

INTRODUCTORY STATEMENT/ INVITATION TO COMMENT

The following is a list (by no means exhaustive) of national initiatives/organizations currently contributing to the discourse on adaptation strategies for climate change in the context of the Australian landscape. It is intended as a starting point for discussion amongst members of the profession on some of the issues under consideration in this field, including current strategic directions. Contributions from members are welcomed, both in terms of additional resources not yet identified, and/or comments on particular relevance/applicability of initiatives to future directions for Landscape Architects in this area.

(NATIONAL INITIATIVES/ORGANIZATIONS):

- **ANU/ AUSTRALIAN ACADEMY OF SCIENCE**

<http://nceph.anu.edu.au/Fenner2006/papers.htm>

Urbanism, Environment & Health – Fenner Conference 2006

Conference on the physical and social environments in Australia's cities, and consequences for population health. (Link to further papers in CSIRO section below).

- **AUSTRALIAN GREEN INFRASTRUCTURE COUNCIL**

<http://www.agic.net.au>

AGIC is a company formed by a group of industry professionals from engineering, environmental, planning, legal, financial and construction backgrounds working in both private and public organizations related to infrastructure. They are currently working on developing a rating scheme/tool to assess the sustainability of infrastructure in the built environment.

- **AUSTRALIAN INSTITUTE OF ARCHITECTS**

<http://www.architecture.com.au/index.html>

Peak professional body for the architecture profession in Australia.

Metropolis Congress 2008, 22 - 25 October 2008, Sydney

www.metropoliscongress2008.com

International congress on sustainable growth strategies for cities - 'connecting cities'.

- **THE AUSTRALIAN GARDEN HISTORY SOCIETY**

<http://www.gardenhistorysociety.org.au/>

AGHS - The Australian Garden History Society is concerned with the identification and conservation of significant cultural landscapes and historic gardens as part of Australia's heritage. The Society promotes knowledge of historic gardens and research into their history.

- **AUSTRALIAN INSTITUTE OF LANDSCAPE ARCHITECTS**
<http://www.aila.org.au/>

Peak professional body for the landscape architecture profession in Australia.

Urban Tree Charter (in development)

Principles for management and planting of urban trees. Ref. guiding principles behind charter (*Ethics and Values – pg.11*). Also section 14 on restoration and replanting – setting ecological and climate change targets (pg.27)

The Australian Landscape Charter (2007)

Set of landscape principles and actions for Australian Registered Landscape Architects – framework guidelines for Landscape Principles currently under development.

2009 National Conference – 7th-9th May, 2009

“Shifting Perspective and Practice” – (how Landscape Architects are adapting and responding to the implications of climate change and population growth).

Canberra Garden

<http://www.canberragarden.com/default.htm>

Factsheet & casestudies on Canberra Gardens – illustrating how to improve sustainability in the domestic garden, including adaptive responses to climate change.

Environment Policies (1993)

Series of policies on a range of environmental issues for members of AILA (currently under review)

- **AUSTRALIAN INSTITUTE OF LANDSCAPE DESIGNERS & MANAGERS**

<http://landscapechallenge.com.au/about/>

Global Warming – The Landscape Challenge

A series of seminars for all enterprises affiliated with Landscape, Horticulture and Architecture designed to raise awareness of global warming and its impact on our work and work practices.

- **AUSTRALIAN INSTITUTE OF HORTICULTURE**

<http://www.aih.org.au/>

The Australian Institute of Horticulture is an incorporated association of professional horticulturists, involved with research, advocacy and education for best practice and professional development within the horticulture industry.

- **AUSTRALIAN SUSTAINABLE BUILT ENVIRONMENT COUNCIL (ASBEC)**

<http://www.asbec.asn.au/>

Peak body of key organisations committed to a sustainable built environment in Australia.

- **BUILT ENVIRONMENT DESIGN PROFESSIONS (BEDP)**

<http://www.bedp.asn.au/>

The Australian Council of Built Environment Design Professions is the peak organisation representing over 96,000 architects, engineers, landscape architects, lighting designers, planners, and quantity surveyors throughout Australia.

- **CLIMATE ACTION NETWORK AUSTRALIA (CANA)**

<http://www.cana.net.au>

Climate Action Network Australia (CANA) is an alliance of over 50 regional, state and national environmental, health, community development, and research groups from throughout Australia. CANA was formed in 1998 to be the Australian branch of the global CAN network, with representative groups in over 70 nations.

- **CSIRO**

Climate Adaptation Flagship

<http://www.csiro.au/org/ClimateAdaptationFlagship.html>

Major CSIRO research program, designed to boost Australia's ability to adapt to the impacts of climate change.

CSIRO/BOM Centre for Australian Weather and Climate Research

<http://www.csiro.au/science/pswa.html>

By 2009, CSIRO and the Australian Bureau of Meteorology (BoM) aim to have completed an internationally-leading framework that will simulate and visualise processes in the Earth's climate system. It aims to provide Australia with the next generation capability for diagnosing, analysing and forecasting Australia's climate sensitive natural resource systems.

Fenner Conference 2006 – Published papers (NSW Health Bulletin)

<http://www.publish.csiro.au/nid/227/issue/4090.htm>

<http://www.publish.csiro.au/nid/227/issue/4093.htm>

Papers from the Fenner Conference 2006 - focusing on the physical and social environments in Australia's cities, and consequences for population health.

