

# Valuation and Survey Design

## 1-week Training Course

### Schedule of Topics

Day 1: Review of Economic Valuation Methods – Jorge Nogueira

Day 2: Survey Design – Jorge Nogueira

- Introductory Questions

- Economic questions – travel cost, willingness to pay

- Demographic and sensitive questions

- Open ended vs. closed questions

Day 3a: Survey Design – Jorge Nogueira

- Sampling protocols

  - Random samples

  - Stratified Random Samples

  - Censuses

- Sample Size

Day 3b: Handling Data – Linwood Pendleton

- Dummy variables

- Intervals

- Missing data vs. non-response

- Response rates

- Entering data

- Checking data

Day 4: Basic Statistics and Regression Methods – Linwood Pendleton

- What questions can you answer with statistics?

- Describe your results

Means and Medians

Ranges and Confidence Intervals

Describe differences in Values

Testing the Difference of Means

Correlations

How do other factors affect values? (A preview for Day 5)

Day 5: Basic Regression Methods – Linwood Pendleton

Practice Analyzing Data, Interpreting Results

Why Do a Regression?

Lining up the data

Dependent, Independent, Endogenous, and Collinear Variables

Running a regression

Interpreting the results