2024 CPD WORKSHOP PROSPECTUS





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ADVANCED POLICY WRITING



Presented by Janice Carter

This workshop is designed planners with some experience, or less experienced planners currently tasked with policy writing for a Plan required under the RMA. The programme is not suitable for recent graduates.

The layout of this workshop will begin with a brief overview of the purpose and respective roles of objectives, policies and rules in RMA Plans and then focus on the fundamental aspects of good policy writing. This will include how to express difficult concepts in policy writing, and what policy language is appropriate for a range of resource management issues.

A number of case studies will be used to examine good and bad practice. Time will also be set aside during the programme for planners to put forward policy writing issues and difficulties for group discussion. It is considered that the programme will be useful for planners requiring skills in mainly district and regional policy writing in an RMA context.

Particular case studies that will be covered during the workshop:

- Residential provisions in the Hamilton District Plan
- Coastal provisions in the Proposed Taranaki Regional Coastal Plan
- Lakes, streams and wetlands provisions in the Auckland Unitary Plan
- Natural hazard provisions in the Christchurch District Plan

Workshop Outcomes:

- Gain an understanding of the context of policy writing in RMA plans.
- Gain skills, knowledge, and confidence to write clear and effective policies in RMA plans.
- Obtain through the programme a toolbox of policy writing 'hot tips'.
- Gain an understanding of common problems faced by other planners undertaking policy writing.

ARTIFICIAL INTELLIGENCE AWARENESS (FOR PLANNERS WHO DON'T WANT TO USE AI)

Presented by Christine Coste

This workshop is designed specifically for those planners who don't intend to use artificial intelligence (AI) or generative AI (GenAI) in their work. What do planners need to know to operate in the era of AI? This workshop gives these planners an awareness of the impact of AI on planning practice. It is also ideal for managers and team leaders who have team members starting to use AI, especially GenAI.

This workshop will:

- Provide a simple introduction to AI and GenAI and use cases in planning
- Explore ethical issues around AI in planning such as bias and safeguards
- Introduce likely regulation and controls around use of AI including the recent NZ Guidelines for use of Gen AI in Courts and Tribunals
- Help you robustly respond to use of Al by others in their planning work

This workshop works best as a Bring your own Device session, but this is not essential. We will look at some quick examples of AI as part of the simple introduction to AI.

Learning outcomes

By the end of the workshop attendees will:

- Understand the basics of what AI and GenAI are, and how these technologies may be used in planning
- Be able to recognise the use of AI in planning work
- Understand how AI may affect planning processes and the work of your colleagues
- Awareness of the ethical issues around AI for professional planners

Who should attend?

The workshop is targeted to experienced planners who do not intend to use AI themselves but are wanting to gain an understanding of the impact of AI on planning, planning processes and environmental management. It is designed for those with no (or very little) knowledge around artificial intelligence. It is also useful for managers or team leaders wishing to better understand use of AI by their team members.

CASE LAW UPDATE

Presented by Helen Atkins and Joanna Beresford

This popular Case Law Update workshop has been running many years for NZPI.

The primarily focus on recent cases (in the last couple of years) and provides a practical approach to how these cases apply in practice. Attendees will receive a case law book that provides case notes of all the cases referred to and a copy of the PowerPoint slides which is what will be delivered on the day of the session.

DATA LITERACY FOR PLANNERS



Presented by Christine Coste

This workshop is designed to grow the ability of the average planner to work with data in their practice. Data skills have evolved significantly since most of us where in the education system. This workshop presents an update and extension of your data literacy skills based on the modern technological solutions which are available. There are many new tools which can help you take a more data-orientated approach to your work without the need to extend your knowledge of spreadsheets.

The workshop will explore:

- The open data movement and its relevance to planning
- What data is now available and how to access it
- How to analyse and process data starting from simple add-ons to Word, internet based options through to the more user friendly aspects of Excel including the recent addition of Artificial Intelligence.
- Experimenting with user friendly data analysis and visualisation tools
- Why data is so important in the modern world and the future of algorithms, artificial intelligence and other powerful tools which will revolutionise how we work with data.
- How to adjust your practice to make better use of the data out there to gain better insights on your projects.

The purpose of this workshop is to give an introduction and overview of using data in modern planning practice. This workshop works best as a Bring your own Device session, but this is not essential. The workshop does involve simple activities to illustrate the concepts – these are all appropriate to the average planner who has a limited knowledge of Excel.

Learning Outcomes

By the end of the workshop attendees will:

- Have an increased awareness of the important role of data in modern planning practice
- Understand the ethos behind open data in modern government
- Understand how to access various streams of data and link this information in to reports and other work documents
- Awareness of some of the tools a planner can use to understand, display and gain insights from data, without needing to specifically upskill on spreadsheets
- Understand the next steps in further growing data literacy

Who should attend?

The workshop is targeted to experienced planners, however is framed to accommodate planners at all levels. It is designed specifically for planners who currently make limited use of data in their practice. It is perfect for the planner who spends most of their time in Word and only makes limited use of Excel. If you use spreadsheets and data analysis tools regularly in your work and are familiar with the broad range of open data resources out there, it is unlikely to be the right workshop for you.

DIGITAL INFORMATION MANAGEMENT FOR PLANNERS WELLBEING

Presented by Christine Coste

Planning is inherently knowledge-intensive and the volume and complexity of this information has increased drastically over recent years. Most experienced planners have not been specifically trained in digital information practices nor have an awareness of the latest technologies to support the effective use of information in their practice.

Information overload leads to adverse impacts such as reduced efficiency and productivity, fractured attention spans, and a sense of overwhelm. This impacts on the robustness of your professional practice, from project work to how you manage your overall professional knowledge and expertise. Most importantly, these negative impacts can harm your overall personal wellbeing.

This workshop empowers planners to make deliberate decisions on their knowledge management practices, and to implement the latest technological solutions to suit their style of working. This workshop is a great antidote to the feeling of information overload in modern practice.

This workshop is structured around the practical output of a personalised information management strategy. Creating this plan during this workshop enables the following topics to be explored:

- an introduction to key information management principles and the digital competency of information literacy
- the risks of poor practices (including on professional practice and personal welbeing) and the benefits of having intentional workflows
- options to access, organise and store information robustly and methodically
- automating information collection and management
- using the tools in your browser and search engine to more efficiently access and revisit information
- an introduction to intellectual property and privacy issues associated with internet based information sources
- building strong systems to access and apply the information you have stored so that it supports your professional knowledge

This workshop works best as a Bring your own Device session but this is not essential.

Learning Outcome

By the end of the workshop attendees will:

- Develop a personalised information management strategy to implement and develop further after the workshop
- Understand the issues around information and knowledge management in modern professional practice, and the importance of managing these issues for productivity, robust professional practice and personal wellbeing
- Have experimented with some of the technological solutions available and understand how to select solutions which suit their approach and work style

Who should attend?