Reshaping Cities for a More Sustainable Future

<http://www.csiro.au/science/psaq.html>

Research study - CSIRO scientists examined six urban development models to evaluate their impact on a city's air quality and the exposure of its population to harmful pollutants.

Understanding Healthy Urban Systems (CSIRO-NCEPH Collaboration)

<http://www.csiro.au/partnerships/HealthyUrbanSystems.html>

This long-term collaborative research program aims to build an interdisciplinary perspective on population health in urban environments, thus contributing to public health and urban planning policy and practice.

Understanding Urban Ecosystems

<http://www.csiro.au/science/UrbanEcology.html>

Research focusing on the ecology of the urban environment, (measuring and monitoring urban ecology) including a case study of Canberra as an example of an urban metabolism model.

Urban Systems Research Program

<http://www.csiro.au/science/UrbanSystems.html>

CSIRO's Urban Systems research program brings together multi-disciplinary teams to develop new technologies and approaches to promote more sustainable urban planning and design outcomes.

- **DEPARTMENT OF CLIMATE CHANGE**

<http://www.climatechange.gov.au/>

The Australian Greenhouse Office, part of the federal Department of the Environment and Heritage, delivers the majority of programmes under the Australian Government's \$1.8 billion climate change strategy.

- **DEPARTMENT OF THE ENVIRONMENT, WATER, HERITAGE & THE ARTS:**

National Strategy for the Conservation of Australia's Biological Diversity

<http://www.environment.gov.au/biodiversity/publications/strategy/goal.html#princ>

National strategic plan to protect biological diversity and maintain ecological processes and systems.

- **Your Home**

<http://www.yourhome.gov.au/>

Your Home is a suite of consumer and technical guide materials and tools developed to encourage the design, construction or renovation of homes to be comfortable, healthy and more environmentally sustainable, including issues of landscape sustainability.

- **ENVIRONMENT INSTITUTE OF AUSTRALIA & NEW ZEALAND**

<http://www.eianz.org/>

National Conference – 30/31st October 2008

“Coming to the Rescue” – Environmental Practice in the 21st Century

(Climate Change, Sustainability, Water and Biodiversity)

Funding from Department of Climate Change

(As per AILA funding, to develop professional development education modules on adaptation strategies for climate change for environmental science practitioners)

- **GREEN BUILDING COUNCIL OF AUSTRALIA**

<http://www.gbca.org.au/green-star/>

Green Star

Green Star is a national voluntary environmental rating scheme that evaluates the environmental design and achievements of buildings, with the aim of identifying and encouraging more environmentally sustainable building practices.

- **INTERNATIONAL SOCIETY OF ARBORICULTURE (Aust. Chapter)**

<http://isaac.org.au/>

The ISAAC aims to promote professional practices in arboriculture, and foster awareness of the benefits of trees through research, technology and education.

- **LOCAL GOVT. TREE RESOURCES ASSOCIATION**

<http://www.lgtra.com/>

The LGTRA is dedicated to the ongoing development of a quality urban forestry industry by promoting best practice and contributing to the development of new standards and codes of practice. The association facilitates community awareness of trees by providing educational material for members and their Councils to use and to disseminate.

- **NATIONAL ARBORISTS ASSOCIATION OF AUSTRALIA**

<http://naaa.net.au/>

The National Arborists Association is a not-for-profit professional organisation dedicated to raising the standard of tree care and maintenance in Australia.

- **PLANNING INSTITUTE OF AUSTRALIA**

<http://www.planning.org.au/>

Healthy Spaces & Places (draft form)

The Healthy Spaces and Places project is developing a national planning guide and accompanying materials, addressing the relationship between people's health and the built environment. The project also aims to raise awareness of this cross-disciplinary area and to contribute to national policy setting. This is a draft for discussion purposes resulting from the project's scoping phase. It is a work in progress, (project collaborators are The Australian Local Government Association, the Heart Foundation and the Planning Institute of Australia).

PLANNING OFFICIALS GROUP (POG) – Australian Urban Design Protocol (in development)

The Planning Officials Group (POG) comprises heads of planning from State and Territory Governments as well as representatives from the Australian Government, New Zealand Government and the Australian Local Government Association. POG envisages that the Australian Urban Design Protocol could serve as a useful framework for the development or review of individual State/Territory Urban Design Charters, as well as contributing to the emerging national agenda on major cities and sustainable development.

- **URBAN DEVELOPMENT INSTITUTE OF AUSTRALIA – (UDIA QUEENSLAND)**

<http://www.envirodevelopment.com.au/>

Enviro Development

The UDIA is a federation of five state associations that aim to promote the urban development industry in achieving sustainable urban development. Enviro Development is a scientifically-based branding system designed to make it easier for purchasers to recognise and, thereby, select more environmentally sustainable homes and lifestyles.

EnviroDevelopment is designed to cover a broad spectrum of environmental and sustainability issues from the initial conceptual stages of development. There are six key elements of EnviroDevelopment: ecosystems, waste, energy, materials, water and community, (each with their own set of standards required for certification).

- **YOUR DEVELOPMENT - (CSIRO & DEWHA) (in development)**

<http://www.yourdevelopment.org/>

The Your Development project is a national project led by CSIRO in partnership with the Department of the Environment, Water, Heritage and the Arts (DEWHA).

The project's goal is to develop a web portal for sustainable and innovative urban developments that will allow all people involved in the creation of new neighbourhoods access to the latest information on sustainability issues.