



Australian Government



MURRAY—
DARLING
BASIN AUTHORITY

3RD BASIN SALINITY FORUM

MICROSOFT TEAMS LIVE EVENT

Floodplains – adapting to change

Tuesday 30 November 2021
9 am to 4 pm

Invitation and program

An event for Commonwealth, State and regional government agencies



PROGRAM

Time	Agenda	Presenter	Topic
9.00 – 9.15	Welcome	Campbell Fitzpatrick Lead Auditor, Independent Audit Group for Salinity 2021	
9.15 – 10.00	Keynote Speaker	Jane Coram Director, CSIRO Land and Water	Drivers of change in the Murray-Darling Basin, and how science can help respond to them
10.00 – 10.25	Session 1 <i>River Management</i>	Matthew Coleman, A/g General Manager, Basin Strategy & Knowledge, MDBA	Climate adaptation in the Murray-Darling Basin
10.25 – 10.50		MDBA and SA DEW environmental water teams	Floodplain environmental watering in the southern Basin: Overview and study case of the lower Murray
10.50 – 11.15		Jeffrey Newman, Scientist – Modeller, SA Water	Lake Victoria: Modelling strategies to minimise water quality risks
11.15 – 11.30 Morning break			
11.30 – 11.55	Session 2 <i>State Salinity Presentations</i>	South Australia Virginia Riches , Manager, Groundwater Planning and Modelling, SA DEW Juliette Woods, Principal Groundwater Modeller, SA DEW	Modelling floodplains
11.55 – 12.20		Victoria Mark Potter, Drainage Programs Coordinator, Water Delivery, GM Water Craig Dyson, Program Manager, Irrigation, Agriculture Victoria	Salinity management in northern Victoria – adapting to a changing climate
12.20 – 12.45		New South Wales Denise Lalor, A/g Basin Salinity Manager, NSW DPIE Allan Nicholson, Principal Salinity Officer, NSW DPIE	Scalable salinity frameworks: From catchment, sub-catchment to irrigation development
12.45 – 13.10		Queensland Matt Paull, Director, Australian Petroleum Production and Exploration Association	Coal seam gas brine management in the Queensland Murray-Darling Basin
13.10 – 13.40 Lunch break			
13.40 – 14.15	Session 3 <i>BSM2030 Knowledge Priorities</i>	Jack Smart, Senior Asset Manager, MDBA Faye Williamson, Hydrogeologist, NSW DPIE Tanya Doody, Principal Research Scientist, CSIRO	Responsive management of salt interception schemes: Monitoring the impact of a trial shutdown of the Mallee Cliffs scheme on the low salinity lens and floodplain vegetation
14.15 – 14.50		Chenming Zhang Research Fellow, Geotechnical Engineering Centre, University of Queensland	Water and salt balance during recharge and drying in an e-watering site of the lower River Murray
14.50 – 15.25		Dougal Currie, Associate Environmental Scientist, CDM Smith Glen Walker, Director, Grounded in Water	Transfer function development for more robust simulations of irrigation activity in salinity models
15.25 – 15.40	Forum wrap up	Campbell Fitzpatrick Lead Auditor, Independent Audit Group for Salinity 2021	