led work on rare plant and lichen ecology, climate change in alpine ecosystems, native insects including moths and bees, and greenroof biodiversity.
Bruce McKinlay Department of Conservation, Dunedin	Bruce works as a Technical Advisor Ecology for the Department of Conservation where he is engaged in invertebrate conservation, migratory waterbird and ecological assessment processes. He has extensive experience in ecosystems and indigenous biodiversity throughout Otago. He works in the context of Treaty of Waitangi processes and perspectives and uses partnership approaches with treaty partners to advance biodiversity conservation with iwi partners.
Kim Reilly Federated Farmers of New Zealand, Dunedin	Kim is the South Island Regional Policy Manager for Federated Farmers. She is also the Federated Farmers national lead on RMA Reform and issues, Federated Farmers lead on Biodiversity, a member of the government working group 'Biodiversity Collaborative Group' that worked over 18mths on the Biodiversity NPS, and a member of Federated Farmers Water Policy Team.
Sue Maturin Forest and Bird, Dunedin	Sue is Forest and Bird's Otago Southland Regional Manager and has more than 30 years' experience and involvement in resource management policy and planning and resource consents through being involved in working parties, submissions, hearings and environment court mediations and cases for freshwater, rural lands, coastal and indigenous biodiversity. She comes from a farming background and maintains her rural links.
Don Robertson Chair Guardians of Lake Wanaka, member Guardians of Lake Hawea, Trustee Upper Clutha Lakes Trust, Lake Hawea, Wanaka	Don has a 40-year background in marine fisheries science and management, marine ecology, biodiversity and biosecurity. He has held senior central government positions at the Ministry of Agriculture & Fisheries and NIWA, served on a range of NZ Royal Society Committees relating to marine science and Antarctic science, and was a member of the NZ delegation for the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) for 15 years.
Niall Watson Otago Fish and Game Council, Dunedin	Niall has over 30 years' experience working in freshwater fisheries management in Otago. Recently retired, he continues to work for Otago Fish and Game Council on specific projects.

Nancy Latham Wanaka	Nancy comes from a sheep and beef farming background in the Catlins. She was Economic Services Manager for the Northern Half of the South Island for Beef+Lamb NZ and through that role has gained an in-depth understanding and appreciation of farming systems and the interconnections with the natural environment.
-------------------------------	---

Energy, Infrastructure and Transport RPS Reference Group	
Scott Willis Blueskin Energy Ltd, Dunedin	Scott has served as the Manager of the Blueskin Resilient Communities Trust and General Manager of Blueskin Energy Limited. He is Chair of the Otago Chamber of Commerce's Energy Committee and Trustee on the Cosy Homes Trust. He has been involved in a range of local climate solutions, from leading the "Our City, Our Climate" workshops supported by the Deep South Science Challenge to engage city leaders and community stakeholders in climate change adaptation through to overseeing the construction of NZ's first climate safe house as a model for urban renewal, shelter for the vulnerable and affordable, adaptation quality housing.
Peter Dowden Bus Users Support Group Ōtepoti-Dunedin	Peter is a Dunedin journalist, part time bus driver, public transport lobbyist, urban design enthusiast, and bus preservation hobbyist. He was Co-President of Bus Users Support Group Ōtepoti-Dunedin and founding member of Otago Heritage Bus Society, journalist
Daniel Druce Contact Energy Limited, Dunedin	Daniel is the Environmental Advisor for Contact Energy and is based at Clyde Dam which maintains three large dams on the Clutha River, and has experience in both Hazard and Risk Management, and interests in Climate Change, Hazard science and Engineering.
Brigid Buckley Fonterra Limited, Christchurch	Brigid is the National Policy and Planning Manager (Global Operations) at Fonterra. She has an interest in air quality discharges at the Fonterra Stirling site.
Scott Mossman Fulton Hogan, Dunedin	Scott is the Environmental Manager for the Dunedin region for Fulton Hogan. He has been involved with overseeing a number of Discharge to Air consents, including from mining and quarrying, as well as the production of asphalt and burning of waste oil for heating.
Alison Paul Oceana Gold (New Zealand) Limited, Dunedin	A solicitor for 28 years, Alison is General Manager for Corporate and Legal Affairs in NZ for Oceana Gold. She has been involved in freshwater (proposed NES and NPS), indigenous biodiversity (proposed 10-year national strategy and NPS), climate change policy (Zero Carbon Act and changes to ETS), Crown-owned minerals (Minerals Strategy and review of Crown Minerals Act), land use policy (Macraes mineral zone, co-existing land uses and Common Ground Study at Macraes), and workplace health and safety (post Pike River regulation of safety in mines and tunnels).
Rebecca McGruther Port Otago Limited, Dunedin	Rebecca works as the Environmental and Consenting Manager for Port Otago, managing dredging, consenting and environmental management in the coastal space and working with consultants & working groups on marine/coastal environment.
Tom Scott Southern DHB, Dunedin	Tom is the team leader of the healthy environments team at Southern DHB and have 20 plus years' experience as a public health practitioner. As part of his role, he is on their sustainability governance group and is part of regional and national healthcare sustainability networks. Their interest is in ensuring a public health lens is available to support and inform decision-makers.
Susan Krumdieck University of Canterbury and Transition HQ, Christchurch	Professor Susan Krumdieck has taught energy systems engineering for the past 20 years. Her experience in New Zealand is in carrying out ground-breaking research to build integrated modelling and surveying techniques and models for urban form, land use, activity systems, transport and freight and goods movements. The 2010 commissioned study, "Dunedin Peak Oil Vulnerability Study" was an important demonstration of this integrated work which includes long-term perspectives.
Charlotte Flaherty Dunedin	Charlotte is a consultant engineer who has been involved in a range of transport projects, including examining urban form and the impact of the roading network on social capital, initiating the University of Otago BEATS research project - a multi-sector international research study that explores the relationships adolescents have with active transport and the built environment, and more recently contributing to the transport section of Engineering a Better New Zealand: Cleaner Energy, 2019, the second in ENZ's thought leadership series.

