

# Cambodia Background



- Education committee built contacts with assistance of Dr. Sin-Eng Chia of the National University of Singapore and Dr. Sok Srun of Cambodian Ministry of Health
- Dr. Sok Srun was invited to speak at ISRP Conference 2008 in Dublin
- “Train the Trainer” programme delivered by Graham Powe at Cambodian Ministry of Health in May 2010
- 32 participants
  - Positive and useful feedback
  - Reported at ISRP Conferences 2010 and 2012
- CamMoH have used this training to a remarkable degree



# Cambodia – Other Outcomes

- “N95” type filter usage integrated into
  - Ministry of Health Infection Control Guidelines
  - Ministry of Health Infection Control Training Curriculum
  - Proposed for addition to the *Essential Medicines Control List* for MoH
    - Assists direction of funding
    - Targeting tuberculosis patient care
- In 2012, nearly 3000 people trained
- Funding for supply of appropriate filters is a challenge



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# Cambodia – 2014 Update

## Dr. Sok Srun, Cambodian Ministry of Health reports:

- ISRP-originated training continues and has expanded to all provinces
- Respiratory protection is part of the government mandated PPE and is included in the:
  - Protection standard
  - Curriculum for infection prevention and control training
- All healthcare workers working at referral hospitals have undergone ISRP-originated training
- Currently, Cambodian Ministry of Health is conducting training in infection prevention and control programmes for Ebola
  - N95-type respirators are included as required PPE
  - ISRP training material is used to demonstrate correct donning and doffing.



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# Other Recent Activities

- Training opportunity in China
  - Original enquiry through 3M China
  - Mines and manufacturing companies
  - Discussions in progress
- “Volcanic Crisis” proposal – invitation to collaborate
- Linkage with Workplace Health without Borders

# Volcanic Crisis Proposal

- “A New Evidence Base for Respiratory Health Interventions in Volcanic Eruption Crises”
- Proposal to: Research for Health in Humanitarian Crises from the University of Durham, UK
- Two-year timeframe
- Associated Organisations:
  - Institute of Medicine (Edinburgh, UK), ISRP, local partners and a stakeholder consortium of academic institutions
- Advisory Board
  - Pan-American Health Organisation, Save the Children, Japan National Institute of Public Health, ISRP, UK Institute of Public Health
  - Specific academic experts
- Local Partners in
  - Japan, Mexico, Indonesia, Iceland
- Funding application made in 2013 – not awarded
- Renewed application has now been submitted

# Project Objectives

- Systematic laboratory experiments on respiratory protective interventions (RPI) to determine their efficiency at particulate matter filtration and its improvement
- Field-based surveys at volcanic locations to explore behavioural, psychological, cultural and environmental factors influencing the use of protection
- Critically assess other interventions, such as staying indoors and strategies traditionally used by local populations
- Estimate the health impact of RPI usage and other interventions
- Investigate the economic and logistic feasibility of RP distribution to populations
- **Develop educational tools for RPI use in community settings and investigate the feasibility of cascade training**