HPWREN Use and Impact Studies

2001-2004 - SMER scientists

2006 – First Responders

2007 – LIVE participants

2007 - HPWREN users

2001-2004 – Field Scientists at Santa Margarita (37)



- 2001-2002 Studied impact of broadband connectivity on ecological monitoring: relative advantage, compatibility, complexity
- Communication is key during the innovation development, implementation, and use stages of the network
- Although most scored low on complexity, they scored high on potential use
- 2004 Follow-up study = no change in use

2006 – First Responders at Remote Posts (19)



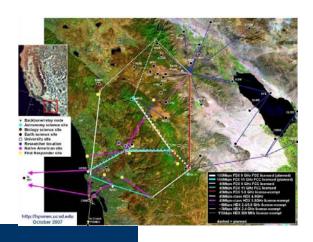
- Survey studied use of mobile deployed HPWREN sites at Incident Command Posts
- More advantages than disadvantages (100%)
- Compatible with current technology (95%)
- Meets several technological needs of first responders in remote incident bases (94%) Isn't difficult to use for Internet & email (94%)

2007 – LIVE Pala – Palomar sample participants (10)



- Survey sampled participants of LIVE activity between Pala and Palomar Observatory
- While everyone agreed that video was good, the audio was choppy from time to time.
- All agreed there were sufficient opportunities to interact with presenter at Palomar.
- All agreed that they learned a lot from the HPWREN LIVE activity.

August 2007 - Survey of HPWREN Users (33)



- Survey sampled 33 users of HPWREN
- Vital to hard-to-reach science communities including field research, education, engineering, public safety, and the list continues.
- It is hoped by all respondents that NSF will continue its generosity in funding the network; otherwise, we must seek alternate avenues for funding in 2008-2009.

Survey details are available online



2001-2002 – SMER scientists
http://hpwren.ucsd.edu/kmb/thesis
http://hpwren.ucsd.edu/news/040404.html

2006 - First Responders http://hpwren.ucsd.edu/news/20070816



2007 – LIVE participants http://kimbruch.com/survey_0407.htm

2007 - HPWREN users http://archive.hpwren.ucsd.edu/~hwb/HUS2007



