

Appendix B: Links and resources

Tools – scenario generation, decision support, visualisation

Tool name	Short description	Reference
OzClim <i>CSIRO</i>	Scenario generation tool produced by the CSIRO which provides step-by-step options to create and explore different rainfall and temperature scenarios for Australia over different time periods. There is also an advanced section designed for the scientific research community and policy makers.	http://www.csiro.au/ozclim See (Page and Jones, 2001) http://www.mssanz.org.au/MODSIM01/Vol%202/Page.pdf . (Ricketts and M., 2007) http://www.mssanz.org.au/MODSIM07/papers/10_s61/AWebBasedVersion_s61_Ricketts .pdf
Climate Futures Industry Tool <i>CSIRO and Tourism Queensland</i>	Tool designed to help make climate change information accessible and simplify the adaptation planning process for tourism businesses in Queensland.	http://www.tq.com.au/tqcorp_06/fms/tq_corporate/industrydevelopment/Climate%20Futures%20Industry%20Tool.PDF
Climate change and scenario planning tool for Alice Springs <i>Charles Darwin University and Natural Resource Management Board, NT</i>	Online scenario modelling tool which shows different possible futures for Alice Springs and explores how climate change may affect these futures.	http://www.users.on.net/~treehugger/ser/stella.html
Climate Kelpie	Collection of information, decision support tools and	http://www.climatekelpie.com.au/

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<i>Managing Climate Variability, Grains Research and Development Corporation</i>	farmers' experiences.	
Irrigation Futures Scenario Planning resources <i>Department of Primary Industries, Victorian Government</i>	Range of in-depth reports covering all aspects of the scenario planning work undertaken in the Goulburn-Murray catchment area.	http://www.dpi.vic.gov.au/dpi/vro/gbbreg.nsf/pages/gb_lwm_fwm_irrig_futures
Innovative Management for Europe's Changing Coastal Resource (IMCORE) <i>University of Cork, North-West Europe</i>	Online database of Northern European initiatives to manage coastal risks linked to climate change including links to decision support tools and case studies, many of which have utilised a form of scenario planning.	http://www.imcore.eu/tagazan/index.php http://imcore.eu/
UK Climate Impacts Programme (UKCIP) <i>UK Department for Environment, Food and Rural Affairs (Defra) and Environmental Change Institute, Oxford University</i>	Range of tools and resources to support adaptation planning and policy in the UK, including information on socio-economic scenarios and the use of the most recent UK climate projections (UKCP09).	http://www.ukcip.org.uk/ http://www.ukcip.org.uk/ses/ http://www.ukcip.org.uk/ukcp09/
Pastoral properties future simulator, Northern Territory <i>Charles Darwin University</i>	Project to explore possible futures for the cattle industry in the Northern Territory using scenario planning and modelling.	http://forio.com/service/netsims/ser_cdu/pastoral_properties_futures_simulator/index.html
IMCORE <i>University of Cork (North-West Europe)</i>	Database of initiatives to manage coastal risks linked to climate change: http://www.imcore.eu/tagazan/index.php	http://www.arcadisbelgium.be/climar/ Decision support tools: http://www.imcore.eu/tagazan/index.php?mode=visuTags&num_tag=9
Advanced Spatial Science Uncertainty Reduction Engine (ASSURE) - Westernport Spatial Decision Support System <i>Department of Primary Industries, Victorian Government</i>	Project to develop decision support systems to assist with sustainable management of terrestrial-marine systems.	http://www.land.vic.gov.au/dpi/nrensr.nsf/LinkView/876B96E3D5B2BA43CA25740A0010228D26200B8A5DC746B0CA2573A3000E1592/\$file/Westernport%20Fact%20sheet.pdf
'Decision making in a changing climate' World Resources Report website	Various examples and resources.	http://www.worldresourcesreport.org/

