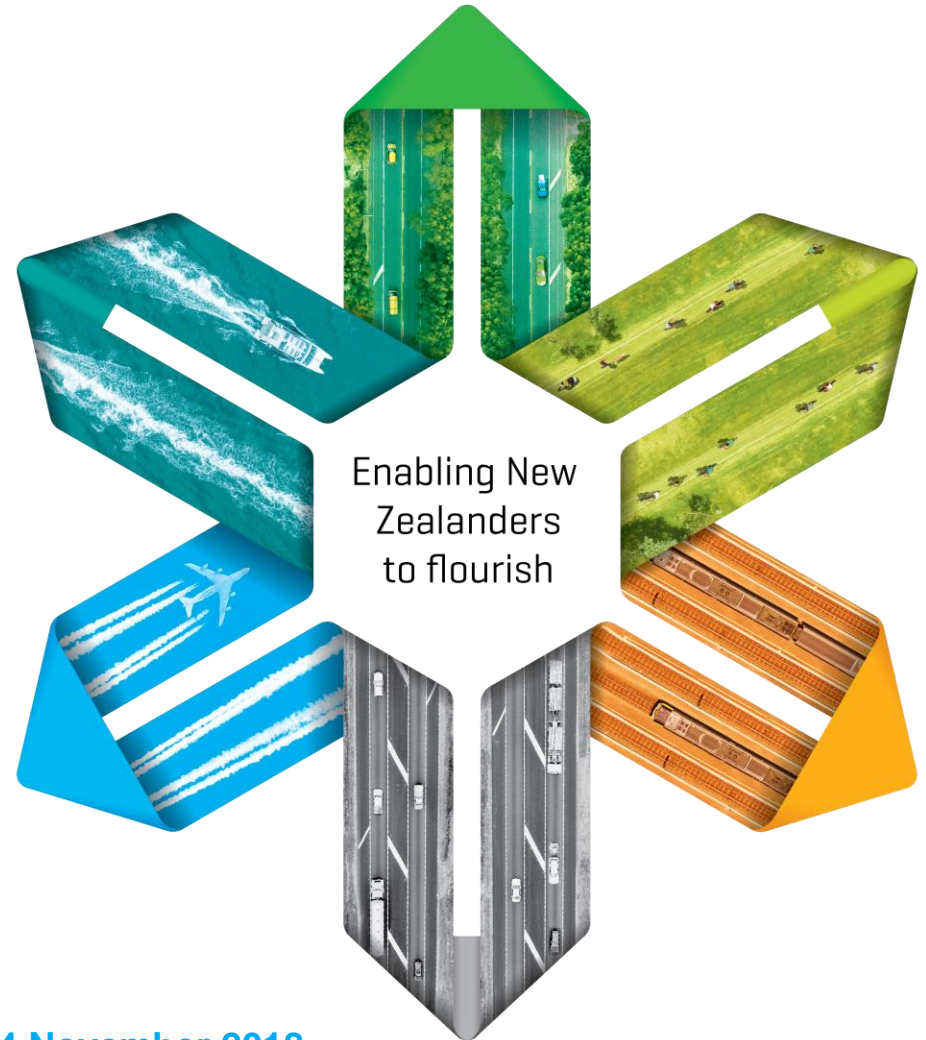


Simon Says! The role of the Chief Science Advisor

Simon Kingham
Kaitohutohu Matua Pūtaiao | Chief
Science Adviser



Transport Research Colloquium, Wellington, 14 November 2018



Ahorangi | Professor Simon Kingham

Kaihautū, Te Taiwhenua o te Hauora | Director, Geohealth Laboratory

Tari Mātai Matawhenua | Dept of Geography

Te Whare Wānanga o Waitaha | University of Canterbury

Teaching and research interests

- ▶ Impact of the urban environment on individual and community health and wellbeing.
 - ▶ *Transport*
 - ▶ *Public health*
 - ▶ *Strong community engagement/end user focus.*
 - ▶ *Geospatial science*

Kaitohutohu Matua Pūtaiao, MoT



Kaitohutohu Matua Pūtaiao | Chief Science Advisor
Te Manatū Waka | Ministry of Transport

2 days a week

- ▶ Usually Tuesday and Wednesday

Purpose

- ▶ provide advice to the Ministry on areas that would benefit from scientific input
- ▶ champions the Ministry's use of evidence throughout the policy process and its development of wider sector strategies.

