The following resolutions are hereby adopted:

1. The Thirty-seventh Joint Panel Meeting provided the forum to exchange valuable technical information that is beneficial to both countries. In view of the importance of cooperative programs on the subject of wind and seismic effects, the continuation of Joint Panel Meetings is considered essential. Both sides agreed to explore new ideas and areas to strengthen cooperative activities in support of the Panel’s mission.

2. The following activities have been conducted since the Thirty-sixth Joint Meeting:

   a. Technology Exchanges. Technical experts, technical documents, and applications of the electronic media have been exchanged. These exchanges have contributed to the development of new research programs and enhanced ongoing research in both countries.

   b. Task Committee Workshops and Technical Coordinating Committee Meetings. The Panel held three workshops and one symposium:
      1. Task Committee (D), Mini Workshop for Benchmark Study on Flutter Derivatives, November 11-12, 2004, Tsukuba, Japan.
      2. Task Committee (G), 20th U.S.-Japan Bridge Engineering Workshop, October 4-6, 2004, Arlington, Virginia, USA.
      3. Task Committee (H), International Workshop on Tsunami Disaster Mitigation in Kobe 2005, January 17, 2005, Kobe, Japan.
      4. Task Committee (H), International Symposium on Tsunami Disaster Mitigation in Future, January 18, 2005, Kobe, Japan (As one of the Public Forums of the UN World Conference on Disaster Reduction).

   c. Major Products. The Panel produced the following major products through the joint research collaborations.
      1. Based on the cooperative research project by the Port and Airport research Institute (PARI), Colorado School of Mines and the New Mexico Resonance, a new Nuclear Magnetic Resonance Imaging (NMRI) device that specializes in consolidation and permeability properties measurement of clay was developed.
This device has been applied to investigate the long-term consolidation of reclaimed land.

2. Based on the cooperative research project by the Federal Highway Administration (FHWA) and Public Works Research Institute (PWRI), seismic performance testing guidelines for bridge piers are developed and will be published from both sides.

3. The Panel accepted the Task Committee reports presented during the Thirty-seventh Joint Panel Meeting. Each report included objectives, scope of work, accomplishments and future plans.

4. The Panel continues to work toward streamlining its structure and encouraging the collaboration of researchers in both countries.

5. The Panel held the Strategic Planning Session, in which its activities were reviewed and the development of next strategic plan was discussed. The following are the highlights of those reviews.

a. Review of Task Committees
   The Panel Chairs and Task Committee Chairs reviewed the progress and accomplishments of each of the Panel’s seven current Task Committees and one that is in its formative stage. The review showed that most Task Committees are meeting or exceeding the expectations set out in the Panel’s Strategic Plan adopted at the Thirty-third Joint Panel Meeting. Task Committee (F) has had difficulty conducting its activities as an independent Task Committee. Since Advanced Information and Communication Technology for Disaster Prevention and Public Health are topics that cut across several Task Committees, the Panel agreed to consider these topics through cooperation with other Task Committee activities including a joint workshop.

b. Development of Next Strategic Plan for Panel Activities
   The Panel, in recognition of the success to increase its many strengths by the strategic plan developed in 2001, will develop jointly the 2nd stage of the Strategic Plan for further activities of the UJNR Panel on Wind and Seismic Effects. The secretary-generals of US and Japan-side panels will draft the next Strategic Plan and it will be reviewed and approved at Thirty-eighth Joint Panel Meeting. The points to be discussed for the next Strategic Plan are; 1) review of current activities and structure of the Panel and Task Committees; 2) key themes
that the Panel should address next 3-5 years; 3) promotion of joint research; 4) possible collaboration with other UJNR Panels, Academia and Industries; 5) further dissemination of Panel’s activities and outcomes of joint research projects using internet and other communication technology; and 6) review of options for further streamlining and increasing the efficiency.

c. Application of Outcomes

The Panel reaffirmed that it will encourage Task Committee activities to promote the adoption of Joint Panel research products for practices, standards, and codes.

d. Dissemination

The Panel has been active in distributing its newsletter to the Panel Members electronically, and the newsletters have been uploaded to the Panel’s website also (http://www.pwri.go.jp/eng/ujnr/ujnr.htm). Furthermore, Task Committees will develop their own website pages to provide information on the Task Committee reports, the workshop plans, and the presented papers.

6. The Panel approved the new Task Committee I (Fire Performance of Structures) whose operating charter was submitted at the Thirty-seventh Joint Panel Meeting and met the criteria described in the Strategic Plan.

7. The Panel endorses the following five proposed Task Committee Workshops during the coming year:

b. Task Committee (C), 4th US-Japan Workshop on Advanced Research on Earthquake Engineering for Dams, November or December, 2005, Tsukuba, Japan.
c. Task Committee (D), 4th U.S.-Japan Workshop for Reducing Losses from Wind, late 2005 or early 2006, Japan.
d. Task Committee (G), 21st U.S.-Japan Bridge Engineering Workshop, October 3-5, 2005, Tsukuba, Japan.
e. Task Committee (H), U.S.-Japan Tsunami Workshop, December, 2005, or January, 2006, Tokyo, Japan.

In the event that T/C co-chairs consider it essential to conduct a joint meeting or workshop that is not included in this Resolution, the T/C co-chairs will make such a request through their respective Secretary-General for approval by the U.S. and Japan
Joint Panel Chairmen.

The U.S. and Japan-side Task Committee Chairs, with concurrence of the Joint Panel Chairmen, will develop and schedule their Workshops. Both sides' Secretaries-General will be kept informed of the planning, conduct, and results of workshops or committee meetings including resolutions and reports. Results of each activity conducted before the Thirty-eighth Joint Panel Meeting will be presented at the Thirty-eighth Joint Panel Meeting.

8. The Panel focused attention on the lessons learned from recent natural disasters (Indian Ocean Tsunami and Mid Niigata Prefecture Earthquake) by featuring a special Technical Session theme to discuss this topic. The Panel endorses continuing its emphasis on damage investigation and lessons learned from natural disasters.

9. The Panel endorses the plans for the National Science Foundation/Network for Earthquake Engineering Simulation (NSF/NEES) and Ministry of Education, Culture, Sports, Science and Technology/National Research Institute for Earth Science and Disaster Prevention’s E-Defense (MEXT/NIED) cooperative research.

10. The U.S.- and Japan-sides will encourage the conduct of joint investigations following earthquake and wind disasters in the U.S. and Japan.

11. The results of the Panel’s work should be disseminated to improve the quality of life globally. The Panel will make use of the internet to the extent possible to disseminate its accumulated and timely information.

12. The Thirty-eighth Joint Panel Meeting of the UJNR Panel on Wind and Seismic Effects will be held by the US-side Panel, in U.S. in May 2006. The U.S.-side Secretariat will propose dates, program, location, and itinerary with the concurrence of the Japan-side Panel.