Committee:	National Committee for Mathematical Sciences
Period covered:	1 July 2013 – 31 December 2014
Chair:	Professor Nalini Joshi FAA
Version and date:	EXCOM approved

Purpose / context	1. To connect the Academy to science and scientists in Australia; 2. To link the Academy to Australian scientific societies in order to work together to promote the development of the discipline; 3. To link Australian science in the disciplines to world science, in particular through the membership of appropriate international organisations; 4. To ensure that Australia has a voice and a role in the global development of the disciplines; 5. To provide strategic science policy advice, to the Academy, as input to Academy science policy statements, and (with the approval of the Executive Committee of Council) to the Australian Government and Australian organisations; 6. To produce a decadal plan for mathematical sciences in Australia; 7. To identify and nominate the Australian attendee to the Heidelberg Laureate Forum.
Description and objectives	*(Description, purpose and benefits of the National Committee)* The NC Mathematical Sciences is a committee of the Council of the Australian Academy of Science. The broad aims of the committee are to foster mathematical sciences in Australia, to link the Academy to Australian mathematical scientists and relevant societies, and to serve as a link between Australian and overseas mathematical scientists, for example through the International Mathematical Union (IMU) and the International Commission on Mathematical Instruction (ICMI).
Coverage	*(To be informed by the report of the Review Committee, with others as necessary)* Pure mathematics, applied mathematics, numerical and computational mathematics, statistics, mathematical physics, computation theory and mathematics, mathematics numeracy and pedagogy, the history and philosophy of mathematics and other mathematical sciences.
Linked international organisation	• International Mathematical Union (IMU) • International Commission on Mathematical Instruction (ICMI)

Key connected organisations	*(List international unions, Australian scientific societies, other national committees, etc)* **Links to other National Committees:** Physics, Astronomy, Mechanical and Engineering Sciences, Materials Science, Earth System Science and Information and Communication Sciences. **Australian Societies and Organisations:** Australian Association of Mathematics Teachers, Australian Council of Heads of Mathematical Sciences, Australian Mathematical Society, Australian and New Zealand Industrial and Applied Mathematics, Australian Society for Operations Research, Australian Mathematical Sciences Institute, Australian Mathematics Trust, Mathematics Education Research Group of Australasia Incorporated, Statistical Society of Australia Incorporated. **International Organisations:** International Mathematical Union (IMU), International Commission on Mathematical Instruction (ICMI), International Council for Industrial and Applied Mathematics (ICIAM), Institute of Mathematical Statistics (IMS).
Key outcomes	*(Activities and projects. In addition, reference should be made to:* • *communication and interactions with various parties, with suggestions on how this can be done; and* • *obtaining resources to assist with outcomes and with international subscriptions.* *Please refer to the report of the Review Committee.)* 1. Approved committees structure and membership (annual); 2. Approved annual report (annual); 3. Preparing and finalising the first decadal plan for the mathematical sciences in Australia, "Investing in the Future of Mathematical Sciences". 4. Engagement with Australian mathematical scientists by contributing news items to society publications, and seeking opportunities to discuss NC activities at general meetings of societies; 5. Engagement with relevant Australian societies and organisations, including inviting representatives of relevant societies as observers to NC meetings, and seeking opportunities to provide a regular statement on NC activities to such organisations; 6. Engagement with relevant national committees on issues of common interest; 7. Contributions to national policy development in the mathematical sciences and communication of the importance of the mathematical sciences as an enabling discipline, in collaboration with relevant societies and organizations and the Council and Executive Committee of the Academy;

	8. Engagement with IMU, ICMI and other international organisations, including nomination of members of IMU and ICMI committees, delegates at IMU and ICMI General Assemblies and consultation with Australian members of Commissions, Working Groups, Committees and Councils; 9. Identification of the Heidelberg Laureate Forum attendee (annual) and identification of funding to support attendance; 10. Obtaining financial and other resources to assist in the delivery of its activities, including contributions to the Australian subscriptions to International Organisations.
Indicative budget	*($3000 provided per annum / $2500 per ISU meeting. Include all other activities.)* 1. $3000 per annum for meetings provided by AAS 2. Up to $2500 provided by AAS to support attendance at international meetings of • IMU (2014) • ICMI (2016) 3. Funding of $130K has been raised for the process of preparing the first Decadal Plan in the Mathematical Sciences. 4. Half the cost of the IMU membership subscription has been raised through the Australian Mathematical Sciences Institute.
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Approved by / date	