

## 2nd International Salinity Forum Poster Presentations

Name		Paper Title
Keyiseer	Aji	Understanding the Salinization Processes of Groundwater in the Turpan Basin, West China
Riasat	Ali	downstream creeks and rivers in the wheatbelt of Western Australia
Riasat	Ali	Feasibility of regional scale leveed and open arterial systems for managing artificial drainage discharge in the Avon basin of Western Australia.
Riasat	Ali	Feasibility of subcatchment scale evaporation basins for drainage discharge management in the Avon basin of Western Australia
Riasat	Ali	Economic analysis of regional engineering salinity options in the Avon basin of Western Australia
Syed Mahtab	Ali	Do drains control waterlogging and salinity in the Southwest irrigation districts of Western Australia
Riasat	Ali	Role of salt lakes in managing discharge in the Avon basin of Western Australia.
Syed Mahtab	Ali	Evaluation of the Impact of Winter Rainfall and Irrigation on Groundwater Recharge
Peter	Baker	The move to a new paradigm - salinity processes in eastern Australia
Peter	Baker	Climate and Salinity control in the Mid Macquarie region of New South Wales
Glen	Bann	Dryland salinity, agriculture and soil degradation: what's the link?
Glen	Bann	Dryland salinity in southeastern Australia: water, soil, vegetation and stock management
Glen	Bann	Dryland salinity in southern Australia: primary, secondary, or both, and subsequent management issues.
Sara	Beavis	Evolution of Sediment Geochemistry in a Salt Disposal Basin
Sarita	Bennett	Standardising the terminology for describing the level of salinity in soils
Emma	Betts	Irrigation Benchmarking in South East SA – Soil and Aquifer Salinisation
Andrew	Blake	Selection of on-ground recharge and discharge salinity control work sites driven by sub-catchment prioritisation from baseflow salinity and flow data
James	Bowyer	Adoption of saltland pastures: a case study of the SGSL WA Producer Network
Keith	Bristow	Managing salinity within an integrated irrigation and water resources management framework
Jonathan	Clarke	Utilising Contemporary Geoscience Methods and Models to Map Aquifer and Salinity Systems In 3-D, and Provide Greater Precision In The Quantification of Groundwater Resource
John	Cooke	A review of the Murray Darling Basin Salinity Management Strategy the role and effectiveness of Catchment Actions
Richard	Cresswell	Salt slugs: the role of major floods in mobilising salt
Mike	Day	The spectral effects of salinity due to clay mineralogy and surface crust formation
Brad	Degens	Field scale evaluation of farm-based acid treatment systems for saline acid discharge from deep drains used to manage dryland salinity in Western Australia.

## 2nd International Salinity Forum Poster Presentations

Name		Paper Title
Chaiyanam	Dissataporn	Prediction of the water quality of reservoirs in the salt affected land of Northeast Thailand
Phil	Dyson	Application of the Groundwater Flow Systems Framework to Salinity Management in the Wimmera Catchment of Western Victoria
Phil	Dyson	Growing Seaweed in Saline Groundwater – The Donald Experience
Drue	Edwards	Providing scientific support for salinity management in the Australian context
John	Finlayson	The role of pastoral and woody perennials in managing dryland salinity.
Ingrid	Franssen	The use of market-based instruments for the management of irrigation-induced salinity in the South Australian Murray-Darling Basin: a policy developer's perspective.
Richard	George	Assessing the effectiveness and viability of installing deep drains as a response to dryland salinity in broadacre agriculture - A case study using the Drain-Logic model.
Richard	George	Cainozoic and modern salinisation and desalinisation of the Wheat Belt of Western Australia
Saide	Gray	Paradoxes in Productivism and Post-productivism
Vincent	Grinter	Mapping salinity in the Victorian Mallee using spatial modelling
Larysa	Halas	Integrated Geomorphic Techniques for the Mapping of The Murray River Floodplain, South Australia Using High-Resolution Dem Dataset
James	Hall	The role of new and existing land resource information in broadscale salinity modelling and management
Justin	Hardy	Explaining trends in groundwater depths adjacent to deep open drains
Justin	Hardy	Industries for saline land/water: Profit by producing bio-diesel and rubber?
Justin	Hardy	Soil moisture changes under seven perennial pasture species and one annual pasture species in the southern region of Western Australia.
Ali	Hassanli	The effect of irrigation methods on soil salinity and moisture distribution in soil profile of a heavy textured calcareous soil in arid regions
Chris	Henschke	Recharge Reduction in Action
Geoff	Hodgson	Role of GIS data in simulating salinity management options in the Avon Basin, Western Australia.
Geoff	Hodgson	Salinity and waterlogging risk assessment in the South West Irrigation District of Western Australia
Greg	Holland	A review of the Murray-Darling Basin Salinity Management Strategy: Achievements and future directions
Chris	Howard	Managing Salinity Risk in the Shepparton Irrigation Region from a climate variability, climate change and land use change perspective
Justin	Hughes	Effects of salt tolerant pasture establishment on water balance and salt export via runoff. The Gumble site.
Jeremy	James	A rapid approach to catchment characterisation for salinity and groundwater management in Australian upland landscapes: a case study of the Gardiner Catchment area, central Victoria.
Claire	Johnsen	Hydrological response to partial reforestation in south-western Western Australia