The workshop is targeted to planners at all levels who would like to bring some structure and organisation to the way they access, store and use information across all areas of practice, from project work to professional development resources.

EFFECTIVE STAKEHOLDER ENGAGEMENT

Presented by Gillian Taylor

Purpose of workshop:

To help participants become more effective in engaging and influencing others; equipping them with various tools, models and processes to support their success in this area.

Summary of workshop:

Dealing with people, rather than facts or technical needs, is arguably the single most complex challenge for any Planner. In any business or project situation, there are many different groups and individuals who need to be engaged and kept informed. At times this can seem overwhelming, and it is often hard to see how to keep everyone satisfied. Effectively engaging others is fundamental to success, as it ensures higher value outcomes are delivered, people have a more positive experience and risks, and cost overheads are reduced.

The workshop presents proven "how to" steps and processes. It covers the five steps of stakeholder relationship management: identify – prioritise – understand – engage – measure, taking a methodical approach, exploring issues, providing tools to help improve effectiveness and using examples. As well as this, the workshop gives an overview of the stakeholder management strategies that can be applied and provides practical guidance on how and when to apply them to different to stakeholders. A number of practical templates and checklists are provided for use by participants. Real life situations are used to demonstrate how the process and ideas have been applied in planning and other situations.

A variety of examples are used, a small sample being:

- Stimulating engagement through other trusted parties to generate stakeholder interest in long term planning
- What happened when a developer engaged early and constructively with Council Officers on a plan change
- An approach that helped resolve conflicting stakeholder requirements in a planning process
- How a poor relationship between a power company and community was turned around to become more constructive and positive in the interests of both parties
- A situation where Council and community worked collaboratively in an Environment Court mediation, and the outcome of that approach
- How a complex bus-way project successfully used a variety of engagement strategies with different stakeholder groups.

This workshop will help participants become more effective at engaging others by developing their understanding and insight about human relationships. It will also equip them with practical, proven tools and processes to support their success.

Key Learning Outcomes:

- Understand the process for identifying, prioritising and managing stakeholders
- Develop deeper understanding of stakeholders & their needs
- Become more effective at communicating with and influencing others
- Know what engagement strategies to use and how to use them
- Understand more about how to plan and manage relationships.

Key models and methods:

The models, methods and ideas introduced will stimulate thinking as well as provide a take-out toolkit. Participants will apply these to their own business situation so that they leave with practical ideas and actions to put in place.

The toolkit provided includes:

- Stakeholder Management process steps being identify, prioritise, understand, manage, monitor
- Stakeholder prioritisation based on Influence v interest and Value vs effort
- Stakeholder Engagement Strategies

- The Value Exchange model
- Neuro Linguistic Programming (Visual, Auditory, Kinaesthetic)
- Body Language
- Underlying drivers of human behaviour

Other features:

- Key concepts explored include trust, influence, value, exchange, relationships
- Participants also discuss 'distinctions' such as wants vs needs, engage vs consult.

EMERGING TECHNOLOGIES AND RESOURCE MANAGEMENT



Presented by Christine Coste

Technology is changing our world faster than ever before. This workshop is designed to give the experienced planner an understanding of these emerging technologies, and to incorporate this awareness into practice. New technologies are leading to changes in the activities and resources we manage and offer new opportunities for protecting the natural environment and managing effects.

This workshop gives an understanding of how the world is changing via the fourth industrial revolution. Key technology terms such as artificial intelligence, machine learning, big data, digital twins, drones and Internet of Things are explained. The workshop also delves into some of the deeper attitudes or principles behind these changes such as open data, transparency, security and privacy.

The participants will then look at some case studies of these technologies in practice in planning or related professions. Group exercises will allow the participants to reflect on how these new technologies will drive change in their own areas of planning practice.

The workshop will:

- Introduce the Fourth Industrial Revolution and the key groups of technologies which are part
 of it
- Discuss some of the underlying principles or attitudes underpinning these trends such as open data, transparency of governance and data security
- Explore how these technological trends are changing all spheres of daily life and how this is creating new activities and resources along with new options for managing environmental effects and protecting natural environments

The purpose of this workshop is to give a solid grounding on the current technological trends and equip the participants with the skills to apply these to their RM work. The workshop draws on practical examples of these technologies at use in planning and related professions.

Learning outcomes

By the end of the workshop attendees will:

- Understand the principal groups of emerging technologies and their impact on how our world works
- Understand the impact of these technologies on the environments and resources we work
- Be able to consider how these emerging technologies can improve management of effects

Maintain sound resource management practice in this changing world

Who should attend?

The workshop is targeted to experienced planners who are looking to better understand new technologies, particularly in the context of how these technologies affect the activities and resources we manage through the resource management process. The workshop does not cover use of specific digital platforms and services in the planner's workflow.

ETHICS FOR PLANNERS

Presented by Christine Coste

This workshop is designed to introduce members, particularly graduate members on the pathway to full membership, to key concepts in relation to professional ethics as planners.

This workshop is a compulsory CPD requirement for those members looking to seek Full NZPI membership.

The workshop will:

- Familiarise attendees with the NZPI Code of Ethics and its application to planning work scenarios
- Introduce how to identify a range of possible ethical issues in day to day practice
- Introduce ways of resolving ethical issues, and identify appropriate sources of support and information in doing so
- Provide practical exercises in applying the NZPI Code of Ethics to every day planning scenarios.

Learning outcomes

By the end of the workshop attendees will:

- Apply the NZPI Code of Ethics to practical scenarios
- Identify ethical issues as they arise in planning work
- Understand ways of resolving ethical issues and sources of information and support in doing so

Who should attend?

The workshop is targeted to planners on the pathway to full membership. It is one of the compulsory workshops on this pathway. It is also for Full members who are looking to refresh their ethics knowledge, as is required for Full members every three years. Full members looking to refresh their knowledge of ethics may also like to consider 'Ethics and Digital Technologies' as an alternative way to meet the requirement to refresh their knowledge of ethics while also looking at the impact of digital technologies on ethical practice.

ETHICS AND DIGITAL TECHNOLOGIES

Presented by Christine Coste



Digital technologies and their consequences introduce new and unique pressures on our professional practice and compliance with the NZPI Code of Ethics. This workshop is designed to explore these impacts set against the framework of our NZPI Code of Ethics.

It provides an alternative way to refresh your planning Ethics CPD, as Full members are required to complete CPD on the topic of Ethics every three years. It is therefore ideal to the experienced planner who would like to upskill on the impact of digital technologies as part of refreshing their knowledge on Ethics.

The workshop will explore:

- An introduction to some of the modern concepts around digital technology which impact on planning ethics, for example information overload, data literacy, the digital divide, open data, automation and AI, cybersecurity and privacy;
- How these technologies and concepts impact on the ethical and competent practice of planners;
- The legislation and frameworks to manage these new concepts and the impact on planning work:
- Lessons learnt in other planning jurisdictions overseas in adapting to these challenges; and
- What concepts we can introduce into our practice to counter these pressures to maintain our ethical responsibilities.

