

Fieldtrip 8: St Kilda Mangroves and Salisbury Wetlands and Storm Water Recovery.

Tour leaders: Andrew Penny – (Pedare College) & Lisa Pope (Australian Science and Maths School)

The day will commence with a visit to a highly unique ecosystem, the Barker Inlet Estuary located at St Kilda in Adelaide's northern suburbs. The dominant species in this estuary is the grey mangrove and the area houses one of the most southerly communities of mangroves occurring anywhere in the world. This area is home to over 200 bird species and the ecosystem has critical importance as a nursery for many marine species, including many critical to the viability of the local commercial fishing industry. The City of Salisbury has developed a world-class interpretive centre at the wetlands and built a network of boardwalks that allows the visitor to access all zones of this ecosystem.

The second part of the day will focus on the storm water harvesting programmes established by the City of Salisbury; a world leader in the harvest, treatment, storage and distribution of storm water from urban areas. Water is a critical issue in South Australia and schemes such as those in Salisbury provide a blueprint for sustainable water use and demonstrate the critical role local government can play in relation to the supply of water. Lunch at the Watershed Café at the Greenfields Wetlands is included.



