

## The 2nd Field Survey Report (10<sup>th</sup> - 13<sup>th</sup> July)

### Topics of This Issue

1. Schedule of the Field Survey
2. Victims Mourned 4 Months After the Earthquake and Tsunami
3. Progress of the Debris Removal
4. Infrastructure has been Recovered
5. Temporary Houses
6. Activities by Volunteers

#### 1. Schedule of the Field Survey

The study team members conducted the 2nd field survey from 10th to 13th July.

Date	Area	Program
10 <sup>th</sup> July	Aomori   Iwate	Misawa City → Towada City → Hachinohe City → Kuji City → Noda Village → Fudai Village → Miyako City
11 <sup>th</sup> July	Iwate   Miyagi	Tono City (Tono MagokoroNet) → Otsuchi Town → Kamaishi City → Ofunato City → Rikuzentakata City → Kesenuma City → Minamisanriku Town
12 <sup>th</sup> July	Miyagi	Left bank of Kitakami River → Onagawa Town → Ishinomaki City → Coastal line of Sendai City
13 <sup>th</sup> July	Miyagi	Shichigahama Town → Sendai City

The study team visited the affected areas of Aomori, Iwate and Miyagi prefecture and watched the rehabilitation in those affected areas, comparing to the result with 1st field survey in April.

At the same time, the study team visited Tono City of Iwate Prefecture where has become the hub for NGO/NPO and volunteers and Shichigahama Town where the study team visited in April. The study team conducted interviews both in Tono City and Shichigahama Town to understand the real situation of NGO

and volunteers' activities and inter local government network for disaster relief.

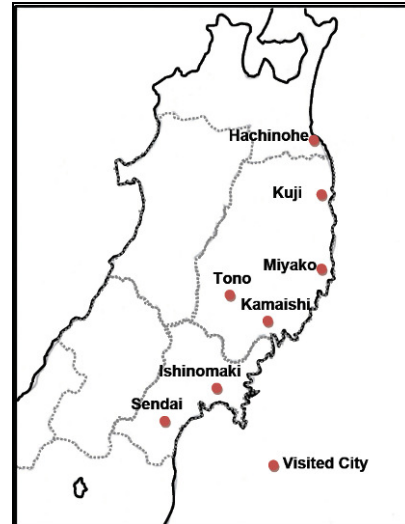


Figure 1 Visited Area

#### 2. Victims Mourned 4 Months After The Earthquake and Tsunami

4 months has been passed after the Earthquake and Tsunami. The victims of the earthquake and tsunami were mourned in most of the affected area.

At the remaining of Minami Sanriku City disaster management office, many flowers were offered as a memorial to 4 months anniversary of earthquake and tsunami. Additionally, the Study team found the offerings and flowers at the Okawa elementary school.



Picture 1 Minami Sanriku City disaster management office

### 3. Progress of Debris Removal

In some affected area, the debris removal has been conducted rapidly. On the other hand, there are some areas where the debris removal has not been forwarded. The gap on the progress of debris removal at each area could be occurred by the scale of damage, the city budget and the degree of attention to the areas, etc.



Picture 2 Taro region after the debris removal



Picture 3 Shichigahama Town of Miyagi Prefecture after the debris removal

### 4. Infrastructure Has Been Recovered

4 months after the Great East Japan Earthquake, Route 45, an important road for people's life and logistics, has completed its rehabilitation and all the line is available for traffic.

Kesen Ohashi is a part of Route 45. Since it was collapsed and unusable after tsunami, people needed to bypass the bridge and struggle with the road congestion. 4 months after the tsunami, the temporary Kesen Ohashi has been opened. Now people can enjoy the shortened traveling time and better living condition.



Picture 4 Temporary Kesen Ohashi (Bridge)

Silver Ferry which connects Hachinohe Port (Aomori Pref.) and Tomakomai Port (Hokkaido Pref.) also restarted.

On the other hand, some collapsed railway has not been available yet. The rehabilitation of the railway remains as an urgent task, since the railway is one of the main infrastructures, same as road.

### 5. Temporary Houses

It is calculated that 59,200 temporary houses are needed for the refugees in total of Fukushima, Miyagi and Iwate Prefecture. The study team found the temporary houses have been constructed in a rapid pace, while people have already started moving to other temporary houses.

Isolation and solitary death in the temporary houses became issues after Hanshin Awaji Earthquake. As a countermeasure to such issues, wood decks for communication among neighbors are prepared at some temporary houses where take advanced approach. In addition, slopes and handrails are prepared for elders and handicapped people.



Picture 5 Temporary houses in Tono City (Iwate Pref.)

Some of the temporary houses of Otsuchi Town have been constructed in the hillside far from urban area, since the large affected area of the town made it difficult to find the suitable place for housing construction. Transportation devices such as cars and motorbikes will be necessary.

Rehabilitation of people's life is getting started in many affected areas.



Picture 6 Temporary house in Otsuchi Town (Iwate Pref.)

## 6. Activities by Volunteers

Volunteers take an important role for the rehabilitation of the areas affected by Great East Japan Earthquake.

The meal for affected people was prepared at the Shichigahama Town volunteer center. Many volunteers came to the center by tour bus even in the morning of weekday.



Picture 7 Meal preparation at Shichigahama Town Volunteer Center

The indoor athletic field is used as volunteer center in Shichigahama Town. The center is used effectively and divided to storage of donated bicycles and other aid supplies, meeting and orientating room for the volunteers etc. Handwritten posters and friendly volunteers brightened the volunteer center.



Picture 8 Inside of Shichigahama Town Volunteer Center

At Tono Magokoro Net (Tono city volunteer center), the volunteer coordinators arrange the matching of volunteering activities and people in order to utilize the volunteer's abilities and potential. Picture10 shows the name list of currently working volunteers.

In Tono Magokoro Net, many JICA officers and members including OB and OG of Japan Overseas Cooperation Volunteers (JOCV) lead the volunteer activities.



Picture 9 Tono Magokoro Net (Tono City, Iwate Pref.)