The purpose of this workshop is to introduce a number of new, technology-related challenges for planners and explore how a planner may respond to ensure professional integrity. The workshop does not cover instruction on use of any particular digital technology or service.

Learning Outcomes

By the end of the workshop attendees will:

- Have an increased awareness of the impacts of digital technologies and associated concepts on planning work.
- Understand how these changes impact on professional practice and planning ethics particularly with regard to complying with the NZPI Code of Ethics;
- Understand how to uphold ethical and competent practice against these pressures; and
- Awareness of what new knowledge or skills the individual planner may need to gain to adapt individual practice to meet these challenges

Who should attend:

The workshop is targeted to experienced planners who are Full/Associate members of the NZPI and are looking to better understand the impact of digital technologies on their ethical responsibilities. It is designed for those with much planning experience but limited knowledge of digital technologies and associated concepts and changes. It will also be suitable for planners with more knowledge of digital technologies as it will provide the opportunity to reflect on these impacts on professional planning practice with other planners.

EXPERT WITNESS/PRESENTING PLANNING EVIDENCE

Presented by Dave Serjeant

This seminar is designed to be a practical guide to preparing and presenting evidence at the Environment Court. It will address what it means to be an expert witness, primarily focusing on planning experts however the seminar is of value to all expert witnesses.

It will include commentary on practices designed to assist the Court to determine technical issues where experts offer conflicting opinions. This will include the standard practice of requiring technical witnesses to attend expert conferencing and produce an agreed statement of facts and/or joint statements of evidence.

The seminar also provides guidance on how to conduct oneself under cross-examination.

The facilitator is joined by a senior RMA lawyer and a Judge of the environment Court for the Presentation, providing insights on what is expected from the expert witness form their perspective. The presentations are interspersed with a mixture of short tests, mock court/role play, and review of exemplars to reinforce the workshop content. There may be some preparatory work prior to the workshop for attendees.

FRESHWATER SCIENCE; BASICS FOR PLANNERS AND OTHERS



Presented by Kate McArthur

This short online workshop covers the basic science concepts underpinning freshwater management and the NPS FM 2020, drawing on examples of freshwater issues from around Aotearoa.

We discuss the five components of ecosystem health: water quality, water quantity, ecological processes, aquatic life and habitat, including river extent and fish passage.

We explore nutrients and why we need to manage them, indigenous species and why their habitats require protection, flows and levels – why they are important and the functions they serve, what we need for safe human contact with freshwater and look at why wetlands are important and require protection.

On completion of this workshop, you will have a basic understand of the NPS FM attributes and how they relate to freshwater values.

GENERATIVE AI FOR PLANNERS

Presented by Christine Coste

Generative AI (GenAI) is a subset of Artificial Intelligence (AI) focused on generating text and images. In the past one to two years, a range of GenAI tools have become widely available. This workshop is an introduction to use of this powerful technology by planners.

This workshop will:

- Introduce GenAl and allow participants to understand what this important technology can do
- Explore use cases and hints for getting started with Gen AI such as prompting (giving good instructions to GenAI)
- Introduce ethical issues with Gen AI, including a look at NZ's Guidelines for use of Gen AI in courts and maintaining your professional and ethical obligations while using Gen AI (e.g. awareness of bias)
- Reflecting on use of GenAl in planning with other planners

This workshop delivers key information on this topic along with practical exercises and the chance to discuss these issues with other planners.

This workshop is focused on using generative AI (e.g. ChatGPT, Bing Chat/Copilot) but this is only one part of AI – if you are looking for a workshop on AI more broadly, please refer to the workshop 'Introduction to AI for Planners'.

This workshop works best as a Bring your own Device session so you can try some practical examples but this is not essential. If you have a login with ChatGPT, Microsoft CoPilot/Bing Chat or Google Bard please have this available on your device. Demonstrations will mainly focus on the Microsoft product but all exercises during the workshop can be completed on any GenAl service.

Learning outcomes:

By the end of the workshop attendees will:

- Understand what GenAl is and how it can be used by planners
- Be able to get started with using Gen AI and improve their instructions to GenAI
- Be aware of ethical responsibilities around use of GenAl in planning work including at hearings and court proceedings
- Understand how to deploy GenAl in your work

Who should attend?

The workshop is targeted to planners at all levels who are looking to get started or further develop their initial use of GenAl. It is designed for those who have experimented a little with GenAl tools such as ChatGPT but is also suitable for those with little or no knowledge around GenAl. If you have been working with Gen Al for a while and have a well-developed knowledge of prompting it may not be the right workshop for you.

HOW TO IMPLEMENT THE NATIONAL POLICY STATEMENT FOR FRESHWATER MANAGEMENT (NPS FM)

Presented by Kate McArthur & Helen Marr

Following completion of online workshops, 'NPS FM: key concepts' is a critical preworkshop requirement

The NPS FM 2020 introduced a significant shift in freshwater management, with new terminology, obligations and attributes, centered around Te Mana o te Wai (TMOTW). Together we will explore a good framework to implement the NPS and focus on what active involvement with tangata whenua really looks like, keeping TMOTW at the heart of the NPS implementation process. We will work through how long a new freshwater plan process might take, where to get started and what information you will need, including how to apply NPS exceptions where necessary.

This interactive in-person workshop uses examples of freshwater management issues from around Aotearoa to work through the NPS FM process. Together we will workshop drafting long term visions, environmental outcomes and limits and answer your burning questions about the NPS. At the end of the workshop you will confidently understand the NPS FM process and be ready to take on implementation through new freshwater planning processes.



INTRODUCTION TO ARTIFICAL INTELLIGENCE

Presented by Christine Coste

Artificial Intelligence (AI) is already changing many aspects of modern life, but what does AI actually mean for planners? This workshop is designed to give planners an understanding of what AI is and how it will influence your practice.

This workshop is a practical introduction to AI. Through using some generic AI powered tools you will develop an understanding of AI. We will also look at how it is created and the importance of data to AI.

The workshop will then explore current case studies and future use cases for planning and environmental management through real world examples and group exercises. This will allow the participants to reflect on how AI may drive change in their own areas of planning practice.

Finally the workshop also explores some of the deeper issues around AI such as managing bias and ensuring ethical use; along with what safeguards are being used to manage these important issues.

This workshop includes generative AI (e.g. ChatGPT) but this is only one part of the AI covered in this workshop – if you are looking specifically for a workshop on generative AI please refer to the workshop 'Generative AI for Planners'.

