

Sustainable Road Design and Stormwater Management

About 70% of the catchments' impervious areas are associated with transport (for example roads, driveways and car parks) and are identified as a prominent source of stormwater pollution (for example, suspended solids, metals, organics and nutrients).

Austrroads <http://www.austrroads.com.au/> is the association of Australian and New Zealand road transport and traffic authorities who contribute to the achievement of improved Australian and New Zealand transport related outcomes.

Freely available and provided you register as a website member (also free); the following 12 documents are available online.

Refer this Fact Sheet to your council's roads and traffic and stormwater engineers and/or other operational staff within council to make encourage the incorporation of more sustainable road design and management into council's policies, protocols, practices and on-ground works.

Anyone with a road design template, manual, guideline or policy that incorporates sustainability principles and which you are happy to share publicly, please email via Kate Black, WSUD Program Manager via info@wsud.org or on (02) 9895 6206.

AP-R232/03 Guidelines for Treatment of Stormwater Runoff from the Road Infrastructure:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000047_0904

AP-R217/03: Environmental Considerations for Planning and Design of Roads + Reference CD ROM:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000045_0904

AP-R185/01: Environmental Risk Management Guidelines and Tools for Road Projects:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000098_0904

AP-G70/02: Austrroads Guidelines to Environmental Reporting:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000048_1004

AP-R180/00: Road Runoff & Drainage: Environmental Impacts and Management:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000043_0904

AP-R315/07: Strategies for Reducing the Environmental Impacts of Increased Night-Time Operations of Road Freight: A Scoping Study:
<http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AUSTROADS96615>

AP-R243/04: Impact of Climate change on road infrastructure:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000048_0904

AP-R243A/04: Appendices - Impact of Climate Change on Road Infrastructure:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000049_0904

AP-R205/02: Case Studies in Successful Environmental Management:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000044_0904

AP-R179/00: Valuing Emissions and Other Externalities:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000003_0904

AP-R166/00: Ecologically Sustainable Development `Toolbox`:
http://www.onlinepublications.austrroads.com.au/script/Details.asp?DocN=AR0000041_0904

AP-149/00: Road Investment Profiles and Potential Environmental Consequences:
http://www.onlinepublications.austroads.com.au/script/Details.asp?DocN=AR0000040_0904

AP-139/00: Strategy for Ecologically Sustainable Development: Progress and Direction (includes software tool): http://www.onlinepublications.austroads.com.au/script/Details.asp?DocN=AR0000039_0904