Science Advisory Board



Office of the Prime Minister's Chief Science Advisor
Kaitohutohu Mātanga Pūtaiao Matua ki te Pirimia



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The Departmental Science Advisory Network He Rauhinga Tohu Putaiao

Prof Richie Poulton - Ministry of Social Development



Prof Hamish Spencer - Ministry of Business, Innovation and
Employment



Hema Sridhar - Ministry of Defence



Dr Alison Collins - Ministry for the Environment



Prof Ian Lambie - Justice Sector



John Roche - Ministry of Primary Industries



Prof Simon Kingham



Dr John Potter - Ministry of Health



Prof Ken Hughey - Department of Conservation



Vince Galvin - Statistics New Zealand



Dr Rob Murdoch - Ministry of Business, Innovation and Employment



Prof Stuart McNaughton - Ministry of Education



Prof Gary Evans - Ministry of Business, Innovation and Employment

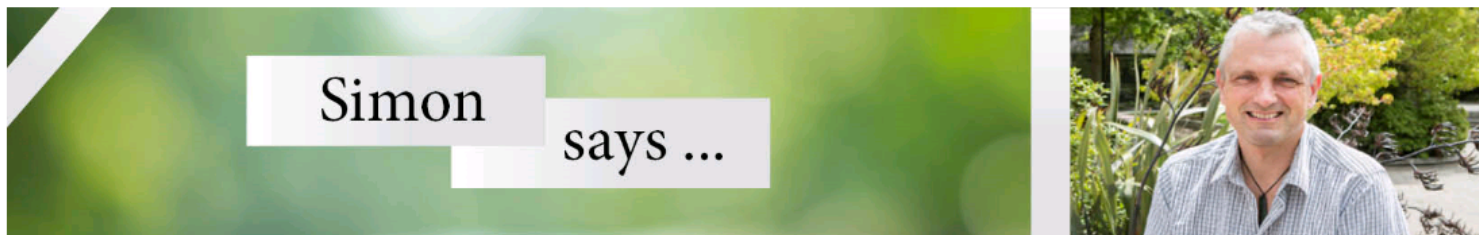


Research dissemination



Simon says

Simon Kingham is the Ministry's Chief Science Adviser and highlights interesting transport research in this weekly column.



Simon Says 26: Are people who already cycle and walk more responsive to an active travel intervention?

w/c: 17th September 2018

Paper: Keall M, Chapman R, Shaw C, Abrahamse W and Howden-Chapman P, 2018, Are people who already cycle and walk more responsive to an active travel intervention? Journal of Transport & Health,

Comment/Summary:

This study was part of an evaluation of the NZs Model Communities Programme. It aimed to see who (in relation to pre-existing physical activity levels) benefited most from a programme that sought to shift that people already reporting some physical activity in terms of walking and cycling were significantly (24 times) more likely to increase their active travel compared to those who did not report any cycling to achieve "maximum benefit to population health, interventions need to consider physically inactive people in particular and encourage active travel amongst this group".

Overall, the main message is that transport interventions designed to increase physical activity may have a much larger effect on people who are already active.