The workshop will:

- Introduce artificial intelligence and allow participants to understand what this important technology can do
- Explore case studies and future use cases for AI in planning and resource management
- Identify some of the ethical issues associated with AI in planning
- Introduce Al guidance such as NZ's Courts and Tribunals guidelines and possible future areas of Al regulation

This workshop works best as a Bring your own Device session so you can try some practical examples of AI but this is not essential.

Learning outcomes

By the end of the workshop attendees will:

- Understand what AI is, what it can do and how it is created
- Be able to recognise the use of AI in digital services and technologies
- Understand how AI may affect your work and methods for how we plan and manage the environment
- Awareness of the ethical issues around deployment of AI
- Maintain sound planning practice in this changing world

Who should attend?

The workshop is targeted to planners at all levels who are looking to better understand the potential and benefits of artificial intelligence in planning work. It is designed for those with little or no knowledge around artificial intelligence.

INTRODUCTION TO URBAN DESIGN IN ACTION FOR PLANNERS

Presented by Dr Lee Beattie and Ian Munro

This one-day workshop is aimed at planners who are seeking to gain an understanding of the theory, principles and practice of urban design and how this can be applied to planning and when an urban designer could be required to achieve the intended planning outcomes sought in the resource consent and plan making process.

The workshop will provide an understanding of the role of urban design can play through the planning process and how planners can effectively engage, evaluate and assess urban design evidence/comments they may receive.

Based around up-to-date case studies and evaluating current best practice, using both local and international examples in Auckland, Queenstown, Tauranga, Christchurch and in North America. This is supported by the presenters' own professional experiences working on a wide range of urban design issues and projects.

Learning Outcomes:

- Gained an understanding of urban design theory, principles and practice how this applies to planning and what 'sound urban design practice' could look like.
- Gained an understanding of the role and importance of urban design when seeking to create sustainable urban planning and design outcomes through the planning process, especially during the critical plan making process.
- Gained an understanding of the role and importance of urban design in the resource consent process and explaining the need for urban design to applicants; and
- Being confident in identifying and understand the difference between planning, architecture, landscape architecture, and urban design opinions and how these should be applied through the planning process.
- Understand the drivers of the development process in order to deliver your urban design outcomes in practice.
- The ability to ensure urban design policy intentions are effectively incorporated into the plan to ensure you have the mandate for urban design.

Aimed at planners but is open to all built environment professionals with an interest in developing effective urban design outcomes in practice. The class will be interactive and draws on the presenters' real life working examples including projects dealing with both small and large scale projects including, master-planning, Special Housing Areas, residential and commercial developments and infrastructure issues.

MANAGING THE SURFACE AND GROUNDWATER EFFECTS OF DEVELOPMENT AND INFRASTRUCTURE

Presented by Nigel Mark-Brown

This workshop provides planners, engineers, and scientists with an overview of the management of water-related effects of development in the RMA context.

Overview of Workshop:

- Overview of potential effects of development on surface and groundwater. This will include a
 general description of the sources and mechanisms involved in discharges of contaminants to the
 land and water and other environmental effects on land and water from activities and development.
 Case studies on consenting problems associated with overland flow paths and flooding are
 presented and discussed.
- Good practice for managing water-related effects. This will give an overview of and examples of good engineering assessment and design practice relating to the planning, design and operation of developments and infrastructure. Case studies on contamination management and consenting are presented and discussed.
- Provisions of RMA plans. This will discuss how RMA plans address the control of effects on water and water bodies and how approaches differ within New Zealand.
- Using RMA plans. This will include a discussion of how council staff can satisfy themselves that appropriate avoidance, remediation, or mitigation is incorporated in proposed developments. It will cover what planners/engineers/scientists need to know when preparing and/or reviewing AEEs accompanying resource consent applications. The workshop will discuss how to liaise with engineers and other specialists when the effects of activities may be more than minor and/or when applications need technical scrutiny.

Subject Specific Outcomes:

- Understand the range of potential effects on surface water and groundwater from developments and activities and the role of the RMA in addressing these.
- Identify issues associated with proposed development that may have adverse effects on surface and groundwater.
- Know what good practice is to avoid, remedy or mitigate water-related effects of development or other activities.
- Understand how RMA plans address the water-related effects of developments and how and why approaches differ over regions
- Assess technical information provided with a resource consent application and determine what further information or review what may be required for the consent authority to full consider the application.
- Assess whether an applicant's AEE contains sufficient information for the consent authority to accept the application and to write the officer's report (s 42A RMA)
- Have an awareness of technical matters when liaising with engineers and other specialists.

This workshop is designed for district and regional council planning and/or engineering staff who are responsible for processing resource consents particularly in rural or greenfields areas. It is also designed for planning and other consultants preparing AEE reports.

NATIONAL POLICY STATEMENT FOR FRESHWATER MANAGEMENT (NPS FM): KEY CONCEPTS



Presented by Helen Marr

The NPS FM 2020 has Te Mana o te Wai at its heart, both as a fundamental concept and framework for management. But what does the single objective and hierarchy of obligations mean for freshwater planning? We will explore Te Mana o te Wai and the framework of the new NPS together, how to take an integrated management approach - Ki uta ki tai and examine how this is different from 'business as usual'.

We will look at some key terms from the NPS and why they are important, including: overallocation, use of best information, baseline state, degraded and degrading.

We'll explore the NPS effects management hierarchy, offsets, compensation and how this differs from mitigation. Finally we will take a look at wetlands and river extent, why they are important what you have to do about them in freshwater planning. On completion of the workshop you will understand the new NPS FM terminology and meanings and be ready to start implementing the NPS in plans.

PLANNING FOR ENDURING OUTCOMES – COMPLIANCE '101' FOR CONSENT PLANNERS

Presented by Amanda de Jong

This workshop is focused on the importance of resource consent conditions and provides an overview of compliance processes under the RMA.

Planners will finish the day with tools to assist them in their consenting work to ensure that resource consents achieve the intended outcomes on the ground.

Learning Outcomes:

- Why we monitor resource consents and how to set consents up for success
- Understanding of key matters to consider when drafting conditions
- Understanding the risk approach to compliance monitoring
- Overview of compliance processes under the RMA

PLANNING FOR MĀORI VALUES – TE TIMATANGA: INTRODUCTION

Presented by Jade Wikaira, William Koopu and Ida Kohu

It is important that planners understand the role of mana whenua and tangata whenua in the resource management environment and how to recognise and provide for their values. Planning for Māori Values is designed as a series of three workshops.

- Te Tīmatanga Introductory Workshop
- Te Piriti Intermediate Workshop
- Ki Te Hoe Advanced Workshop

Te Tīmatanga – Introductory Workshop begins with the foundation to understanding these values, including the role of Tiriti o Waitangi / Treaty of Waitangi, and is designed to help attendees prepare themselves to engage with tangata whenua in their work.

Issues in relation to Māori land and its use are complex; this workshop will also assist planners to understand the legislation and constraints facing the use of Māori resources and provide practical information on how to better provide for these issues through our plans and decisions.