Integrated Management RPS Reference Group	
Hilary Lennox Ahika Consulting, Cromwell	Hilary is a Senior Environmental Consultant for Ahika Consulting and is based in Cromwell. She is experienced in managing consent applications, project management, integrated landscape planning and management, land management, water quality, and policy interpretations for clients. She has mostly worked across Otago and Southland. She is also a qualified RMA Commissioner.
Ken Gimblett Boffa Miskell, Christchurch	Ken is Partner and Managing Principal for the South Island Offices of environmental consultancy Boffa Miskell. Prior to that he worked as a planner and resource management specialist in local government in NZ and overseas, and has extensive experience in statutory and environmental planning, policy development and analysis, plan preparation and administration, and public consultation. Ken is an accredited RMA decision-maker (Commissioner) and has contributed to the training and development of practicing RMA decision makers, including elected members, technical experts and administrative staff across all regions of the South Island. In 2019 he received the New Zealand Planning Institutes National Distinguished Service Award.
Janet Stephenson Centre for Sustainability, University of Otago, Dunedin	Janet is Associate Professor and Director of the Centre for Sustainability, University of Otago. She is a social scientist with expertise in climate adaptation, energy systems and transitions to a low-carbon future, transport and mobility cultures, cultural values in landscapes and ecosystem-based marine management.
Murray Brass Department of Conservation, Dunedin	Murray has over 20 years' experience in planning and resource management including senior regional and district roles in both consenting and plan development and is currently an RMA Planner for DOC based in Dunedin
Jenny Grimmett Down to Earth Planning Ltd, Ida Valley	Jenny is the owner and Director of Down to Earth Planning Ltd, a planning and resource management consultancy. She has worked for local and regional authorities and private developers over the past 29 years on a wide range of projects around New Zealand with environmental issues to be addressed and has recently moved to Central Otago on a permanent basis.
David Cooper Federated Farmers of New Zealand, Dunedin	David is Principal Advisor for Federated Farmers of NZ. He leads portfolios on Strategy and Water and is 2 nd in charge at Federated Farmers on matters relating to RMA Reform. He also has previous planning consultancy experience.
Kate Scott Landpro Ltd, Central Otago	Kate owns a successful consultancy business, and is a resource management planner with over 17 years planning and policy experience at both district and regional level. Her experience traverses both urban and rural, land and water.
Niall Watson Otago Fish and Game Council, Dunedin	Niall has over 30 years' experience working in freshwater fisheries management in Otago. Recently retired he continues to work for Otago Fish and Game Council on specific projects.
Nigel Paragreen The Otago Fish and Game Council, Dunedin	Nigel is the Environmental Officer for the Otago Fish and Game Council advising on planning matters. The bulk of this work focuses on the Resource Management Act 1991 - representing Fish and Game in planning processes by making submissions, attending hearings or providing input through collaborative processes such as the Manuherekia Reference Group.
Kevin Wood University of Otago, Dunedin	Kevin is the Strategic Resource Planner at the University of Otago with extensive experience in both planning and resource management. Prior to that he was the Environmental Manager at Ballance Agri-nutrients and before that worked in the energy sector.

