

MEMORANDUM OF UNDERSTANDING
BETWEEN THE
UNIVERSITY OF UTAH SEISMOGRAPH STATIONS
AND THE
UTAH GEOLOGICAL SURVEY
FOR
STRONG-MOTION EARTHQUAKE INSTRUMENTATION

WHEREAS, the Director of the University of Utah Seismograph Stations, hereinafter referred to as UUSS Director, operates the State's seismograph network and other earthquake instrumentation, employs a staff trained in studying earthquake ground shaking and interpreting seismograms and accelerograms, and has research, teaching, public safety, and funding interests in strong-motion instrumentation, and

WHEREAS, the State Geologist acting as Director of the Utah Geological Survey, hereinafter referred to as Geologist, has been granted funding from the Utah Legislature to establish a strong-motion program for purposes of obtaining records for engineering design, and

WHEREAS, the UUSS Director and Geologist wish to coordinate and cooperate in development of a state strong-motion instrumentation program, but at the same time maintain autonomy and responsibility for separate parts of the program and separate sources of funding.

THEREFORE, the UUSS Director and Geologist agree to formally establish the Utah Strong-Motion Instrumentation Program, hereinafter referred to as the USMIP, and agree to the following to ensure successful development of the cooperative Program.

1. UUSS Director will pursue development of a near real-time telemetered network for purposes of potential early warning and rapid post-earthquake determination of areas of strongest shaking.

2. UUSS Director will pursue research interests in strong earthquake ground motions, including deployment of specialized instrument arrays, and may analyze and interpret data retrieved from any instruments. It is understood that other researchers at the University of Utah, not directly governed by this Memorandum of Understanding, are pursuing and will continue to pursue activities, such as these, related to studies of strong earthquake ground motions.

3. Geologist will deploy instruments for purposes of acquiring records for engineering analysis and evaluation of geologic site effects, and will publish records. Instruments will be chiefly free-field, on-site-recording accelerographs deployed in a network covering seismic areas in Utah.

4. UUSS Director and Geologist will meet periodically to discuss USMIP objectives, instrument requirements, overlapping instrument needs, sharing of instruments, instrument locations, and funding sources and opportunities.

5. All funding for strong-motion instruments to the UUSS Director or Geologist may be listed as cooperative USMIP assets, but funds granted to either the UUSS Director or Geologist will remain with and be administered by the grantee. UUSS Director and Geologist may seek additional funds for the USMIP either jointly or individually. When individually sought, each will inform the other of efforts undertaken. Funds may be transferred between the UUSS Director and Geologist for consulting services as necessary to benefit the Program, upon written agreement outlining costs and services rendered.

6. Other cooperating entities may join the USMIP by written agreement with UUSS Director and Geologist.

This Memorandum of Understanding shall become effective upon signature by the parties hereto and shall remain in force unless formally terminated by the Utah Geological Survey or University of Utah by sixty (60) days written notice to the other parties hereto.

UTAH GEOLOGICAL SURVEY

M. Lee Allison

M. Lee Allison, Director and State Geologist
Utah Geological Survey

7-7-92

Date

Gordon L. Crabtree

Gordon L. Crabtree, Director
Utah Division of Finance

7/10/92

Date

UNIVERSITY OF UTAH

Walter J. Arabasz

Walter J. Arabasz, Director
University of Utah Seismograph Stations

June 25, 1992

Date

A.A. Ekdale

A.A. Ekdale
Chairman, Dept of Geology and Geophysics

June 25, 1992

Date

Francis H. Brown

Francis H. Brown
Dean, College of Mines and Earth Sciences

June 25, 1992

Date

Robert G. Glass

Robert G. Glass, Director Sponsored
Projects, Acting for
Vice President for Research

30 June 92

Date