Learning Outcomes:

- Gain an understanding of tangata whenua values in the environment and how to provide for these values as planners
- Gain an appreciation of the Declaration of Independence and Te Tiriti o Waitangi / Treaty of Waitangi
- Understand the importance of whakawhanaungatanga and gain skills and knowledge to undertake effective engagement with tangata whenua

PLANNING FOR MĀORI VALUES – TE PIRITI: INTERMEDIATE

Presented by Jade Wikaira, William Koopu and Ida Kohu

It is important that planners understand the role of mana whenua and tangata whenua in the resource management environment and how to recognise and provide for their values. Planning for Māori Values is designed as a series of three workshops.

- Te Tīmatanga Introductory Workshop
- Te Piriti Intermediate Workshop
- Ki Te Hoe Advanced Workshop

Te Piriti – Intermediate Workshop. The intermediate workshop builds on the foundations set in the introductory workshop. We focus in more depth on the application of Māori values in different planning settings and explore Tiriti o Waitangi / Treaty of Waitangi through the lens of settlements.

In this workshop we will explore the proposed resource management reforms and impacts on Māori. This will include how technicians improve their approach to Māori engagement and offers suggested approaches to planning investigation and inquiry.

Learning Outcomes:

 Understand and make provision for how Treaty Settlements impact on RMA and LGA processes and Council Decision making

- Gain an understanding of working with Treaty Settlement legislation, statutory acknowledgements, lwi Management Plans and CVA's CIA's
- Gain an understanding of how legislation changes will impact Māori

PLANNING FOR MĀORI VALUES - KI TE HOE: ADVANCED

Presented by Jade Wikaira, William Koopu and Ida Kohu

It is important that planners understand the role of mana whenua and tangata whenua in the resource management environment and how to recognise and provide for their values. Planning for Māori Values is designed as a series of three workshops.

- Te Tīmatanga Introductory Workshop
- Te Piriti Intermediate Workshop
- Ki Te Hoe Advanced Workshop

Ki Te Hoe – Advanced Workshop concludes this series. In this workshop, planners demonstrate skills they have developed through the 'Planning for Māori Values' series through groupwork and incorporating their understanding of values and identifying tools through which mana whenua are included and engaged. The focus of the Ki Te Hoe is on a planning application and participants will be supported to reflect on their practices in integrating Māori values through engagement.

This workshop is a compulsory CPD requirement for those members looking to seek Full NZPI membership

Learning Outcomes:

- Demonstrate an applied understanding of integrating Māori values in planning practice through discussion, critical reflection and group work.
- Demonstrate an applied understanding of Mātauranga Māori in the implementation and evaluation of planning practices
- Demonstrate and reflect an applied understanding of engagement and partnering with Māori in resource management planning processes and practices

PLANNING FOR ADMINISTRATORS

The intention of this 3.5 hour (half day) workshop is to provide council officers and people supporting planning teams in private practice with an understanding of the roles and functions in how the planning system actually works and how you can be more effective in support the team of professional planners.

It is especially designed for council officers and people in private practice would like to gain a better understanding of how the planning system actually works in practice in New Zealand. It will explain the role of planning and will demystify the planning jargon so non-planners can actively engage with the planning teams.

Aimed it staff in both the public and private practice firms and NGO who work with planners and would like to gain a better understanding of how the system works.

Learning outcomes:

- To purpose and rationale for planning
- The role of planning process
- Understanding the role of the planner in the planning system.
- Understanding the structure and staffing of a resource consent, policy, and compliance departments; and
- Understanding the support officer's role in the planning system

PLANNING FOR NON-PLANNERS

Aimed at staff in both the public and private practice firms and NGO who work with planners and would like to gain a better understanding of how the system works, this 3.5 hour workshop is designed for those from a non-planning background and would like to gain a better understanding of how the planning system actually works in practice in New Zealand.

This workshop will explain the role of plans (Regional, Unitary and District Plans), plan changes, resource consents within the development process and will demystify the planning jargon so non-planners can actively engage in the planning system.

Learning outcomes:

- To purpose and rationale for planning;
- The basis of the planning system in New Zealand
- The role of Regional, Unitary and District Plans;
- Understanding Zoning and Resource Consents
- Understanding the role of the planner in the planning system;
- Understanding the structure and staffing of a resource consent, policy and compliance departments; and
- Understanding planning reports and the hearing process

PRINCIPLES & PRACTICE OF DESIGNATIONS UNDER THE RMA

Presented by Justine Bray and Luke Hinchey

Designations are a key tool under the RMA for consenting, constructing, operating and future proofing many medium to large scale projects. The practice of establishing, applying for and using designations under the RMA is often not well understood. This is not surprising given that by far many development proposals are established through resource consents, which are quite different to designations. Furthermore, there are only limited people or organisations who can exercise designation powers.

Understanding how designations work is an important area of knowledge for all planners, particularly those interested in working with councils, central government organisations and infrastructure providers that help deliver public good projects. The presenters will use case studies including AUT University's South campus designation and that of Ara Tūhono – Pūhoi to Warkworth for the New Zealand Transport Agency.

This one-day workshop aims to introduce designations to those planners who have little experience in their use. It will provide an overview of their statutory framework under the RMA, the status of the designation in a District Plan, how this may be altered and the purposes of an outline plan of works. The workshop will also address conditions on designations and some case law will be discussed.

RC1: RESOURCE CONSENTS - AN UPDATE

Presented by Dr Lee Beattie

Introduction to Resource Consents is part of NZPI's CPD Resource Consent Stream. It is designed to provide the participants with a general introduction to the resource consent process and requirements under the Resource Management Act 1991(RMA). The workshop is aimed at recent graduates, professionals with limited knowledge of the RMA and the consent process, and people new to the New Zealand planning system.

This one-day workshop draws on Lee's extensive experience, including as an Independent Hearing Commissioner and Chair of the Auckland Urban Design Panel and covers all the relevant issues arising from the 2020 amendments to the Resource Management Act 1991. It is based around up-to-date case studies, interactive examples and exercises drawing on the relevant case law and how these should be applied in practice, including:

- The rational planning model and how this is applied to plan making under the Resource Management Act 1991
- Trilane Industries Ltd v Queenstown Lakes District Council [2020] NZHC 1647
- Gabler v Queenstown Lakes District Council 2017 NZHC 2086
- Davison v Marlborough District Council 2017
- Tasti v Auckland Council 2016
- Sutton v Environment Canterbury 2014
- EDS vs King Salmon 2014
- Watercare Services v AC 2011
- Northcote Manistreet Inc V North Shore City Council 2006

Learning Outcomes:

A general understanding

- How plans are developed under the RMA
- How to Develop effective Assessment of Environmental Effects which meet the requirements of the 4th schedule
- How to apply s.88 and when to request further information or commission reports under s.92.
- Determining whether an application should proceed on a notified (public or limited) or non-notified bases under the RMA
- How to clearly communicate the reasons for your recommendations to the decision maker

