

From Geek to Hard Hats

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RIMS Purpose



To provide leadership and strategic advice to the New Zealand road management industry on best practice, asset management systems and tools for roads.

RIMS Past Activities



1990s Development of RAMM

1999-2008 Development of dTIMS

2008 Focus on Roading Asset
 Management projects

Therefore RIMS' main focus now is to provide tools in road management – started with converting research into practical, understandable guides

Current Members



- Gordon Hart
- Peter Scott
- Jim McQueen
- Peter Thompson
- Matthew Rodwell
- Vaughan McEwan
- Simon Gough
- Tony Lange

NZTA (Chair)

Auckland Transport

Dunedin City Council

Marlborough District

Hastings District Council

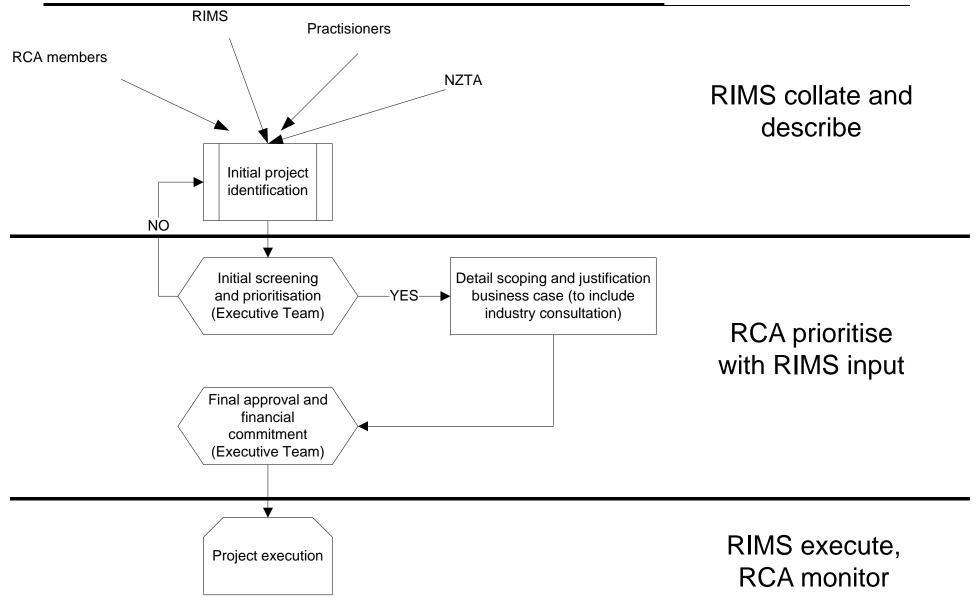
Wellington City Council

Whangarei District

NZTA

Partnership with RCA





The Body of Knowledge



- Body of Knowledge to be the main vehicle of disseminating tools based on research outcomes
- Hard folder or Web-document
- First chapters
 - High Speed Data Collector Guideline
 - Risk Management for Roading Activities
 - Maintenance Cost Framework

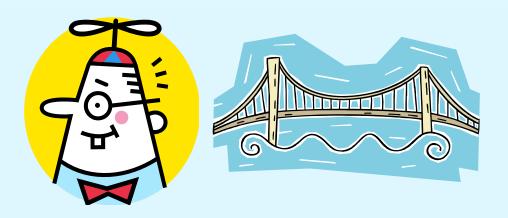
This Year's Projects



- Good Practice Guide for Roading Asset
 Management
- Road Asset Management Information
 Systems Good practice Guide
- Good Practice Guidelines for Data Collection and Monitoring of Road Bridges
- Guidelines for Pavement Strength Testing

The University of Auckland: Core Messages







- Increasing research capacity
- Decreasing funding availability
- Different drivers at University \$\$ are not always the issue