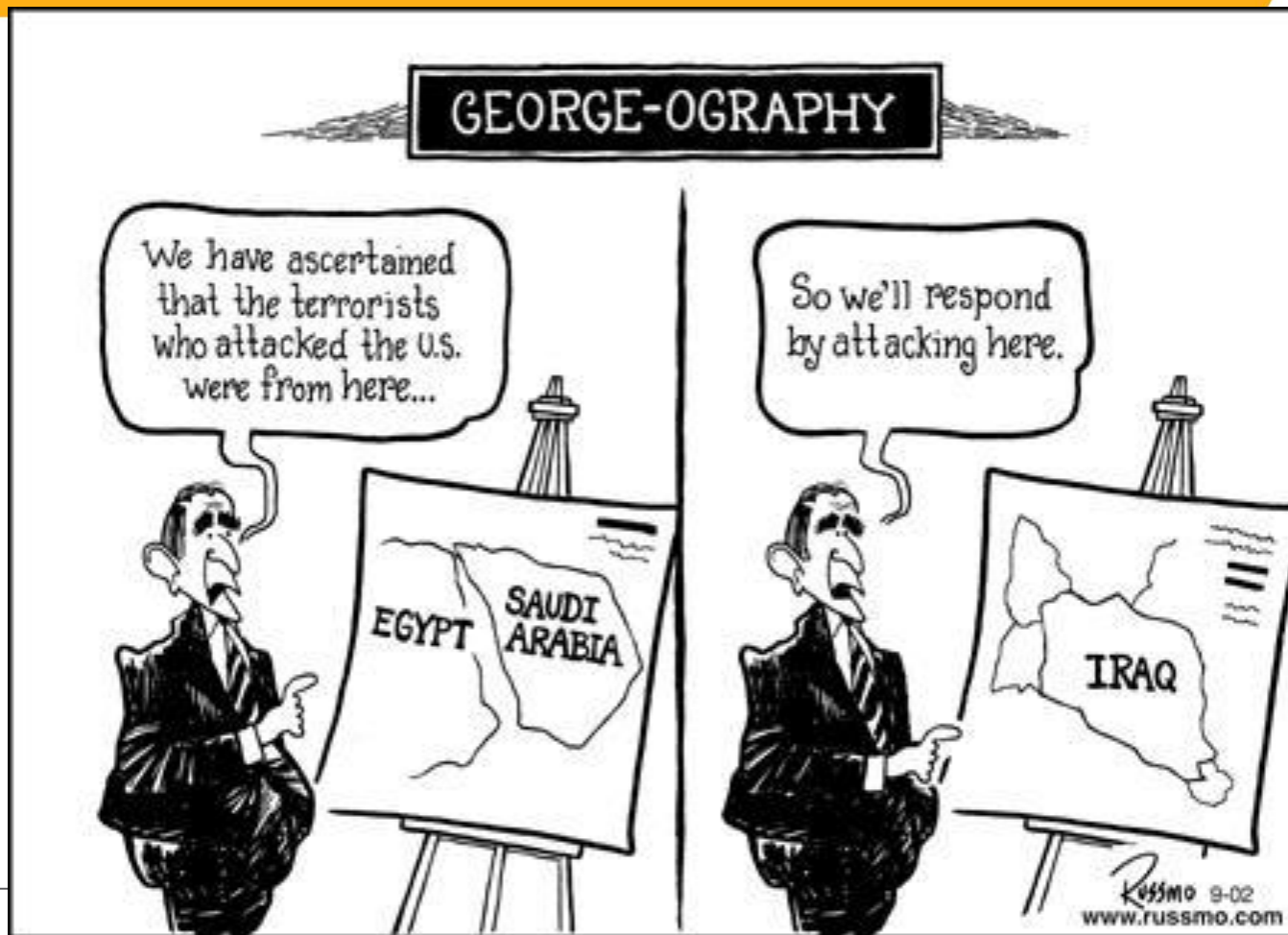
Simon Says 25: Assessing the economic benefits and resilience of complete streets in Orlando

w/c: 10th September 2018

Paper: Yu C-Y, Xu M, Towne S, Iman S, 2018, Assessing the economic benefits and resilience of complete streets in Orlando, FL: A natural experimental design approach. Journal of Transport & Health 8, 1

Comment/Summary:

Evidence based policy



Independent advice



"WHILE DOING THE RESEARCH, KEEP IN MIND THERE ARE ONLY TWO KINDS OF FACTS... THOSE THAT SUPPORT MY POSITION... AND INCONCLUSIVE."



Link policy makers with research(ers)



Policy makers and researchers



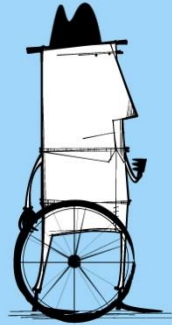
Researchers



Policy makers



ERRR...



**CAN'T STOP.
TOO BUSY!!**



Research meets and informs policy



Outcome

Evidence based policy