



THE AUSTRALIAN NATIONAL UNIVERSITY

MANAGING THE LINKS BETWEEN ENERGY AND WATER FOR A SUSTAINABLE FUTURE: An international R&D initiative

An international research initiative

- Climate change *in addition to* population growth and economic development is exacerbating the energy-water nexus.
- In existing policy frameworks – regional, national & international - energy and water policies are developed largely in isolation from one another.
- This collaborative, international research initiative aims to develop an integrated approach to achieve both sustainable water management and energy security.

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The COST-ANU Exploratory Workshops

- Bring together country-wide research projects in Australia, the USA, Singapore, Israel, China & Brazil, and the EU, as well as issue-specific research findings from all continents.
- Through two workshops in 2009, a comprehensive, policy-oriented R&D agenda will be produced in preparation for the World Water Forum, Istanbul & COP15, Copenhagen.
- The initiative is driven by four key questions.....

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Research Questions

1. What are the implications of the energy-water nexus for the development of (i) energy policies (ii) integrated water resource management and (iii) climate adaptation and mitigation policies?
2. What opportunities and challenges does the development of new technologies pose to the energy-water nexus?
3. Which institutions (local, regional, national, international) need to consider the energy-water nexus in their policymaking?

And, ultimately...

4. How can the challenges and inherent trade-offs posed by the energy-water nexus best be integrated into policy and management decision-making processes, and using what tools?

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How to get involved

- 'COST'-ANU Exploratory Workshop
19-21 January 2009, Brussels

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