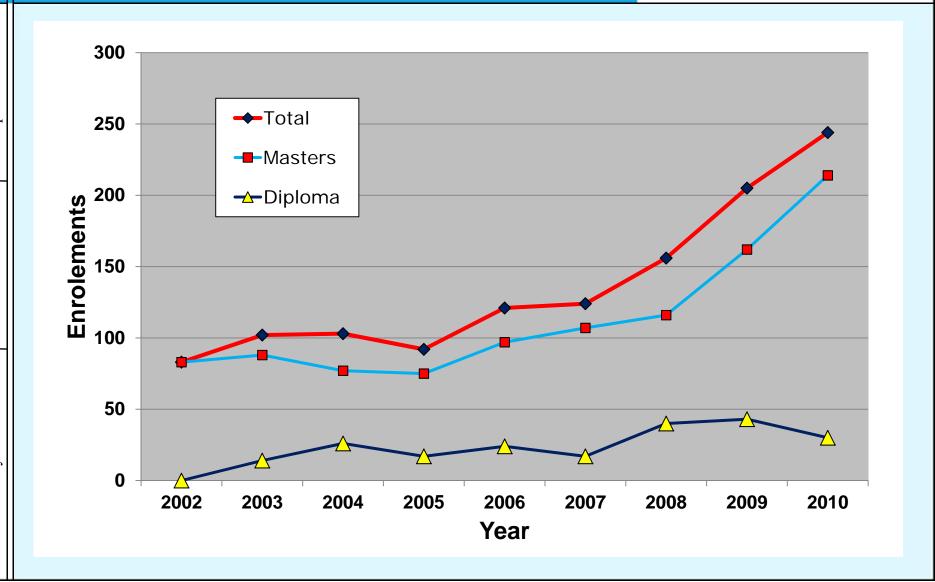
Student Enrolments on Transportation





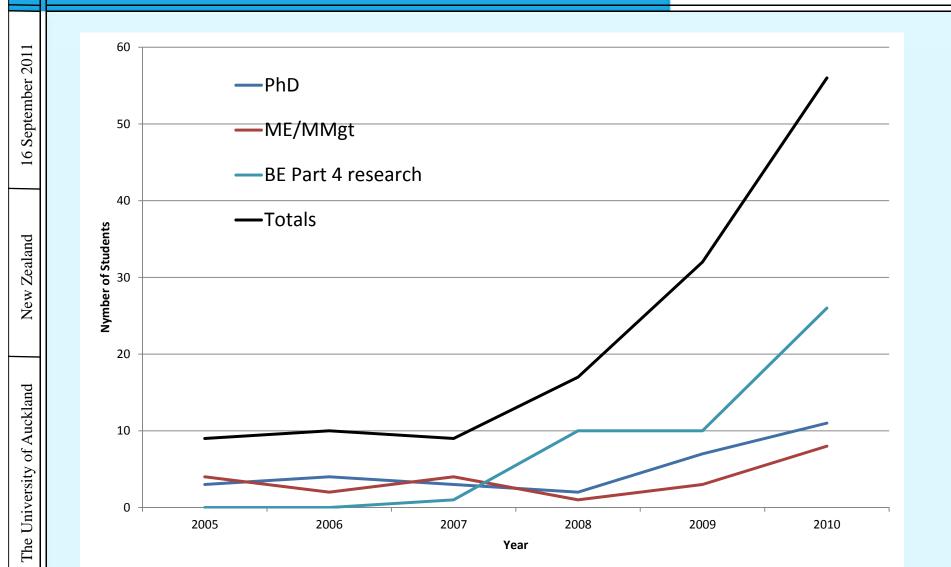
New Zealand

The University of Auckland



Research Students (5 1/2 Staff)





There is a high-level, co-ordinated strategic approach



Centre for Infrastructure Research

The Centre for Infrastructure Research (CIR) has been established to adopt a multi-disciplinary approach to support government and industry with infrastructure research and evidence-based decision-making.

