

**Name: Lorn Vicheka**

**ID: 12539709, M1**

## **FOLENS Report**

### **Life and Agriculture after Tohoku Earthquake and Fukushima Nuclear Disaster**

**17-18 December, 2012**

What are the problems?

Living of farmers at the area suffering by irremediable damage of nuclear disaster has been questioned to me. Even it is in the standard level of radiation elements, but no one can say it is not impact to the human health any day after many years yet. Contaminating hazards to surrounding environment like soil and water has been stock and take time to decompose. It is very dangerous to permit people to live at the same place. Agricultural marketing problem has also affected to farmer living even it is in the standard level; some people don't need the products and feel scare to happen any disease like cancer. Moreover, tsunami and massive radiation damages caused many areas cannot grow crops; especially it cannot allow people to enter the devastated locations. Many people were forced to give up their homeland and lose job. One more problem is that, farmers don't support nuclear power plant locating at their living area because they afraid disaster like this. So it will be the essential problem to consider recently.

What are the hopes?

After many problems occurring to environment, human health and economic growth, what I hope and what other people hope is to get answers from the government and researchers to demonstrate what is safe area from now until the future?, what is appropriate crops to grow at impacted area?, how to reconstruct soil and surrounding environment, and how can reduce the pollution?. So that many investigates should be done.

What are the lessons for me?

The trip gave me many fruitful because I can have a lot of experiences related to natural disaster that no one can control the risk. First, tsunami and radiation leakage into the environment destroyed everything of people such as landfills, animals, houses, jobs and economics. It is very difficult to reconstruct all the things especially people feeling. Second, dangerous of radiation leakage, there are no researchers can find the result to eliminate it now. Third, difficult feeling of representatives about life after the earthquake and nuclear disaster

urged them don't support nuclear power plant. This visiting also made me do not support nuclear power plant to happen in my country even it has many benefits for economic growth but it cannot support to the irremediable risk occurring at any time. For example, if economic growth is bigger than damages and we can reconstruct everything, but we cannot satisfy people' fearing which lose many life of their families and friends. In addition to this, the most important lesson for me is living with farmers to know their feeling after the disaster. They are still strong and happy to raising life at the same area because it is the place where they live every generation from the past. They are very busy with agricultural work from the early morning until night, and they hope other people will satisfy and encourage their products. This experience teaches me to work hard even I meet a lot of disadvantages. I would like to thank you very much to the farmers for providing me a very good chance to work and get a fulfill meaning. They are very kind to me and other students, and if I have opportunity to go there again I will say "thank you very much" to them and all the representatives as well.

What I want to do?

What I can do I will try my best to study and participate with other researchers to get more knowledge to strengthen myself about sustainable agriculture and environment. Mainly, a suitable solution to instead the use of nuclear power plant by renewable energy like solar energy, wind energy, hydropower and biomass. It is the good energy from the earth.