Develop effective and enforceable conditions

RC2: ASSESSING ENVIRONMENTAL EFFECTS AND NOTIFICATION ISSUES

Presented by Dr Lee Beattie

This one-day workshop is designed to provide participants with the essential skills to

- The ability to scope planning proposals for clients
- Develop effective and sound Assessment of Environmental Effects (AEEs)
- Determine completeness and sufficiency of information required for the Council to accept your application under s.88 and the 4th schedule
- Understand the Council's role in accepting applications (s.92 requests)
- Determining when and where it's appropriate to request further information
- Determining when to notify (public or limited) or not to notify resource consent applications

This one-day workshop draws on Lee's extensive experience, including as an Independent Hearing Commissioner and covers all the relevant issues from the Resource Management Act 1991. It is based around up-to-date case studies, interactive examples and exercises drawing on the relevant case law and how these should be applied in practice, including:

- Trilane Industries Ltd v Queenstown Lakes District Council [2020] NZHC 1647
- Davison v Marlborough District Council 2017
- Gabler v Queenstown Lakes District Council 2017 NZHC 2086
- Tasti V Auckland Council 2016
- Tram Lease Limited v. Auckland Council 2016
- Ports of Auckland v Auckland Council 2015
- Northcote Manistreet Inc V North Shore City Council 2004

Learning Outcomes:

An understanding

- How to scope a planning application
- Develop effective Assessment of Environmental Effects which meet the requirements of the 4th schedule
- How to apply s.88 and the 4th schedule to determine where or not to accept a resource consent application
- How and when to request further information or commission reports under s.92.
- Determining whether an application should proceed on a notified (public or limited) or non-notified bases under the RMA

RC3: CONDITIONS, DECISIONS, REPORTS AND HEARINGS

Presented by Dr Lee Beattie

This one-day workshop is designed to provide the participants with a detailed understanding of how to prepare effective and sound s.42 reports, prepare relevant s.104 recommendations to a range of decision makers with effective and enforceable conditions. It will also assist you to understand your role as a reporting officer, improve your report writing skills, your role during a hearing process and dealing with Hearing Commissioners questioning.

This one-day workshop draws on Lee's extensive experience, including as an Independent Hearing Commissioner and covers all the relevant issues arising from the 2020 amendments to the Resource Management Act 1991. It is based around up-to-date case studies, interactive examples and exercises drawing on the relevant case law and how these should be applied in practice, including:

- Davison v Marlborough District Council 2017
- Toasti v Auckland Council 2016
- Oddfellows v Auckland Council, 2016
- Blue Sky Timber v TCDC 2006
- Ports of Auckland v Auckland Council 2015
- Rodney District Council v Gould 2006
- Queenstown Central Limited v Queenstown Lakes District Council 2013
- Arnott vs. North Shore City Council 2000
- Newbury DC v Sec of State for Environment 1981

Learning Outcomes:

An understanding of:

- The role of a reporting officer within the hearings process and how to present effective evidence to a range of decision makers
- How to write a legally and technically sound s.42A report, appropriate to the nature and type of the resource consent application under consideration
- How to assess the opinions of other experts by reference to the policy direction of the relevant planning documents
- How to clearly communicate the reasons for your recommendations to the decision maker.
- Develop effective and enforceable conditions
- Recognise what it takes to write in plain English and communicate your ideas to wide range of different audiences

RC4: EFFECTIVE ENGAGEMENT IN ENVIRONMENT COURT & BOARD OF INQUIRY PROCESSES

Presented by Dr Lee Beattie

This one- day workshop is designed to provide the participants with an understanding of the processes involved when dealing with matters of national significance that either go through the EPA or as with direct referrals. Learn how to effectively contribute to the Board of Inquiry and Environment Court processes and gain a detailed understanding of the resource consent appeals and objections processing, including s.120, appeals, s.357 objections, caucusing and conferencing of expert witnesses, Court assisted and informal mediation.

This one-day workshop draws on Lee's extensive experience, including as an Independent Hearing Commissioner and Chair of the Auckland Urban Design Panel and covers all the relevant issues arising from the 2020 amendments to the Resource Management Act 1991. It is based around up-to-date case studies, interactive examples and exercises drawing on the relevant case law and how these should be applied in practice, including:

- Mainpower NZ v. Hurunui DC 2012
- Waiheke Marinas Limited v Auckland Council 2013
- Tram Lease v Auckland Council 2015
- Waiheke Marina Case 2015
- Water view Tunnel 2009
- Other examples throughout New Zealand

Learning Outcomes:

An understanding of:

- The processes relevant to direct referrals under ss.87C-87I, 198A-198M and s.285 of the RMA and Matters of National Significance under Part 6AA of the RMA
- The ss.120 and 121 appeals process
- The role and obligations of s.274 parties during the resource consent appeal process
- How to effectively deal with s.357 objections

UNDERSTANDING NOISE & EFFECTS

Presented by Jon Styles

The management of noise effects is pivotal to creating liveable cities, healthy communities and ensuring the sustainable management of infrastructure and industry. Planning for population growth and intensification requires that noise effects within mixed use environments are carefully managed and reverse sensitivity effects on significant infrastructure, strategic industries and productive land use are avoided.

It is essential that planners hold a good understanding of the basic principles of the noise measurement and assessment process to aid their interpretation of acoustic assessments and to ensure good decision making. Ensuring resource consent conditions and policy contain robust noise management provisions can avoid potential complaints and enforcement proceedings. The time and cost of resolving noise issues can be significant to Council and stakeholders- a process that policy and resource consent planners are not always privy to.

This workshop provides a comprehensive introduction to the assessment of noise effects under the planning framework. Real life, practical examples are provided to enhance the understanding of technical concepts.



Over four sessions in a one-day workshop, Jon provides a comprehensive overview of noise and effects, including the basics of noise measurement, the assessment of noise effects in the resource consent process, guidance from recent cases, and a best practice guide to drafting conditions and understanding the role and function of management plans.