Transportation Research Centre

Our vision is to be an international leader in transportation engineering research, by developing best practice in the planning, design, construction, maintenance and operation of transport systems

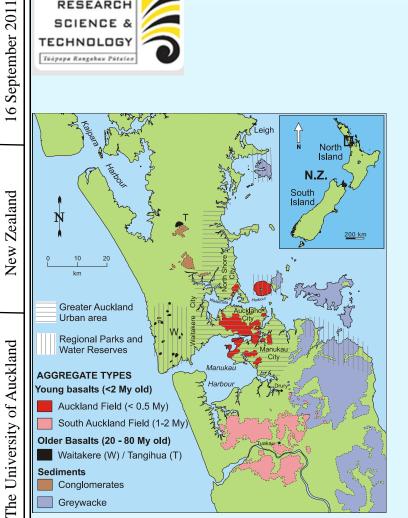
Achieving Sustainability through use of Marginal Aggregates

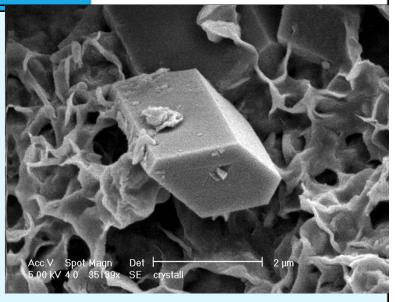




Sediments

Conglomerates Greywacke







Road Performance LTPP and CAPTIF

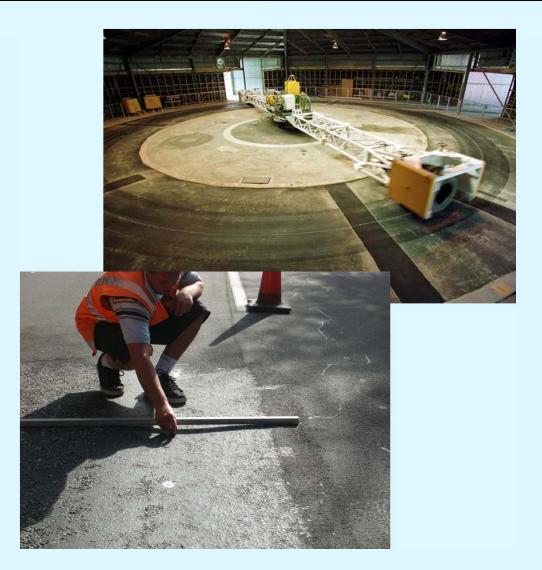


September 2011

New Zealand

The University of Auckland











Skid Resistance and Road Safety







The GripTester

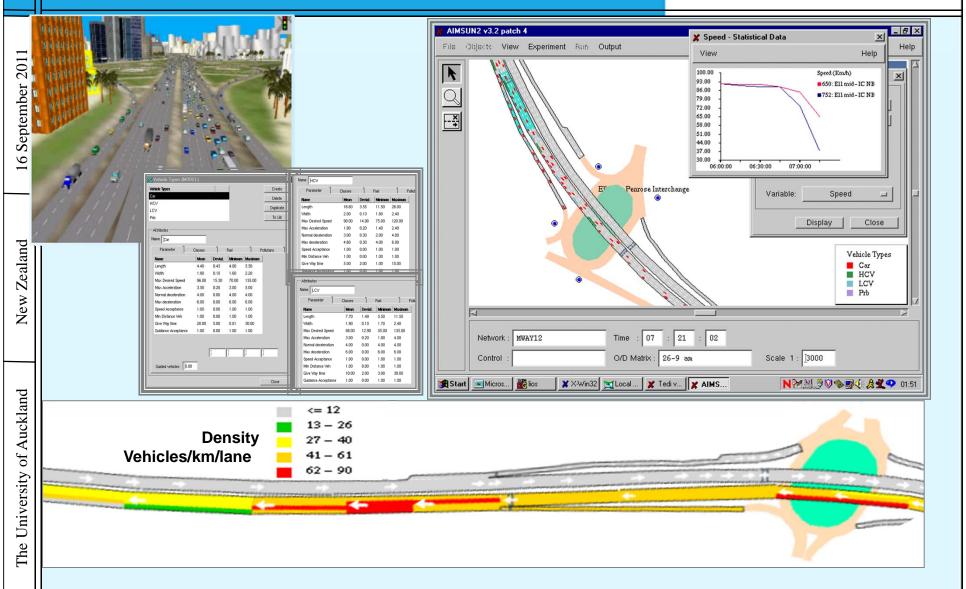




Northland Skid Testing Sites

Modeling and Simulation of Traffic









The University of