

QUEST FOR QUAKES

Challenge –
Develop new
software algorithms
to uniquely identify
the electromagnetic
pulses that may
precede an
earthquake by days
to weeks



Challenge Budget
\$78,000

Challenge Award
\$41,000

Algorithms
for use as
part of daily
data searches



Results

- Initial open competition resulted in algorithms that could identify upcoming earthquakes, but data overlaps cast doubt on results
- Top six algorithms rerun on de-correlated data-sets proved capable of identifying from 1 to 7 of 35 events with high confidence