## 2nd International Salinity Forum Poster Presentations

Name		Paper Title
Brian	Latcham	Irrigation, Salinity and Integrated Groundwater Management
Scott	Macaulay	The Development of Airborne Electromagnetic Surveying as a Salinity Mapping Tool in Australia
Scott	Macaulay	Honeysuckle Creek. A case study in improving AEM processing methods
Charles	Madden	Fresh water from salt water or dirty water and the wind
Malcolm	McCaskill	Salinity expression in a humid winter-rainfall environment
Ken	McIntosh	Using a Governance Framework to Provide Long Term Security of Arterial Drainage Networks in the Wheatbelt of South West of Western Australia
David	McKenna	Challenges and Opportunities for the Development of Old Man Saltbush ( <i>Atriplex nummularia</i> )
David	Mitchell	Catchment and paddock salinity outcomes are improved by managing saline discharge areas instead of implementing recharge management
Tim	Munday	Saline Water disposal basin hydrodynamics as evidenced through the application of airborne geophysics.
Bob	Newman	Regional and national institutional arrangement for managing salinity within the catchments of the Murray Darling Basin
Allan	Nicholson	Concurrent scales of operation in GFS in Central West NSW
Saskia	Noorduyn	Multi frequency monitoring of water table response to Alley Farming
Thomas	Nordblom	Matching water-yield and salinity benefits / damages with costs of land use change
Ian	Oppy	Adapting Salinity Management Strategies to an evolving conceptual model of groundwater processes in the Goulburn Broken Dryland catchment
Mark	Reid	The impacts of extended drought on groundwater levels - what do they mean for salinity?
Daryll	Richardson	'Evertrain' - Competency based NRM training for the future
Michael	Robertson	Temporal and spatial patterns of salinity as it relates to farm management in the Central Wheatbelt of Western Australia
Parto	Roshandel	Na <sup>+</sup> entrance into rice genotypes: By-pass flow or transporters?
Parto	Roshandel	The possible involvement of MYB, WAK and Rim2 proteins in salt tolerance in rice
Parto	Roshandel	K/Na discrimination in rice genotypes: increasing salt tolerance
Parto	Roshandel	Na <sup>+</sup> entrance into rice genotypes: To what extent is the by-pass flow important?
David	Rowlands	WA
Ken	Sampson	The Catchment Community Working Together in the Shepparton Irrigation Region
Benny	Selle	What is Driving Salt Load Changes in the Barr Creek Catchment?
Ali	Shah	Paradigm of A Bio-Saline Project For Successful Rehabilitation Of Salt Affected And Waterlogged Lands In Pakistan
Kavitha	Shanmugam	Rehabilitation of Salinity Affected Lands Due to Tsunami Through Alternate Cropping
Kavitha	Shanmugam	Breeding for Saline Tolerant Crops- a Possible and Economic Solution for Salinity
Richard	Silberstein	Ecological Impacts of Engineering Interventions for Salinity Control in the Wheatbelt of Western Australia

## 2nd International Salinity Forum Poster Presentations

Name		Paper Title
Russell	Speed	Evaluating deep drains excavated to manage salinity in the Northern Agricultura Region of Western Australia.
Gregory	Summerell	Lower Murray Darling Basin NSW Australia: The challenge of integration.
Glen	Sutherland	Managing the Communications Challenges of Broad Scale Air Born Electromagnetic Surveying along the River Murray Corridor
Kok Piang	Tan	Application of sediment petro-physical attributes to manage salinity issues in the Murray-Darling Basin, Australia.
Alister	Terry	Salt movement under a 'tree plantation' based saline groundwater re-use system
Tony	Thomson	A policy framework and some tools that are being used to manage the salt that is applied in irrigation water
John	Triantafilis	Development of a Geographic Information System to map salinity risk in the lower Macquarie River valley
Neil	Viney	Assessing the hydrological impacts of various options for disposing of increased streamflows and salt loads generated by artificial drainage in the Avon River Basin, Western Australia
Neil	Viney	Predicting the impacts of climate change on the hydrology of the Avon River basin, Western Australia
Neil	Viney	Predicting the impacts of revegetation on the hydrology of the Avon River basin, Western Australia
Cameron	Wearing	Fitzroy Basin Association's Salinity Program
Bree	Wilson	Salinity affects the infectivity of mycorrhizal fungi in south-eastern Australia
Vanessa	Wong	Recharge Mapping In Floodplain Environments: Utilising Airborne Electromagnetics To Map 'Leaky Roofs and Windows'