

1. **ACERA Project No.:** 06 / 06
2. **Project Title:** Review and benchmark Australia's biosecurity risk identification and analysis system – Phase 1 risk identification
3. **Theme:** Biosecurity framework development
4. **Rationale:** Effective risk identification is critical in risk analysis because risks that are not identified cannot be analysed or used for making decisions, nor can they be managed appropriately. This project will review and benchmark risk identification techniques used in biosecurity in Australia, particularly those relevant to AQIS, PIAPH, AHA and PHA, and those in use overseas (including the UK and New Zealand), and will evaluate the potential for use of a range of techniques for identifying risks in other industries in biosecurity applications. Data will also be collected for bench marking analysis systems in a later project.
5. **Outputs:** This project will evaluate the use of FMEA, HAZOP, HCCP, LOPA, FTA and computer assisted brainstorming in biosecurity contexts, and will produce reports documenting practices in Australia, the UK and NZ, and on potential for application of formal techniques from other industries, including recommendations for procedures that may improve biosecurity identification techniques in AQIS, PIAPH, AHA and PHA.
6. **Time frame:** Commencing: *September 2006*, Finishing: *March 2007*

7. Project Leader(s):

Title	Name	Organisation
Prof	Jean Cross	UNSW

8. Resources

	06/07	07/08	08/09
<i>Salaries and stipends</i>	31,000		
<i>Travel</i>	2,000		
<i>Operating and capital</i>	3,500		
Project Total	\$38,500		

- 9. End Users:** AQIS, PIAPH, AusBioSec, AHA, PHA