'How to' scenario planning resources

Scenario planning resources <i>Futureamb</i>	Webpage with articles and links to related pages, suggested books for working with scenario planning.	http://www.well.com/~mb/scenario_planning/
'Scenario references' page <i>Nautilus Institute for Security and Sustainability</i>	List of links and references includes scenario 'how-to' guides, theory, national and regional development projects, climate change projects and other complex global problem solving projects.	http://www.globalcollab.org/partners/gci/scenarios/scenario-references
Scenario Planning Toolkit <i>Waverley Management Consultants for UK Department for Transport</i>	Useful online reference on scenario planning processes and activities to run.	http://www.dft.gov.uk/pgr/scienceresearch/futures/secsceniss/wrdsenariotoolv2.doc
Scenarios: An Explorer's Guide <i>Shell International</i>	Downloadable scenario guidebook produced by Shell International Limited. It gives a useful overview of the rationale and approach used by Shell. May be a useful reference when having to justify the value of a scenario-based approach.	http://www-static.shell.com/static/public/downloads/brochures/corporate_pkg/scenarios/explorers_guide.pdf
Scenarios: The art of strategic conversation <i>(van der Heijden, 2005)</i>	Book written by a respected practitioner in the field. Includes useful guides on process and activities that organisations can use to improve strategy through scenario planning	See (van der Heijden, 2005)
Scenario planning: Managing for the future <i>(Ringland, 1998)</i>	Another classic text on scenario planning for strategy. Recommended by scenario practitioners.	See (Ringland, 1998)
Framework for developing climate change adaptation strategies and action plans for agriculture in Western Australia <i>(Hills and Bennett, 2010)</i>	Provides useful advice on how to run scoping, risk assessment and scenario-type exercises for developing climate change adaptation strategies.	See (Hills and Bennett, 2010) http://www.agric.wa.gov.au/objtwr/imported_assets/content/lwe/cli/climatechangeframework_n_o%20cover_web.pdf
Local climate change visioning and landscape	Great resource for people considering the use of visual	http://www.calp.forestry.ubc.ca/wp-

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<p>visualizations: Guidance Manual <i>Collaborative for Advanced Landscape Planning, University of British Columbia</i></p>	<p>material as a way of understanding and conveying climate change impacts and adaptation.</p>	<p>content/uploads/2010/02/CALP-Visioning-Guidance-Manual-Version-1.1.pdf See also: Working Papers – visualisation, visioning http://www.calp.forestry.ubc.ca/publications/</p>
<p>"Planning with Uncertainty: Using Scenarios with African Pastoralists" <i>International Institute for Environment and Development, (Cavanna and Abkula, 2009)</i></p>	<p>Two resources from scenario planning work with African pastoralists including a report and "how to" guide.</p>	<p>See (Cavanna and Abkula, 2009) Report : http://pubs.iied.org/pdfs/12562IIED.pdf "How to" Guide http://pubs.iied.org/pdfs/10023IIED.pdf</p>
<p>"Scenarios for Sustainability – Recipes and guidelines"</p>	<p>Webpage providing links and resources for carrying out different scenario analysis tasks.</p>	<p>http://scenariosforsustainability.org/howto_recipes.php</p>
<p>"How to build and use scenarios" <i>Presentation, Adam Gordon, The Future Studio</i></p>	<p>Online slideshow presentation describing a method for building and using scenarios.</p>	<p>http://www.slideshare.net/adgo/scenario-building-workshop-how-to-build-and-use-scenarios</p>
<p>"Futures Methodologies" <i>RAND Corporation</i></p>	<p>Links and resources to different futures methodologies.</p>	<p>http://www.rand.org/international_programs/pardee/pubs/futures_method/scenarios.html</p>
<p>"Scenario Development – Connecting Goals and Audiences", <i>Brown University Seminar, Dr. Angela Wilkinson, University of Oxford</i></p>	<p>Online slideshow presentation explaining background to scenario planning.</p>	<p>http://www.watsoninstitute.org/ge/scenarios/presentations/Wilkinson.pdf</p>
<p>Effective Engagement toolkit <i>Department of Sustainability and Environment, Victorian Government</i></p>	<p>Downloadable toolkit to assist practitioners plan engagement activities, including references to scenario planning and backcasting activities.</p>	<p>http://www.land.vic.gov.au/dse/wcmn203.nsf/Home+Page/8A461F99E54B17EBCA2570340016F3A9</p>

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