



# Integration of Animal Welfare Policies into Emergency Preparedness Plans

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- Associate Professor of Veterinary Neurophysiology
- European Specialist in Veterinary Anaesthesia
- Interests in:
  - Welfare of killing methods
    - Cattle Pigs Rats Poultry Fish Cetaceans

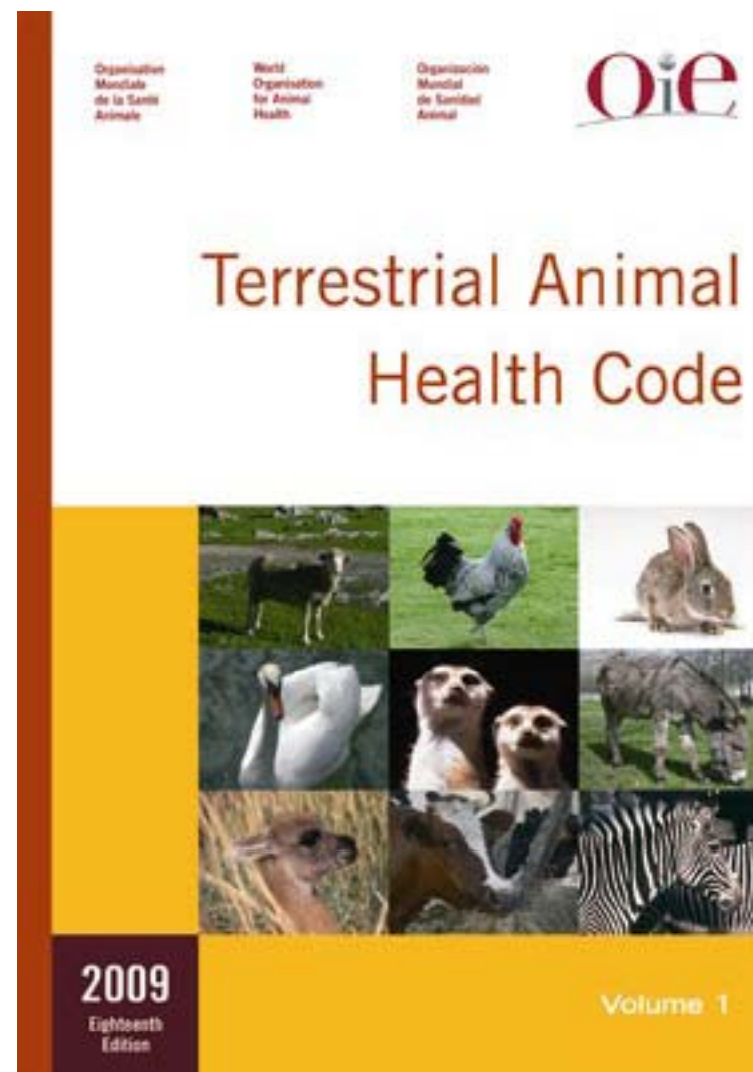


Animal Welfare Science and Bioethics Centre

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- Chapter 7.6 Killing of Animals for Disease Control Purposes





# Overview

- General Principles
- Organisational Structure
- Operational Activities
- The Benefits of a Plan



# General Principles Article 7.6.1

- Animal Welfare
- Appraisal
- Biosecurity
- Competence
- Cost
- Culture
- Environment
- Health and Safety



# Competencies Principle 1

- All personnel should have relevant skills and competencies
  - Formal Training
  - Practical Experience



# Animal Welfare

Principles 2 3 4 5 6 7 8 9

- Procedures adapted to circumstances
- Carried out promptly
- Minimal handling + movement
- Sufficient restraint
- Immediate death – non aversive
- Order of killing – young first
- Oversight by Competent Authority
- Written report



# Culture Principle 2

- Procedures adapted to circumstances
- Aesthetics







# Cost Principle 2

- Procedures adapted to circumstances





# Health and Safety Principles 2 5 8 9

- Procedures adapted to circumstances
- Restraint sufficient
- Oversight by Competent Authority
- Written Report



# Biosecurity

Principles 2 7 8 9

- Procedures adapted to circumstances
- Order of killing – infected first
- Oversight by Competent Authority
- Written Report



# Environment Principle 2

- Procedures adapted to circumstances





# Appraisal Principles 8 9

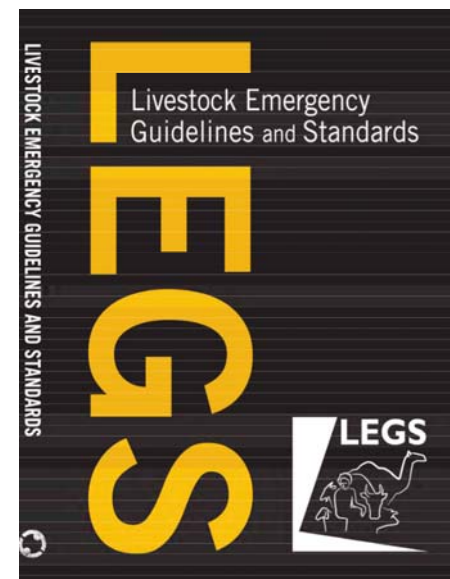
- Oversight by Competent Authority
- Written Report



# Principle 10

- Application to natural disasters and culling

– ISBN 978 1 85339 679 3





# Organisational Structure Article 7.6.2

- National contingency plan
- Local level plans
- Strategy to ensure competent personnel



# National contingency plan

- Management Structure
- Disease control strategies
- Operational Procedures





# Local level plans

- Based on National Plan
- Informed by Local Knowledge



# Animal Welfare Considerations

Killing of Animals

Movement Restrictions

- Food supply
- Maturation of animals





# Operational Activities

- Led by Official Veterinarian
  - Appoints specialist teams
  - Responsible for activities of teams
- Link Between Authority and Activity



# Members of Specialist Teams

- Team Leader
- Veterinarian
- Animal Handler
- Animal Killing Personnel
- Carcass Disposal Personnel
- Farmer/Owner/Manager



# Team Leader

- Plan operations on premises
- Determine requirements for:
  - Animal Welfare
  - Health and Safety
  - Biosecurity
- Monitor operations
- Liaise with Official Veterinarian
- Provide written report



# Veterinarian

- Killing Method
- Order of Killing
- Confirmation of Death
- Minimise potential for spread
- Monitor welfare and biosecurity
- Written report



# Animal Handler

- Review facilities
- Design and build if required
- Move and restrain animals
- Monitor welfare and biosecurity



# Animal Killing Personnel

- Humane Killing





# Carcass Disposal Personnel

- Efficient carcass disposal



# Farmer/Owner/Manager

- Assist and cooperate when requested



# The Benefits of a Plan

- Enables Prompt Implementation
  - What do we need to do?
  - What equipment do we need?
  - What people do we need?
- Lack of a plan causes:
  - Confusion
  - Delay
  - Poor outcomes



# Considerations of Plan Article 7.6.4

- Minimising handling and movement
- Kind and Number of Animal
- Methods and cost
- Accessibility
- Availability of equipment and time
- Availability of facilities



# Considerations of Plan Article 7.6.4

- Competence and skill of personnel
- Biosecurity and environment
- Health and safety
- Legal issues
  - Restricted Drugs
  - Poisons
  - Environmental impact

