



ADRC

Highlights

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➤ Survey Report on Damage and the Reconstruction Plan Following the Sept. 11th Attack

ADRC was entrusted with a part of "Preliminary Immediate Study on the Expanding Damage and Response to the Victims in the Event of the September 11th Attack" funded by Science and Technology Promotion Budget of MEXT. Mr. Nishikawa and Dr. Yashiro of ADRC joined a joint research team from February 24th to March 4th, 2002, and prepared a report in May. ADRC was placed in charge of the research on the "Process of Assessing Damage and Formulation of the Reconstruction Plan."

<Objective>

This study, implemented by consultants and research firms through questionnaires and interviews, aims to assess the economic loss and the impact of the terrorist disaster.

The study will then be applied through research on documents concerning reconstruction proposals and plans based on the damage survey.

<Executive Summary>

After examining and quantifying the impact of the attack on each industry sector, the team discovered the following information.

(1) Amount of Total Economic Loss

The economic impact of the attack is likely to total \$83 billion in damage to New York City's economy. Even after payment of insurance claims and federal reimbursement for rescue, cleanup and infrastructure repair costs, the net damage to the economy is likely to be at least \$16 billion

(2) Unemployment Figures

An estimated 125,000 jobs will be lost in the fourth quarter of 2001 as a direct result of the attacks

(3) The Most Affected Industries

Financial services, tourism and retail sectors felt the greatest impact

(4) The Most Affected Areas

Damage is concentrated in Lower Manhattan, which lost 100,000 jobs and almost 30% of its office space in the wake of the attack

The issues that must be addressed promptly by the public and private sectors are as follows:

(1) Produce a plan by mid-2002 (before the World Trade Center cleanup is completed) to redevelop Lower Manhattan

(2) Fast track rebuilding of the downtown infrastructure (power grid, transportation and telecommunications) to 21st Century standards

(3) Secure federal economic aid aimed at protecting the city's status as a world capital of commerce and finance

(4) Restore confidence by investing in comprehensive, innovative security measures. Execute a five-borough strategy to retain and expand the financial services industry

(5) Quickly restore Lower Manhattan as a functioning community for workers, small businesses and residents

(6) Take immediate steps to promote New York for business and tourism

Please visit http://www.adrc.or.jp/wtc/WTC_eng.htm for more details.

(Dr. Harumi YASHIRO, Senior Researcher)

➤ PrepCom for the World Summit on Sustainable Development in Bali

The last Preparatory Committee for the World Summit on Sustainable Development was held from May 27th to June 8th in Bali, Indonesia. With the participation of over 4,300 people from 173 countries, including 118 ministers and 1,794 delegates, active discussions were conducted in preparation for the upcoming Johannesburg Summit 2002 in South Africa from the end of August.

With regards to the field of disaster reduction, ISDR hosted a side event on "Disaster Risk & Sustainable Development - Reducing Vulnerability to Natural Hazards" on May 28th and ADRC as one of the co-organizers, made a presentation on "Disaster Impact and Regional Cooperation in the Asian Region." Along with the ISDR Secretariat and our member countries, ADRC has continuously insisted that WSSD to include "Disaster Management", which is crucial for sustainable development.

For the further information, please refer to [WSSD homepage](#) where the official reports on the meeting will be posted around the end of June.

(Mr. Fumiaki YOSHIMURA, Senior Researcher)

➤ ESCAP Regional Workshop on Cooperative Mechanism in Space Technology Applications

A regional workshop on Cooperative Mechanism in Space Technology Applications for Natural Disaster Management was hosted by ESCAP (Economic and Social Commission for Asia and the Pacific) on June 5th and 6th in Beijing, China, and brought together participants from 21 countries and regions, 7 international organizations and about 90 experts on satellite and disaster management. The first day of the meeting saw reports regarding the present situation of cases where current space technology is being applied to disaster management.

ADRC made a presentation on the current situation and the future plans of "[Space Technology Applications for Disaster Management](#)" - a collaboration project with NASDA, and then delivered a message from the ISDR Secretariat as a member of the task force. Deep interest was shown by many participants in the planned launch of ALOS (Advanced Land Observing Satellite) by NASDA, the use of WINDS (Wideband Inter Networking engineering test and Demonstration Satellite) and disaster management through the use of these technologies.

A panel discussion and group discussion were conducted on the second day, and the needs of broadband service and free data service were pointed out as necessary equipment in the field of space technology.

ADRC is considering providing a service based on the above points to the member countries while promoting the collaboration with NASDA.

(Mr. Masaru ARAKIDA, Senior Researcher)

➤ Recent Natural Disasters in Asia

Floods triggered by heavy rain affected northwestern China in early June. Please see [ADRC latest disaster information](#) for more information.

If you have comments or needs for this Newsletter, please write to ADRC in the right box.

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