

Queenstown Earthworks Field Day 2024 Programme



**Kia ora and welcome to the first
Central Otago Earthworks Field Day,
brought to you by the Otago Regional Council
and the International Erosion Control Association.**

This programme includes information about the day and introduces our speakers.



Otago
Regional
Council



9.45am – 10.15am

Welcome & programme overview

Begin the day with a health and safety briefing and a quick overview of the day. Grab a coffee from the café or help yourself to complimentary tea, coffee, water, or juice and take the time to have a look around all the exhibitors and mingle.



10.15am

Otago Regional Council – What are we working towards?

Georgia Simmonds – Senior Environmental Officer, Otago Regional Council

Why did we organise today? What are our goals? Georgia is going to briefly cover what we are up to at the Otago Regional Council and point out a few of the key issues that the team look out for.



10.30am

ESC over the decades – Where are we at?

Gregor McLean – Director, Southern Skies Environmental

Gregor has over 26 years' experience in environmental management, gained from both council and consultancy work. He is a recognised expert and certified professional in erosion and sediment control. Gregor provides IECA Approved ESC Training throughout New Zealand. He has co-authored the Erosion and Sediment Control Guidelines for State Highway Infrastructure for the New Zealand Transport Agency (August 2010), Scientific basis for Erosion and Sediment Control practices in New Zealand for Tasman District Council (2016) and was a contributing author of the guideline document 2016/005, known more commonly as GD05.



11am

Queenstown Lakes District Monitoring and Enforcement

Sam de Reeper & Ashlin Woodley - Monitoring, Enforcement & Environmental Officers, Queenstown Lakes District Council

Sam and Ash are part of Queenstown Lakes District Council's Monitoring and Enforcement team. Their roles include administering the provisions in the Resource Management Act 1991, Building Act 2004, Local Government Act 1974 and many more pieces of legislation. They will cover the legislative framework behind the work they undertake within the environmental space, and some common issues they see on site.



11.20am

The International Erosion Control Association

Joe Johnson - Vice President - Australasian Chapter, IECA

Currently on the Board of Directors and Vice President for the IECA Australasian Chapter, Joe originally started as a Territory Manager for PGG Wrightson Turf where he became a specialist in hydraulically applied erosion control products. Joe's key focus and passion is around the environmental sector where he has worked closely with the likes of CERA (Canterbury Earthquake Recovery Authority) and provided specialist advice on revegetation and erosion control. This led to the specifications of new hydraulically applied technologies for revegetation in difficult terrains in the Christchurch earthquake reclamation work.



11.35am – 12.15pm

Lunch

Take a break and enjoy a BBQ lunch kindly sponsored by Evergreen Landcare. This is also a terrific opportunity to visit our exhibitors.



12.15pm

Marshlands Bridge environmental challenges

**Dathan Proudlove - Head of Environment & Sustainability (TREC),
Downer NZ**

Bringing with him a wealth of experience, Dathan has been able to take time out of his busy schedule to speak about the challenges that were faced by his team during the Marshlands Bridge upgrade in Christchurch. Dathan has 12 years of environmental management experience and has worked on the Christchurch Earthquake Rebuild, along with a number of other construction projects valued from 10 million to 200+ million dollars within New Zealand.



12.50pm

Earthworks and the weather – How can we better prepare?

**Stephanie Kirk - Environmental Manager, Takitimu North Link,
HEB Construction**

Stephanie Kirk has spent almost 10 years in the environmental, earthworks, and erosion and sediment control space. Working for councils, clients, and contractors, she has seen all sides of the earthwork's regulatory framework, from planning to on the ground implementation. Stephanie is currently the Environmental Manager for the \$655 million-dollar large-scale infrastructure roading project, Takitimu North Link, in Tauranga.

With the wettest earthworks season on record in Tauranga last year, Stephanie will be talking about the challenges of working on a large earthworks project with record breaking rainfall, and the innovative weather forecasting software her team has been using from NIWA. Stephanie's work with NIWA was an earthworks industry first and this project won the International Erosion Control Association Australasia's award for 'Innovation, contribution and collaboration to the Erosion and Sediment Control industry'.

She will outline how their erosion and sediment controls have stood up to the test, highlight some of the tough challenges they have face along the way, and explain how they have remained on side with the regulatory authorities throughout the process.



1.25pm

Trials and tribulations of erosion and sediment control in an alpine environment

**Quinn McIntyre - Director/Principal Environmental Consultant,
Enviroscope**

Quinn is a Certified Environmental Practitioner with extensive experience of construction environmental management over a range of different industries in New Zealand and Australia including land development, road and rail, oil and gas, natural disaster recovery, tourism, and industrial.

He has worked as an environmental and resource management consultant for global, national and small-sized consultancies and has held senior leadership positions in the Queenstown Lakes District Council's resource consents team. He established Enviroscope in 2021 and, along with his team, services a varied client base in the Central Otago and Lakes District areas.

Brief refreshment break



2pm

Environmental management at the Eastern Busway Alliance
Alex Bees - Environmental Lead - Eastern Busway Alliance,
Fletcher Construction

Alex is an Environmental Lead with Fletcher Construction who is currently working with the Eastern Busway Alliance in Auckland. This complex infrastructure project has given him experience managing environmental compliance and implementing best practice. He has also worked in regulatory roles with both environmental consultancies and infrastructure constructors.



2.30pm

Innovative ways to treat construction phase stormwater
run-off on a steep hillside without building an SRP

Blair Gray - Principal Environmental Consultant, EnviroCo Ltd

Blair has gained a wealth of experience and expertise in environmental consultancy and management over his two-decade-long career. After completing his MSc. in Marine Science, Blair started out working in various aquaculture roles. He followed on as a Senior Resource Management Officer at Environment Canterbury, providing training and guidance to staff in resource consent compliance as well as stormwater and erosion sediment controls.

Ten years ago, Blair embarked on a new chapter, establishing Environmental Compliance Services Limited t/a EnviroCo. Here, Blair leads a team of environmental consultants, specialising in various fields.

Blair has obtained the internationally recognised qualification of CPESC as well as CEnvP. He continues to research and innovate more refined ways to treat construction phase stormwater run-off with a view to minimise adverse environmental effects while maximising progress and development.

3pm - 4pm

End of programme

Last words from our organisers and an opportunity to chat with exhibitors.

