

## Project 12 - An investigation of floodplain freshwater lenses in River Murray floodplains

**Location:** The project will be based at Flinders University, Adelaide, SA

**Required area of expertise/background:** An Honours or MSc degree in Hydrology, Hydrogeology or related field. It will be advantageous to have some knowledge of groundwater modelling, micro-meteorology, hydrochemistry and/or familiarity with geophysical data.

**Project: Project Description (Max 200 words):** This project will investigate the processes accompanying salt storage, transport and release within floodplains of the River Murray, using a combination of field methods and numerical modelling. An improved understanding of salt cycle behaviour is required to underpin the management of floodplain and riverine health. The successful candidate will work with staff involved in an ARC-Linkage project collaboration between Flinders University, Monash University and the South Australian Government.

**2017 RTP full time RTP Stipend Rates\* (\$26,682). Approximate annual top-up amount:** To be negotiated.

**Principal Supervisor:**

[Prof Adrian Werner](#) - Flinders University

**Co Supervisors:**

[Dr Juliette Woods](#) - Flinders University