Land and Freshwater RPS Reference Group	
Ken Gillespie Chair Hawkdun/Idaburn Irrigation Co.Chair Otago Water Resource Users Group. Member of Manuherikia Reference Group, Ida Valley Omakau	Ken has a 45-year involvement with sharing and supplying water through their irrigation scheme and have been through the process of sale and purchase of the scheme from Govt. He has been working with Checketts McKay in Alexandra on the current water plan and RPS.
Hanna Stalker DairyNZ, Hampden	Hanna is an Environmental Change Specialist for DairyNZ responsible for understanding and inputting into both regional and national policy relating to dairy farming and educating farmers in environmental good practice. She has over 10-years hands on experience across dairy, sheep and beef operations.
David Cooper Federated Farmers of New Zealand, Dunedin	David is Principal Advisor for Federated Farmers of NZ. He leads portfolios on Strategy and Water and is 2 nd in charge at Federated Farmers on matters relating to RMA Reform. He also has previous planning consultancy experience.
Sue Maturin Forest and Bird, Dunedin	Sue is Forest and Bird's Otago Southland Regional Manager and has more than 30 years' experience and involvement in resource management policy and planning and resource consents through being involved in working parties, submissions, hearings and environment court mediations and cases for freshwater, rural lands, coastal and indigenous biodiversity. She comes from a farming background and maintains her rural links.
Don Robertson Chair Guardians of Lake Wanaka, member Guardians of Lake Hawea, Trustee Upper Clutha Lakes Trust, Lake Hawea, Wanaka	Don has a 40-year background in marine fisheries science and management, marine ecology, biodiversity and biosecurity. He has held senior central government positions at the Ministry of Agriculture & Fisheries and NIWA, served on a range of NZ Royal Society Committees relating to marine science and Antarctic science, and was a member of the NZ delegation for the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) for 15 years.
Kate Scott Landpro Ltd, Central Otago	Kate owns a successful consultancy business and is a resource management planner with over 17 years planning and policy experience at both district and regional level. Her experience traverses both urban and rural, land and water.
Roddy Henderson NIWA, Christchurch	Roddy has over 40 years' experience of NZ hydrology including research into national mapping of hydrology statistics and involvement as a consultant in many of the significant resource management cases of the last 30 years. He has a strong working knowledge of the hydrology of the Otago region. He has also been engaged by Ngai Tahu to provide hydrology advice.
Helen Trotter Otago Fish and Game Council, Dunedin	Helen is a Fish and Game Officer for the Otago Fish and Game Council. She is an environmental scientist with more than 10-years' experience working in the areas of fisheries and freshwater ecology. She is currently studying food web interactions and algal blooms in eutrophic lakes (Lake Hayes and Lake Johnson). She comes from a Taranaki dairy farming background.
Lloyd McCall Pomahaka Water care Group, Otago South River care, Queenstown	Lloyd is a farmer and rural professional. He is an ex-sheep farmer, banker, rural accountant, dairy farmer and more recently water care catchment group facilitator.
Rosemarie Nelson Southern DHB, Dunedin	Rosemarie has worked in public health for over 20 years, the last 10 years specialising as a Drinking Water Assessor. She is well versed in details relevant to the water supplies catchment, intake, treatment, distribution, water quality and quantity.
Gill Naylor Rural Women New Zealand, Alexandra	Alongside her husband, Gill farmed at Becks in the Manuherikia Valley for close to 40 years. She is currently the national convenor for the Environment and Land Use portfolio for Rural Women New Zealand, which has the guiding policy of environmentally and financially sustainable land use and the overarching aim of strengthening rural communities.
Gary Bennetts Teviot Orchard Company Ltd, Roxburgh	Gary is a fruit grower, farmer, packer and exporter. He is Managing Director of Teviot Orchard Company Ltd, (100+yrs), Clutha Packing Centre Co Ltd, NZ Orchard Direct Co Ltd, Past Chairman and current Director of Summerfruit NZ. Member of the NZGAP Committee.

<p>Dr Marc Schallenberg University of Otago, Dunedin</p>	<p>Dr Marc Schallenberg is a freshwater scientist based at the University of Otago with 26 years' experience researching the health of New Zealand's lakes and estuaries as well as advising regional councils and central government on freshwater science, management and policy. His areas of expertise are eutrophication (land use), climate change, invasive species effects, palaeo-ecology and reconstructing environmental histories, decision support systems for environmental management, science communication. He has ongoing professional collaborations with many freshwater scientists and managers throughout NZ and also in China, Switzerland, Australia, Austria and Canada</p>
<p>Geoff Crutchley Upper Taieri Catchment Group, Puketoi</p>	<p>Geoff is a farmer in the Maniototo, the Chair of the Upper Taieri Catchment Group, the Past Chair of the Taieri Trust and involved with the Maniototo Irrigation company.</p>
<p>Dugald MacTavish Wise Response Society Inc, Palmerston</p>	<p>Dugald MacTavish is secretary of the Wise Response Society and a recently retired water resources engineering consultant with extensive local and international experience in irrigation and drainage design, groundwater yield determination and contaminant monitoring, and sustainable freshwater management.</p>