**Sediment Gaging Workshop for American Samoa Environmental Protection Agency (ASEPA)**

*Funding provided by National Fish and Wildlife Foundation (NFWF)*

**Dates**: 8/1/15 – 8/2/15

**Attendees**: Christianera Tuitele, Mia Comeros-Raynal, Jewel Potoae, Meagan Curtis, Jameson Newtson, Jeremy Raynal?

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| **DAY 1** | |
| **0800** | Introductions – Project Overview |
|  | Motivation for the project |
|  | Overview of event-based SSY for impact assessment/change detection |
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|  | Explain field methods – Turbidity, SSC grab samples |
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|  | Explain data handling methods-GDrive/GitHub |
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|  |  |
| **1000** | Break – Go to field site |
|  |  |
| **1100** | Go over turbidimeter installation and wiring |
|  |  |
|  | Demonstrate how to connect to Turbidimeter: start logging |
|  |  |
|  | Demonstrate how to connect to Pressure Transducer: start logging |
|  |  |
|  | Demonstrate how to connect to Rain Gauge: start logging |
|  |  |
| **1300** | Lunch |
|  |  |
| **1400** | Return to Field Site |
|  |  |
|  | Demonstrate how to collect an SSC grab sample; NUTRIENTS?? |
|  |  |
|  | Demonstrate how to measure Q |
|  |  |
|  | Connect to instruments to ensure they are logging |
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| **1530** | Drop off samples to Lab |
|  | Store equipment |
|  |  |
| **1600** | Adjourn |

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| **DAY TWO** | |
| **0800** | Address questions from Day One, recap activities |
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| **0900** | Demonstrate SSC gravimetric methods |
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| **1000** | Break – Travel to Field Site |
|  |  |
| **1100** | Download data from Turbidimeter |
|  |  |
|  | Download data from Pressure Transducer |
|  |  |
|  | Download data from Rain Gauge |
|  |  |
|  | Demonstrate how to use Autosampler/retrieve samples |
|  |  |
| **1300** | Lunch |
|  |  |
| **1400** | Return to ASEPA |
|  |  |
|  | Demonstrate how to manage data |
|  |  |
|  | Basic Data Analysis/QC in Excel |
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| **1600** | Adjourn for day |
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