Session 1: The basics of noise measurement and assessment

- The basic methods for the measurement of noise
- Understanding the application of common noise measurement metrics (LAeq, Lmax)
- Assessment locations (notional boundary etc)
- New Zealand Standards and WHO Guidelines
- Understanding intensity, loudness, and the subjective increase in noise levels
- Examples of how noise can be effectively mitigated
- Effect of trees, acoustic fences and the weather on noise effects and noise measurement

Session 2: The assessment of noise effects in the planning framework

- What to expect from an acoustic report and the peer review
- Written approvals
- Understanding Section 16 and the Best Practicable Option
- The big picture- considering noise rules within the overall objective and policy framework
- What to expect from an acoustic assessment
- The report review process how to brief an acoustics expert and what to expect

Session 3: Relevant Cases

This session explores several relevant decisions from the Courts and how they influence the interpretations of various sections of the Act and some District Plans. The cases include:

- Ngataringa Bay 2000 Inc. v Attorney General [1994] A16/94 Can a council impose a stricter duty (than the District Plan noise limits) on the occupier of land through the adoption of the 'best practicable option'
- North Canterbury Clay Target Association Inc. v Waimakiri Council [2016] NZCA 305, CA21/2015,
 Does a Certificate of Compliance and an Existing Use Right protect a noise-generator from encroaching residential use.
- Empire Entertainment Ltd v Auckland City Council [2010] NZRMA 525 (HC) The role of the Best Practicable Option in the decision-making process
- Nelson City Council & Delaware Bay Residents Association Inc v Harvey [2011] NZEnvC48 Is the chronology of development relevant - does it matter if the noise-generator was there before the receiver arrived.

Session 4: Conditions of consent and management plans

- Principles for developing effective and enforceable consent conditions
- Developing conditions to control effects and give certainty, considering the complexities and cost of noise measurements.
- Examples of good conditions and bad conditions
- The purpose, content, and role of management plans



UNDERSTANDING VIBRATION AND EFFECTS

For several years now Jon has run the successful workshop on 'Noise and its Effects'. Based on this experience and feedback, Jon has recommended the development and delivery of a workshop specifically dealing with the effects of vibration.

As urban development intensifies and buildings are constructed closer to neighbours, with deeper foundations and basements for car parking, so do the potential effects of construction vibration on people and buildings. District Plans across New Zealand are becoming increasingly responsive to managing a variety of vibration effects. Managing vibration effectively requires planners to hold an understanding of the measurement and assessment of vibration, and the potential effects.

Over this one-day workshop, divided between the classroom (AM) and on site (PM), Jon Styles provides planners with a comprehensive introduction to the basics of vibration. This workshop provides a good understanding of vibration-generating activities, effects on people and structures, and the criteria for measuring and assessing vibration effects. A site visit to a construction site will provide workshop attendees with the opportunity to observe vibration in practice.

Theory Session: Understanding the Basics of Vibration

- What is vibration and how is it generated
- Typical land use activities involving vibration effects (construction and operational)
- Vibration from explosives and blasting
- The basic methods for the measurement of vibration
- Understanding the vibration standards
- Requirements of the Noise and Vibration Metrics Standard (National Planning Standards)
- Levels and criteria for human annoyance and building damage
- Vibration sensitive receivers and activities
- Applying and understanding District Plan rules
- Drafting conditions of consent to manage effects on vibration sensitive structures and receivers
- Managing vibration at source
- What to expect from a construction noise and vibration assessment and the peer review
- Drafting conditions of consent to protect vibration sensitive structures and receivers
- The role of the Construction Noise and Vibration Management Plan (CNVMP)

Practical Site Visit: Construction Vibration in Practice

A site visit to observe vibration in practice. This will involve the observation of various items of construction plant and the operations that generate vibration, as well as experiencing vibration effects in real-time with measurements undertaken concurrently to help understand the physiological effects at various vibration levels.

PLEASE NOTE - Light PPE gear will be required for this workshop. Health & Safety requirements will be outlined closer to the workshop date.



URBAN DESIGN IN ACTION FOR PLANNERS

Presented by Dr Lee Beattie and Ian Munro

This one-day workshop is aimed at planners who are seeking to gain an understanding of the of the practice of urban design and how this can be applied to planning to achieve the intended planning outcomes sought in either through resource consent and/or plan making process. This workshop builds on the one-day introductory workshop on urban design, but can be undertaken independently.

The workshop is based around up-to-date case studies and evaluating current best practice, using both local and international examples in Auckland, Queenstown, Tauranga, Christchurch and in North America. This is supported by the presenters' own professional experiences working on a wide range of urban design issues and projects.

By the end of the workshop you will have:

- An introduction to site layout, subdivision, the role of precinct plans and master planning and other urban design approaches to development with the tools and information requirements to deliver these in practice.
- Being confident in identifying and understand the difference between planning, architecture, landscape architecture, and urban design opinions and how these should be applied through the planning process.
- Understand the drivers of the development process to deliver your urban design outcomes in practice.
- The ability to ensure urban design policy intentions are effectively incorporated into the plan to ensure you have the mandate for urban design.

This workshop is aimed at planners but is open to all built environment professionals with an interest in developing effective urban design outcomes in practice. The class will be interactive and draws on the presenters' real-life working examples including projects dealing with both small- and large-scale projects including, master-planning, Special Housing Areas, residential and commercial developments and infrastructure issues.

Attendees are invited to also bring examples from their own experience for discussion and comment.



2023 CPD



Amanda de Jong

Amanda is a Strategic Environmental Consultant and Director of Brighta Consulting Ltd. Amanda has a comprehensive background in resource management compliance, consenting and policy development with 15 years' experience working in local government in both NZ and the UK. Amanda has previously held leadership positions in the compliance and consenting departments at Auckland Council.

Christine Coste

Christine has more than 24 years' experience as a planner. She holds a Bachelor of Planning from the University of Auckland and is a Full member of the New Zealand Planning Institute.

Christine founded RMA Digital to provide services to RMA practitioners to better meet the challenges of the digital age. Embracing digital technologies is essential to our ability to practice in the modern world.

Christine chairs the NZPI's Special Interest Group PlanTechNZ, which encourages planners to explore new technologies and for the planning profession to respond to the opportunities and challenges of new technologies.

Christine is a certified RM Making Good Decisions independent commissioner and has a Certificate in Public Participation from the International Association for Public Participation.

Dave Serjeant

Dave Serjeant is an environmental planner and independent hearings commissioner with a nationwide practice in plan making and large, complex projects. Dave's experience spans a wide range of environments, from inner urban Auckland to the outstanding landscapes of Central Otago, and from landfill operations to marinas. His clients include corporate entities, Councils and non-governmental environmental organisations. He has frequent appearances before the Environment Court as an expert planning witness and related involvement in mediations and expert conferencing. Dave holds the qualifications of Bachelor of Town Planning from Auckland University (1979) and Master of Business Studies (Economics) from Massey University (1985). He is a full member of the New Zealand Planning Institute and a member of the Resource Management Law Association, with 37 years professional experience.

Dr Lee Beattie

Dr Lee Beattie is a practicing urban designer and urban planner with over 27 years' experience. He has qualifications in urban planning, urban design, and environmental science. He specialises in urban design matters, urban planning and urban design policy development; implementation and evaluation; and providing professional urban planning and urban design evidence.

Recently, with Dr Caroline Miller, he co-edited and contributed six chapters in New Zealand's first book about planning and urban design practice: Planning Practice in New Zealand, now it is second edition.

Lee is an Auckland Council, Queenstown Lakes and Hamilton City Council Independent Hearings Commissioner. He is also Head of the University of Auckland's School of Architecture and Planning and Director of the University's Urban Design programme.

