# Enhancing the Potential for Sustainability through Participatory Environmental Assessment

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| **Objective** | **Performance Target** | **When** |
| **Outputs** of the participatory environmental assessment | |  |
| 1. Complete the assessment protocol, obtain IRB approval, and conduct preliminary tests | Preliminary protocol ready | Oct - Dec 2011 |
| 2. Identify and engage a representative of stakeholders | ~25 stakeholders engaged | Jan - Mar 2012 |
| 3. Obtain a baseline assessment of the mitigation and restoration actions from each stakeholder | ~25 baseline assessments completed | Apr - Jun 2012 |
| 4. Elicit stakeholder-identified indicators of assessment and have them ranked | List of stakeholder identified & ranked indicators | Jun- Aug 2012 |
| 5. Incorporate changes in perspectives through exchange of perspectives on the indicators | Final individual and group rankings obtained | Sep 2012 |
| 6. Obtain (secondary) or collect (primary) data for indicators for each action | Data sets assembled | Oct 2012 - Feb 2013 |
| 7. Facilitate reassessment of the mitigation and restoration actions after the monitoring data on the selected and ranked indicators are applied | ~25 reassessments completed for individuals and group | Mar - Apr 2013 |
| 8. Refine protocol for potential application beyond the San Simon watershed | Final protocol completed | May - Jun 2013 |
| 9. Produce “Guide of Good Practices” to increase public engagement in support of sustainable protection and restoration measures in drylands | “Good Practices” guide completed | Jun - Jul 2013 |
| 10. Produce a “Translational Science” guide for agriculture sustainability researchers on strategies that link science to society | “Translational Science” guide completed | Aug – Sep 2013 |
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| Desired **outcomes** in the target population (20-25 stakeholders) and who they represent | | |
| 1. Empower local stakeholders in collaborative environmental assessment | ~25 stakeholders trained | Apr 2013 |
| 2. Transfer and exchange knowledge among stakeholders concerning past mitigation/restoration actions | Changes (pre- & post-process) in awareness of knowledge & motivations of others | Apr 2013 |
| 3. Unify restoration priorities by sharing the different opinions and perceptions among all participants | Changes (pre- & post-process) in perspective (individual & group) on indicators and actions | Apr 2013 |
| 4. Increase and improve local involvement in the decision making of future restoration actions to combat degradation in the San Simon and then in the larger Gila Watershed | Demonstrated progress (i.e., collaborative proposal written for future steps in sustainable land management) | Sep 2013 |
| 5. Increase the potential for sharing the results of the San Simon participatory assessment in other sites through joining national and international networks ((e.g., AridNet  http://www.biology.duke.edu/aridnet/,  PRACTICE NetWeb  http://www.ceam.es/practice)) | Participation or membership in knowledge-sharing networks | Sep 2013 |