

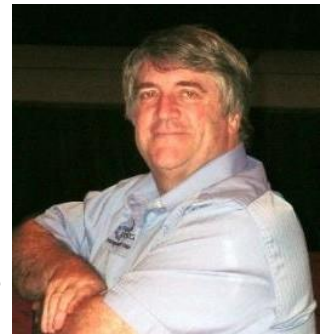
# Animals in Intensive Production Systems



## POULTRY – BIOSECURITY

### LECTURER: A/PROF PETER SCOTT

Dr Peter Scott is a Veterinary and PhD graduate from Melbourne University. Peter has worked for government veterinary agencies as well as academic research institutions. Peter is the founder and director of Scolexia Pty Ltd, a veterinary consulting company that provides expertise advice to various sectors of the poultry and pig industry in Australia and overseas, and also to relevant government sectors. Peter has been involved in various research projects for the poultry industry including those that resulted in the development and commercialisation of vaccines for fowl cholera, mycoplasmosis and salmonellosis for poultry. Peter has also prepared biosecurity and vaccinations manuals for the Australian poultry industry and relevant government agencies. Currently Peter is an honorary associate Professor at the Faculty of veterinary and Agricultural Sciences, Melbourne University.



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### INTENDED LEARNING OUTCOMES

At the end of this lecture, you should be able to:

- Describe the importance of biosecurity in poultry farms
- Describe common mode of disease transmission in poultry farms
- Explain the levels of biosecurity that are used in poultry farms
- Outline how water plays a role in biosecurity of poultry farms

### KEYWORDS

Biosecurity, transmission, disinfectants, sanitation, rodent control

## LECTURE OVERVIEW

This lecture describes the importance of biosecurity in poultry operations and defines major routes of disease transmission. Also, the levels of biosecurity that need to be implemented are highlighted. Also, importance of water sources in biosecurity is discussed and strategies for sanitisation of water in poultry farms are described.