Gillian Taylor

Gillian is an experienced consultant, business coach and catalyst for positive change, with extensive experience in developing effective relationships to deliver outcomes of value to stakeholders. Gillian has a strong track record in helping parties establish successful partnering ventures. She has developed business partnerships, been involved in (and accountable for) outsourcing and large complex relationships, including alliances between large NZ and Global corporations.

Helen Atkins

Helen is a barrister / commissioner who has over 30 years' experience in both the public and private sectors in environmental, public and local government law. She was one of the original presenters of the case law update and has returned to present it again. In addition, to practising law Helen is also an experienced commissioner both in the resource management and development contributions areas. Helen also has a number of governance roles.

Helen Marr

Helen Marr is a resource management planner with experience and focus on resolving water policy issues. Helen has been involved in water management issues in Manawatu, Hawkes Bay, Wellington and Canterbury. Helen is a Director of Perception Planning, a specialist resource management planning consultancy.

Ian Munro

Ian Munro (B.Plan (Hons), M.Plan (Hons), M.Arch[Urb Des] (Hons), M.EnvLS (Hons), MNZPI, Certified RMA Commissioner) is a self-employed planner & urban designer, Hearings Commissioner with indepth work experience work across New Zealand, and a member of the Auckland Council's Urban Design Panel.

Ida Kohu

Ida Kohu is from Waikato, Ngāi Te Rangi and Ngāti Ranginui and she brings extensive experience from a career in the public sector. She has particular experience in the development of the values system that are a core component of the Planning for Māori Values workshops.

Jade Wikaira

Jade is Te Whānau-a-Apanui, Ngāti Tūwharetoa and Ngāpuhi and she is managing director of her own taiao consulting business Wikaira Consulting Limited. Jade has been running the Planning for Māori Values (Advanced and Introduction) workshops for the past six years. She recently stepped down from the role of Chairperson for Papa Pounamu, the Māori Planners network and special interest group of the NZPI.

Jade is a proud planner and works with mana whenua across the country on resource management and environmental projects. She and her team are focussed on delivering outcomes that reflect the aspirations of iwi, hapū and Māori communities. This includes services in environmental planning and resource management, strategic policy and the integration of te ao Māori perspectives.

Janice Carter

Janice Carter has a MSc (Hons) in Resource Management and has been practicing in the field of resource management planning for 25 years. Janice works as a planning consultant for GHD. A large proportion of Janice's work has been in policy writing, from high level strategic policy documents for Councils and other organisations, to drafting district and regional plans. In addition to strong policy writing skills Janice brings a practical approach to resolving resource management policy issues utilising her sound geological sciences background. The most recent plan Janice has been involved with is the Christchurch Replacement District Plan.

Joanna Beresford

Joanna is Partner at Beresford Law who specialises in environmental, local government and resource management law. She has 18 years private practice experience and has acted on a wide range local government and resource management law matters including strategic plan changes, consenting, designations and public works, and environmental enforcement and compliance. Joanna is a member of the ADLS Environment & Resource Management Law Committee, a mentor for the College of Law New Zealand mentoring programme and is qualified as a hearing commissioner.

Jon Styles

Jon Styles is the Director and Principal of Styles Group, a consultancy specialising in the measurement, prediction and assessment of noise and vibration. Jon has been practicing in the acoustics industry for more than 16 years and has completed the Ministry for the Environments' Making Good Decisions programme. Jon has over eight years' service as a Council Member of the Acoustical Society of New Zealand and has been the President of the Society since 2016.

Jon specialises in the preparation of advice and the development of policy for environmental noise and vibration effects under the RMA- particularly for major infrastructure projects. Recent assignments include East / West Link, City Rail Link, Northern and Southern Corridor Improvements, Ruakura Inland Port, SH16 Waterview Connection, Victoria Park Tunnel, Penlink, Waikato Expressway, Ngaruawahia and Te Rapa By-passes, Tamahere East-West Link, Southern Links, Mackays to Peka Peka, Christchurch Southern Motorway Stage 2, and Auckland's Unitary Plan. He is a regular witness in the

Environment Court and has appeared before a number of Boards of Inquiry including as the Boards' expert.

Justine Bray

Justine is a Planner with over 30 years' experience in local government and consultancy and is a long -standing Full Member of the New Zealand Planning Institute. Throughout her career she has managed significant planning projects for Ministers of the Crown, including the role of Expert Witness in the Environment Court. Her current roles include preparing notices of requirements, 'roll overs' of designations from operatives plans and outline plans for development proposals on existing designations.

Kate McArthur

Kate McArthur is an independent consultant with 20 years of experience in water resource management. She has a background in freshwater ecology and natural resource management and has worked as a senior scientist for regional councils. She has a deep interest in tangata whenua relationships with water and the environment and works with iwi Māori to develop water frameworks and cultural assessment tools.

With extensive experience as an expert witness in resource consent, council, and Environment Court hearings, Kate can assist councils, stakeholders and tangata whenua with freshwater matters in any forum. Kate has provided expert advice for twelve regional and unitary plan processes across Aotearoa New Zealand and has facilitated tangata whenua and community engagement in plan development.

Kate is President of the New Zealand Freshwater Sciences Society, a member of the Resource Management Law Association, and leads national education programmes in freshwater science and policy.

Kate has worked at the national level representing tangata whenua and stakeholder interests in development of the National Policy Statement for Freshwater Management and has been appointed by the Minister for the Environment as a Freshwater Commissioner. Kate is also an experienced and accredited RMA Hearings Commissioner with Chair endorsement. She is a guest lecturer in environmental science, resource management practice, and water policy at Massey and Canterbury Universities.

Luke Hinchey

Luke advises private and public clients on the resource management and environmental aspects of projects, litigation and mergers & acquisitions. He has advised on property subdivision and development, district and regional planning processes and public works and land acquisition in industrial, energy, infrastructure, and waste management matters.

Nigel Mark-Brown

Nigel Mark-Brown is a consulting engineer specialising in the environmental effects of development and associated discharges of contaminants to ground and surface water. He is also experienced in stormwater and flood management and in surface and groundwater resource management. Nigel has prepared assessments of environmental effects for a range of proposed developments and urban infrastructure projects. He has completed the Making Good Decisions training for resource consent hearing commissioners and has been a commissioner for a large number of resource consent hearings including for stormwater disposal, flood management and wastewater treatment and disposal.

William Koopu

William Koopu is from Te Whānau-a-Apanui and brings a lifetime of lived experience in working with Māori development especially in relation to kaupapa on whenua and wai. He was raised in the Bay of Plenty and has worked for organisations such as the Māori Land Court and the Department of Māori Affairs. He is currently a trustee on a Māori land block and brings this experience to the delivery of the Planning for Māori Values workshops.

Register here www.planning.org.nz

