

Researchers based at the Australian School of Petroleum are currently or have recently been, involved in a number of Regional Studies

Sydney Basin – New South Wales

This project aims to assess the CO₂ storage potential of the Sydney Basin. A regional overview has been initiated with the purpose to identify, characterise and prioritise potential CO₂ sequestration sites within coal seams and /or other porous sedimentary rocks as storage media in the Sydney Basin. Subsequently, selected sites will be investigated in greater detail for their suitability for CO₂ injection and storage. The study will be accomplished by integrating activities of the researchers within the CO₂CRC with those of external consultants.

Project Manager: Mohinudeen Fiaz (CSIRO)

Key Researcher: **Mario Werner (ASP)**

Browse Basin – Western Australia

This project aims to assess carbon dioxide storage potential of the Browse Basin, Offshore, Western Australia. To complete a geological and geophysical assessment of a number of ESSCI's in the Offshore Browse Basin, using available well and seismic data and where appropriate to construct static geological models to be used as the basis for dynamic reservoir modelling by other projects in the Storage program.

Project Manager: Rick Causebrook (GA)

Key Researchers: Eric Tenthorey (GA), **Ulrike Schacht (ASP)**, Alfredo Chinios (GA), Annette Patchett (GA), Anna-Lisa Lathinen (GA)

New Zealand – Regional geology

This project aims to assess the CO₂ storage potential of New Zealand in order to promote deployment of Carbon Capture and Storage in New Zealand. The project consists of a range of activities including reviewing and analysing publically available data to develop a high level overview of the New Zealand's potential CO₂ storage capacity: identifying matches between emissions sources and sinks: collecting data for specific storage sites and completing detailed studies of specific basins covering depleted gas, saline and coal formations if required.

Project Manager: Rob Funnell (GNS)

Key Researchers: Steve Edrooke (GNS), Brad Field (GNS), **Mario Werner (ASP)**, **Mark Bunch (ASP)**, Beale Leitner (GNS)

Demonstration - The CO₂CRC Otway Project

Our researchers are also working on the [CO₂CRC Otway Project](#) in the area of Geomechanics, and Hydrogeology and Geochemistry: Richard Hillis and Ulrike Schacht. Prior to leaving the ASP at the end of 2007, Peter van Ruth, and Peter Tingate were also involved in this area.

More information about CO2CRC and its projects, including the Otway Geosequestration Research Project in south-western Victoria, is available at www.co2crc.com.au