

### Summary of Highlights 1991/1992

- \* Hosted workshop on the Eastern California Shear Zone attended by university, government and industry scientists from California and Arizona.
- \* Vadose Zone Monitoring Lab personnel sponsored a series of workshops on the subject of hydrogeological assessment using GIS, for personnel from the EPA, Air Force, and Bureau of Reclamation.
- \* Submitted 47 proposals to: Apple Computers, U.S. Bureau of Reclamation, California Department of Conservation, California Department of Transportation, NSF, USGS, NRC, DOE, USDA, LLNL, USC, and UC totalling \$4,623,312.
- \* Submitted 31 scientific papers for publication to 24 journals and publishers.
- \* Administered 46 awards from 18 agencies totaling \$4,116,062 including 25 new awards and \$1,618,034 in new funding for fiscal year 1991/92.
- \* Sponsored 10 seminars held at the Hollister Research Center.
- \* Amoco International donated a SUN 3/260 computer to ICS which we received in the summer of 1992
- \* Responded to the April 22 Joshua Tree earthquake with deployment of eight portable seismometers.
- \* Responded to the Landers and Big Bear earthquakes of June 28, 1992 with deployment of 25 portable seismometers.
- \* In response to Joshua Tree and Landers earthquakes ICS scientists held numerous press conferences plus appeared live on local TV news on the day of the Landers earthquake.
- \* Hosted a SCEC workshop on "Predicting Strong Ground Motion" attended by 50 scientists from 15 institutions and private industry.
- \* Implemented an Earthquake Information Hotline as part of our Earthquake Advisory Group (EAG), as a public service, to provide callers with latest earthquake information.

- \* Participated in the BBC filming of an Open University program on the San Andreas fault.
- \* Hosted long-term visits of:
  - Dr. Alexei G. Tumarkin, Senior Researcher at the International Institute of Earthquake Prediction Theory and Mathematical Geophysics, USSR Academy of Sciences, Moscow
  - Alla Tumarkina, Senior Mathematician, Chair of Computer Sciences at the Moscow Institute of Earth Planning.
  - Dr. Peter Molnar, Senior Research Associate at Massachusetts Institute of Technology, specializing in large scale tectonics.
  - Dr. William A. Stuart, geophysicist with the USGS in Pasadena, a specialist in tectonics.
  - Dr. Michel Campillo, Professor at the Université de Joseph Fourier in Grenoble, France, a specialist in regional seismicity.
- \* Completed upgrade of our 4/470 Sun Computer System to 4/670 System Multiprocessor (four parallel CPU's).