BUILDING CAPACITY IN WILDLIFE HEALTH

ISSUES AND OPPORTUNITIES

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Collaborating Centre
"Capacity-building"

Google

= 15,200,000 citations

What is Capacity Development?

- “The ability of people, organizations and society as a whole to manage their affairs successfully.

- Capacity development is the process of unleashing, strengthening and maintaining of such capacity"
“National Capacity”: Empowered to meets national needs autonomously

• **Empowered:**
  – **Enabling Environment**
    • Country ownership
    • Governance & Incentives
    • Laws, Policies, Compliance
  – **Organization and Partnerships**
    • Governance and decision-making
    • Adequate and sustained resources
  – **Individuals**
    • Motivation, Incentives
    • Training, Tools, Technology

FAO
“National Capacity”: Empowered to meets national needs autonomously

- **Autonomously:**
  - Responsible for its own capacity development
  - Set its own priorities
  - Carry out its own programs

- Donors play supporting roles
- **Capacity** is the objective
Wildlife Health Management Capacity

Key Components
- Prevention of new disease problems
  - International Intelligence
  - Border Controls
  - Risk Assessment – internal threats
- Timely detection of disease occurrences
  - Disease Surveillance
- Timely responses to disease occurrences when required
  - Decision-making
  - Response planning in advance
Components of a National Program for Wildlife Health Management

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Components of a National Program for Wildlife Health Management

- National Program of Wildlife Health Management
  - Coordination & Communication
- Disease Prevention
- Disease Detection & Surveillance
- Response & Recovery
- Knowledge Support
  - Science Research
  - Training
National Program of Wildlife Health Management

Coordination & Communication

Disease Prevention

Disease Detection & Surveillance

Response & Recovery

Knowledge Support

Science Research

Training

Supportive National Policies

Responsible Parties and Stakeholders

Government Ministries | Universities | Non-government

Governance and Finance
Capacity Development: Challenges

The cost of our food has doubled in just the last nine months.
Capacity Development: Challenges

• Many Pressing Needs and Priorities
  • Growing populations
  • Environmental crises
  • Economic challenges

➢ Conflicts of Interest with Potential Donors
  • Mismatched priorities and objectives
    • Capacity development versus specific goals
  • Control of sensitive information
  • Intellectual property
  • Balance of local and global concerns
Capacity Development: Challenges

1. Many Pressing Needs and Priorities
   - Growing populations
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   - Economic challenges

2. Conflicts of Interest with Potential Donors
   - Mismatched priorities and objectives
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     - Local concerns versus global concerns
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   - Ownership of samples and data

3. Emigration of Highly-qualified Personnel
Map 13: Emigration rates of health professionals in Africa, 2000

World Immigration Report 2010
International Organization for Migration
Capacity Development: **Challenges**

1. **Many Pressing Needs and Priorities**
   - Growing populations
   - Environmental crises
   - Economic challenges

2. **Conflicts of Interest with Potential Donors**
   - Mismatched priorities and objectives
     - Capacity development versus specific goals
     - Local concerns versus global concerns
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3. **Emigration of Highly-qualified Personnel**

4. **Cultural and political Context**
Capacity Development in Wildlife Health Management: Opportunities

Enabling International Environment

• Renewed Interest in Wild Animal Pathogens
  ➢ Role in Emerging Infectious Diseases & Pandemic Threats
  ➢ “One Health” – ecological concepts of health and disease management

• Higher priority accorded wildlife health in LMI countries

• Increased investment in wildlife health management capacity by donor organizations

Jones et al. Nature 451:993
Opportunities for Capacity Development

Capacity Development: Now a Primary Goal of Many International Donors
Capacity for Animal Health Management

- **Twinning Program:**
  - Reference Laboratories
  - Collaborating Centres

- **Personnel Training**
  - Wildlife Focal Point Workshops

- **Access to Information**
  - Codes, Manuals, Journals, Reports, Website
  - World Animal Health Information System

- **Evaluation of performance of veterinary services**
Opportunities for Capacity Development in Wildlife Health Management

Relevant Knowledge and Experience

• “Best Practices” in capacity development
  • Lessons from successes and failures

• Wildlife Health Management
  • Governance
  • Organization
  • Science
  • Technology