



Aarathi Krishnan

The International Federation of Red Cross and Red Crescent Societies

Aerial Robotics and Social Good Solutions

@WeRobotics

DRONES AND RED CROSS HUMANITARIAN USE CASES




CYCLONE PAM

www.ifrc.org
Saving lives, changing minds.

 International Federation
of Red Cross and Red Crescent Societies





-  Fully Destroyed
-  Partially Damaged
-  Little to no damage



Red Cross Policy & Applied Research

Applications of UAVs for Disaster Risk Management



Field Research: Regional Findings

- **Strong interest**
- **Knowledgeable**
- **Sector demand**
- **Diverse use-cases**
- **Data and Cargo**
- **Marine robotics**
- **Limited capacity**
- **Cook Islands**

Cook Islands Red Cross Society Centre



PROGRAMMES:

● **INTERNATIONAL HUMANITARIAN LAW**

● **HEALTH**

FIRST AID TRAINING

HIV/STI

YOUTH PEER EDUCATION

DISABILITY TRANSPORT

● **DISASTER MANAGEMENT**

DISASTER RISK REDUCTION

CLIMATE CHANGE

EVACUATION CENTRE

● **ORGANISATIONAL DEVELOPMENT**

BRANCH DEVELOPMENT

GOVERNANCE





 Australian Red Cross
THE POWER OF HUMANITY

10/3/17





Punataia Rd

Punataia





Field Research: Cook Islands

- **Political will**
- **Strong capacity**
- **Sector demand**
- **30+ use-cases**
- **Data and Cargo**
- **Marine robotics**
- **Regulations**
- **Limited capacity**

Towards a Pacific Flying Labs

- **Regional approach**
- **First hub in Cooks**
- **South-to-South**
- **Women and Girls**
- **Business incubation**
- **Seed other hubs**
- **Create network**
- **Small Island States**