

Salinity and Sodicity



Effect of salinity on native vegetation.
Photo courtesy of AG WA.

In this section we will look at

- [Introduction](#)
- [Zone of ancient drainage](#) - background geology to WA
- [Dryland salinity](#)
- [Sodicity](#)
- [Measurement of salinity](#)
- [Plants and salinity](#)
- [Saline seeps](#)

- [What to do?](#)
- [Where and how many trees to plant](#)
- [web sites to look at](#)
- [Further reading](#)

This section links to other areas which includes : [drains](#), absorption banks for runoff control and salinity, [Murray-Darling basin](#)

Web Sites

AgWA has been reviewing and research salinity, some interesting pages to look at [background to salinity](#), : [trees in agriculture](#) and [farm forestry in western Australia](#) or [salinity R&D review produced by AgWA](#).

Salinity References and Further Reading

Beeston, G.R., Mlodawski, R.G., Sanders, A., True, D. (1994) Resource Management Report No

149, p45.

CRC for soil and land management .Technical Note 1 (1994) - Introduction to soil sodicity

George, R.J. 1992, Interactions between perched water and deeper groundwater systems in relation to secondary salinity in the Western Australian wheatbelt.: processes and management options. PhD thesis. Geography department UWA.

George, R., Weaver. D., Terry, J. 1996. Environmental Water quality : A guide to sampling and measurement. Agriculture Western Australia. Pub No 16/96.

Government of Western Australia (1996) Salinity: A situation statement for Western Australia. A report to the Minister for Primary Industry and Minister for the Environment, November 1996. Perth WA. This is one of the best sources of information on Western Australian salinity issues.

Hingston, FJ and Gailitis, V (1976) The geographic variation of salt precipitated over Western Australia. Aust. J. Soil Res., v.14, p.319-335.

Martin, L and Metcalfe, J (1998) Assessing the causes, impacts costs and management of dryland salinity. LWRRDC Occasional Paper 20/98 Revision Number One. Land and Water Resources Research and Development Corporation, Canberra ACT.

Schofield, 1989

Schofield, N. J., J. K. Ruprecht, and I. C. Loh. 1988. The impact of agricultural development on the salinity of surface water resources of south-west Western Australia. Water Authority of Western Australia, Perth.

Moezal et al (1988)

Wood, W.E. (1924) Increase of salt in soil and streams following the destruction of the native vegetation. J. Royal Soc., West. Aust., v. 10, p35-47.

 [Top of Page](#)