

COOPERATIVE EFFORTS WITH SCIENTISTS IN THE UNITED STATES

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SUMMARY

The Taiwan Strong-Motion Instrumentation Program is a major long-term project to collect high-quality earthquake strong motion data on ground as well as in structures for engineering applications and scientific research. The ultimate goal is to improve our understanding of earthquake motions so that their damaging impact can be effectively mitigated. It was recognized at the outset that a project of such a large magnitude needs to enlist direct or indirect participation of the best talent in the country as well as overseas. Fortunately, in the past few years the Program has been able to benefit from substantive cooperative efforts by many overseas Chinese experts in earthquake engineering and seismology through formal arrangements with University of Southern California and the U.S. Geological Survey. In addition, several internationally renowned experts on strong motion instrumentation have contributed their expertise and wisdom by serving on the Independent Technical Evaluation Panel. A major cooperative research program by Chinese and U.S. scientists is already in progress to utilize the data coming out of this program. There is no doubt that more cooperative efforts with scientists in the United States and other countries will expedite the fruition of the Program's ultimate goal of saving lives and economic loss of the people of Taiwan from earthquake destruction.