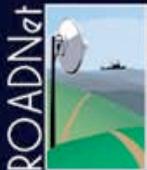
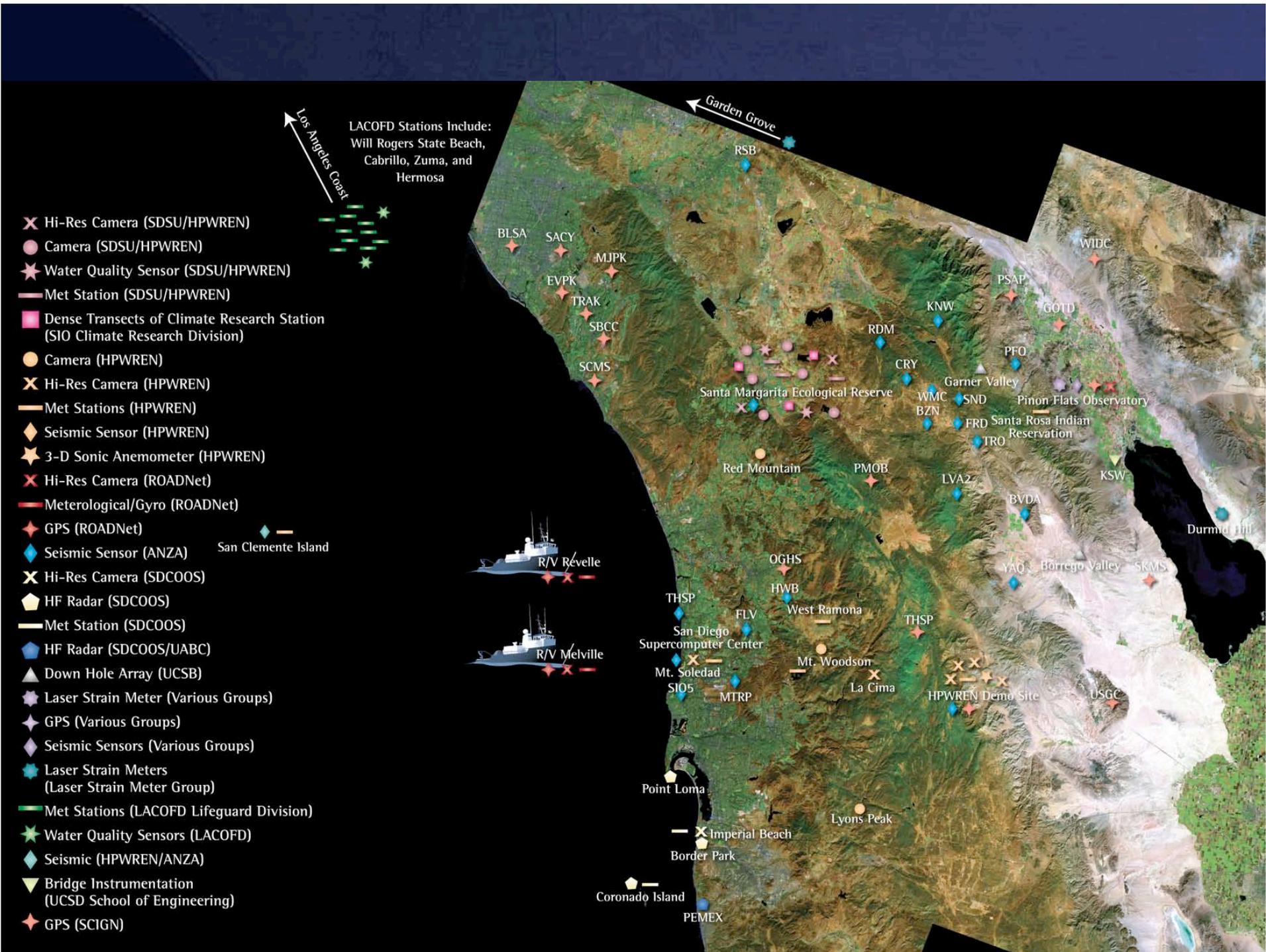


HPWREN - Enabling New Sensors

HPWREN User Group
22 September 2005

Frank Vernon
Scripps Institution of Oceanography
University of California
San Diego





Los Angeles Coast
 Garden Grove
 LACOFD Stations Include:
 Will Rogers State Beach,
 Cabrillo, Zuma, and
 Hermosa

- ✕ Hi-Res Camera (SDSU/HPWREN)
- Camera (SDSU/HPWREN)
- ★ Water Quality Sensor (SDSU/HPWREN)
- Met Station (SDSU/HPWREN)
- Dense Transects of Climate Research Station (SIO Climate Research Division)
- Camera (HPWREN)
- ✕ Hi-Res Camera (HPWREN)
- Met Stations (HPWREN)
- ◆ Seismic Sensor (HPWREN)
- ★ 3-D Sonic Anemometer (HPWREN)
- ✕ Hi-Res Camera (ROADNet)
- Meterological/Gyro (ROADNet)
- ◆ GPS (ROADNet)
- ◆ Seismic Sensor (ANZA) San Clemente Island
- ✕ Hi-Res Camera (SDCOOS)
- ⬠ HF Radar (SDCOOS)
- Met Station (SDCOOS)
- HF Radar (SDCOOS/UABC)
- ▲ Down Hole Array (UCSB)
- ★ Laser Strain Meter (Various Groups)
- ◆ GPS (Various Groups)
- ◆ Seismic Sensors (Various Groups)
- ★ Laser Strain Meters (Laser Strain Meter Group)
- Met Stations (LACOFD Lifeguard Division)
- ★ Water Quality Sensors (LACOFD)
- ◆ Seismic (HPWREN/ANZA)
- ▼ Bridge Instrumentation (UCSD School of Engineering)
- ◆ GPS (SCIGN)









