**SSA 200: Strategic Use of Data**

***Describing population trends for Species Status Assessments***

October 23-24, 2018

Houston TX

**AGENDA**

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| **Tuesday, October 23**  **Assessing current conditions: data types and analysis tools** | | |
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| **Time** | **Topic** | **Lead Instructor** |
| 8:00 – 8:45 | Introduction – course objectives, key concepts and terms |  |
| 8:45 – 9:15 | Qualitative data |  |
| 9:15 – 9:30 | *Coffee break* | |
| 9:30 – 10:00 | Presence-type data |  |
| 10:00 – 12:00 | Activity 1 – Part 1 |  |
| 12:00 – 1:30 | *Lunch* | |
| 1:30 – 2:00 | Count data |  |
| 2:00 – 2:30 | Demographic data |  |
| 2:30 – 2:45 | *Coffee break* | |
| 2:45 – 4:45 | Activity 2 |  |
| 4:45 – 5:00 | Discussion and wrap-up |  |

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| **Wednesday, October 24**  **Predicting future conditions: stochastic projections and communicating uncertainty** | | |
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| **Time** | **Topic** | **Lead Instructor** |
| 8:00 – 8:30 | Stochastic projections, types of uncertainty |  |
| 8:30 – 9:00 | Occupancy projections |  |
| 9:00 – 9:30 | State transition models |  |
| 9:30 – 9:45 | *Coffee break* | |
| 9:45 – 11:15 | Activity 3 – Part 1 |  |
| 11:15 – 12:00 | Abundance projections |  |
| 12:00 – 1:30 | *Lunch* | |
| 1:30 – 2:00 | Activity 3 – Part 2 |  |
| 2:00 – 2:30 | Matrix projections |  |
| 2:30 – 2:45 | *Coffee break* | |
| 2:45 – 4:45 | Activity 4 |  |
| 4:45 – 5:00 | Discussion and wrap-up |  |