
Editorial Committee Report 2012

New Zealand Science Review is the official journal of NZAS and its most conspicuous public voice. Within the New Zealand science and innovation sector, the *Review* serves as an independent forum for the exchange of views on science and science policy.

NZAS is committed to the production of four issues of *New Zealand Science Review* per annum and has managed to accomplish this in the 2011/12 year. Accordingly, the NZAS membership has been able to enjoy a high quality diet of interesting articles on diverse science topics, plus thought provoking and stimulating commentary with particular emphasis on matters of science policy.

The editorial subcommittee currently comprises Hamish Campbell (chair), John Clare, Mike Berridge, and Allen Petrey (Editor).

The content of the 2011/12 issues of *New Zealand Science Review* is summarised as follows:

First issue – Vol. 68(4), 2011

This issue commenced with an article describing the statistical modelling and analysis of NCEA and New Zealand Scholarship assessments by Michael Johnston and David Lillis (Victoria University of Wellington and NZQA, respectively).

This was followed by a discussion paper on the implementation of a tax and one hundred per cent dividend scheme as a means for New Zealand to address greenhouse gas emissions by Laura E. Revell (NIWA). Then a survey report on gender equality in New Zealand science: A 2011 snapshot by Belinda Bray and Emma Timewell (Association of Women in the Sciences (NZ)).

The issue concluded with NZAS 70th Annual Report and the Association's Awards for 2011, amid statements of financial position and performance for the year ending 31 July 2011.

Second issue – Vol. 69(1), 2012

This issue carried the rediscovered lecture notes, made by John Eccles, of five lectures (and two informal talks) given by Karl Popper during a visit to the University of Otago in May 1945. Thus, with a world-leading philosopher of science and an eventual Nobel Prize winner, we have in one set of notes an important part of the history of early high-level research in New Zealand.

As a bonus to this remarkable publishing event, Professor David Penny (Massey University), who was instrumental in preparing the notes for publication, provided an introduction to the lecture series, outlining the careers of Popper and Eccles and their connection with New Zealand.

The series, entitled 'Principles of the scientific method', consisted of: Lecture 1. The hypothetico-deductive method; Lecture 2. Testing of theories; Lecture 3. Objectivity and

measurement; Lecture 4. Probability; Lecture 5. Organisation of science; Lecture 6. Principle of indeterminacy; Lecture 7. Atomic theory and biology.

Also in this issue were the following articles: 'From competition to collaboration: Challenges for New Zealand science' by David Penman, Andrew Pearce (both Consultants), and Missy Morton (University of Canterbury); and 'Nurturing genius: the childhood and youth of Kelvin and Maxwell' by John Lekner (Victoria University of Wellington). The issue concluded with an obituary for Sir Paul Callaghan.

Third issue – Vol. 69(2), 2012

This issue commenced with an article entitled, 'Trapped in the postdoctoral void: Lack of postdoctoral opportunities in New Zealand forces emerging researchers to exit science or seek employment overseas' by Melanie Massaro, Krithika Yogeewaran (both from Canterbury University), and Amanda Black (Lincoln University).

Then followed 'Completion of a new national geological map series – the QMAP project' in which Mark Rattenbury (GNS Science) highlighted the value of ongoing Public Good Science funding for such a major and long-running task.

Also in this issue was an opinion piece, 'Patents and innovation: Why is government policy for one so badly out of alignment with the other?' by Doug Calhoun (Consultant). The issue concluded with an Obituary for Dr Louise Ryan, an NZAS stalwart and long-time Association Treasurer.

Fourth issue – Vol. 69(3), 2012

The final issue for the 12-month period commenced with 'Stratus as a voice, guide and ambassador for emerging scientists at the University of Auckland' by Debbie L. Hay, John Cater, and Duncan J. McGillivray (Auckland University). Then followed two articles, 'A quarter century of astrophysics with Japan' by Philip Yock (Auckland University) and 'The road to Durban and beyond: The progress of international climate change negotiations' by Adrian Macey (Victoria University of Wellington).

It also contained two short opinion papers, 'Lets all be good!' by William Tobin and 'Peak Oil' by David Bennett. The issue concluded with an *in memoriam* for past members Philip Alve, Andrew Pullan, Bruce Thompson, and Gregor Yeates.

In conclusion, NZAS is fulfilling its obligations and responsibilities to its membership with respect to *New Zealand Science Review*. I thank fellow members of the editorial committee and editor Allen Petrey and production editor Geoff Gregory.

Hamish Campbell
Chair
Editorial Committee