Community Based Disaster Prevention and Mitigation Activity from aspect of Gender Equality in cooperation with University

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Self-introduction

- Masako Saito
- Graduated from Japanese Red Cross College of Nursing, Master program, continuing study as a student of Doctor program in Tokyo Kasei University
- Full of experience as a clinical nurse and home-visit nurse, now, work as a lecturer at Tokyo Kasei University since 2014.
- Key words of the research: disaster nursing, home-visit nursing, Gender equality participation, disaster prevention activities in community
- Health support for the victim of the East Japan Greatest Earthquake (2011), stormy rainfall in north Japan and earthquake in Kumamoto (south island)(Sep. 2015)
Gender Equality Aspects in Disaster

- In Japan, when natural disaster such as earthquake and typhoon attack, the people escape to evacuation shelter. The shelters are designated by Disaster Relief Act and Disaster Countermeasure Basic Act.

- In above Act, promotion of gender equality, response to older adult and foreigners must be taken into consideration in community disaster plan.

- 「For the reason that you are a woman.」 the role of cooking meals and cleaning was given me without any doubt.

- Sensible consideration was given to women in the shelter, but there still exists gap among communities.
East Japan Greatest Earthquake, evacuated people: Iwate Pref. A Shelter
May 2011
Temporary toilets and bath room/ shower

Take a bath and/or shower
- How to keep cleanliness in disaster
  (underthings • napkins • clothes)
- Keep guard for bath room
  (Guard woman is better for women’s bath room.)

Toilets at shelter
- Men’s and women’s toilets is not separated.
- No diapers and/or napkins
- Better to bring security buzzer
- Need light.
- Pay attention to the tier.
- Need to improve the condition, “Toilet is dirty, so I don’t like to use it.”
Kind consideration to women at shelter

To protect privacy
- Dressing Room • Feeding Room •
  Keep a room only for women.
  This is to prevent violence to women including pregnant women.
- Laundry hanging place for women’s underwear.
- At the shelter, female staff had better take a role to distribute napkins and underwear to female victims.
- Female must be nominated at the shelter.

☆ Need to create the condition that women can speak about their requests at the shelter.
How to protect privacy at “Evacuation Shelter”

- Partition by carbon box paper
- Dressing Room made of plastic sheet
Background of research

- Tokyo Kasei University, Faculty of Nursing, and that of Children opened newly in Apr., 2014 at Sayama Campus.
- In Tokyo, epicentral earthquake is supposed to occur in future. As for this, our women’s university and local community can cooperate each other for disaster prevention and mitigation.
Tokyo Kasei University, sayama campus
Aim of Research

- To discuss countermeasures for disaster prevention and mitigation with aspect of gender equality in collaboration with university and local community.

- Tokyo Kasei University, Sayama campus will consider its role for disaster prevention and mitigation activities.
Research Method

1) Qualitative and descriptive research:
   ① Survey by interviews
      1st step: Implement survey on disaster prevention activities in Sayama City and Iruma City. Make clear of the needs and issues in community.
      2nd step: Interview to university staff and local community people who voluntarily act for disaster prevention.
   ② Qualitative inductive analysis
Result and Analysis of Survey by Interview

- Result of Survey
- Duration: Oct., 2014～Apr. 2015
  Time: 60 ～ 120 minutes/for 1 time
  <Location: near university>
  - Sayama City (local government and NPO)
  - Iruma city (local government and Social Welfare Association)
  <University and communities that act disaster prevention activities positively.>
  - A University ↔ C town (Disaster site in North of Japan)
  - B College of Nursing ↔ D Town (around Tokyo)
  Total number of interviewees: 15 persons

Analysis was done through 4 points as below.
1) Activities of disaster prevention and mitigation
2) Linkage between Universities and community volunteer disaster prevention association
3) Aspect of gender equality for disaster prevention and mitigation activities
4) Findings and issues
Analysis of city activities near by

- **Sayama City (Government • NPO)**
  - Activities in community
    - Made hazard map for earthquake and flood.
    - Information dissemination of emergency flash by e-mail and mobile
    - General Disaster Prevention Training for once a year
    - Established “Program on Female Leader Training of Disaster Prevention in Community”

- **Iruma City (Government • Social Welfare Association)**
  - Activities in community
    - Go out for lectures in community for disaster prevention
    - Provide disaster prevention training and experience of evacuation shelter
    - Disaster Leader Training Program opened 3 years ago. Among 100 trained leaders, 10 of them were female.
    - List of vulnerable people has not completed yet.

- **Wishes to Tokyo Kasei University**
  - Open Welfare Evacuation Shelter
  - Relief and First Aid

- **Wishes to Tokyo Kasei University**
  - To play with children
Interview Guide

- How did you response to East Japan Greatest Earthquake (2011) and stormy rainfall of east and north Japan (2015)?
- What do you think about students’ volunteer activities?
- How do you collect disaster information?
- Dissemination system of disaster information
- Collaboration on disaster prevention between University and communities
- Disaster prevention and mitigation activities from aspect of gender equality
1) Activities for Disaster Prevention • Mitigation

- A University has established **Volunteer Activity System in Disaster**.
  1. Advanced survey team dispatched to disaster site did rapid needs' survey and selected rescue activity site for following teams and then immediately they implemented volunteer activities with students.
  2. This university has set the system that students' volunteer activities are recognized as credits of curriculum.

- At B College of Nursing, faculty included in the syllabus that
- Students participate in disaster prevention training and seminars in D town.

- In C town, community volunteer disaster prevention association made contracts with about 50 other towns on mutual-help in disaster. This is effective preparation activities in daily life which is in silent phase.
2) Linkage with university and community volunteer disaster prevention association

- B College of Nursing has 20-year activities in collaboration with Disaster Center Hospital and community leaders of C town. They offered “Disaster Prevention Leader Training for community people for 20 years. Students of B College of Nursing involved with management of the seminar as volunteer activities. This is very effective training for students.

- A University participated in general disaster prevention training of D town and they have taken contacts often.
3) Gender Equality Aspect in Disaster Prevention and Mitigation Activities

- Regarding shelter management, it became clear that not only male leader, but also female leader is indispensable.
- Female leaders have a good thinking in living life and show necessary consideration to the vulnerable people at evaluation shelter.

This fact must suggest toward the people and need to provide training to female leaders.
- Not only gender equality aspect, but consideration to Sexual minority people should put into the recommendation.
4) Issues

- In C town, **aging of staff** of disaster prevention volunteer association is the issue. They want to have **more young staff**.

- Issue of Tokyo Kase University, Sayama Campus is that **information sharing** on disaster prevention and mitigation activities between our university and local community are not enough.

- At present, students and teachers of Tokyo Kasei University participate in general disaster prevention training of local government and go to disaster prevention talk-café. Hereafter,

- We will make efforts to train **Disaster Prevention Female Leaders**.
Conclusion

- Through the research, needs in disaster in community and activities of interviewed organizations became clear.
- We assumed ourselves that we have to proceed and prepare for community based disaster prevention and mitigation activities in usual condition.
- In disaster activities, gender equality aspect is indispensable. It was indicated that preparedness for female leaders, stock of necessary goods and consideration for sexual minority groups must be taken in activities.
Thank you for your attention!